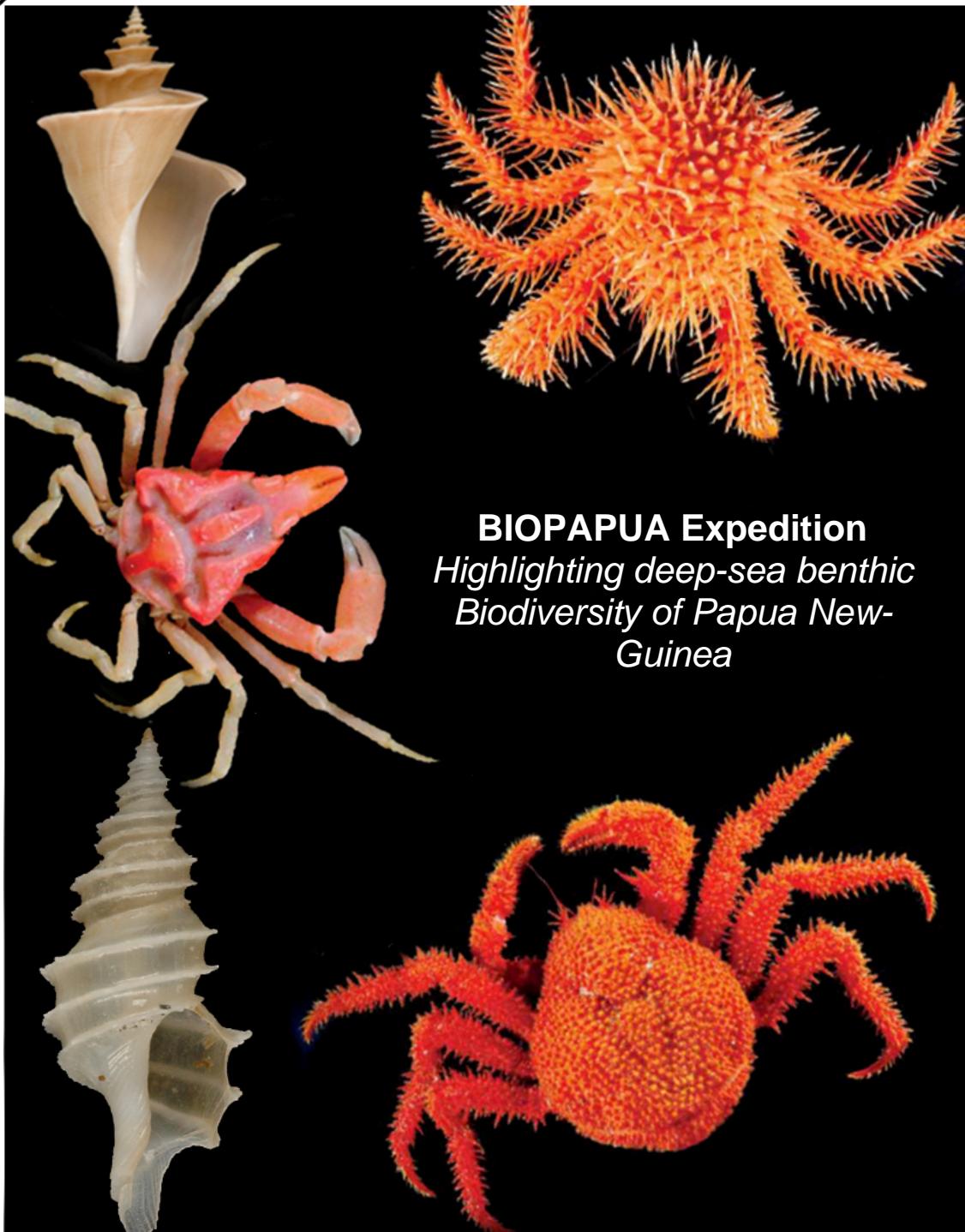




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BIOPAPUA Expedition
*Highlighting deep-sea benthic
Biodiversity of Papua New-
Guinea*

Submitted by:

Muséum National d'Histoire Naturelle (MNHN)

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Foreword

Biopapua cruise was a MNHN/IRD deep-sea cruise in partnership with the School of Natural and Physical Sciences, University of Papua New Guinea. According to the proposal of Marine scientific research submitted to National Research Institute of PNG (acceptance decision note n°. 302/2010 on 26th march, 2010 ; see Appendix 1), the present document represents the mid-progress report of Biopapua Cruise. It provides the full description of the Biopapua expedition (September-October 2010) and exposes first scientific results.

We wish also to dedicate this feature to Christian Késiano Fitialeata, who tragically passed away during the first leg of BioPapua. Christian has been a crew member on the RV Alis for many years, and has been instrumental in the success of many TDSB cruises.

1- Our understanding of deep-sea biodiversity of PNG

Historical context

The island of New Guinea has a privileged place in the heart of biologists. Biodiversity studies in New Guinea and its satellite islands have helped shape some of the pillars of evolutionary biology and ecological theory. In the late 1850s, New Guinea was the easternmost of Alfred Wallace's destinations during his exploration of the Malay Archipelago, and his comparative observations nurtured his theories on island biogeography and the mechanisms promoting evolution (Wallace, 1869; 1876). In the 1920s, ornithologist Ernst Mayr accumulated data on New Guinea birds that would later appear in his "Systematics and the origin of species," a landmark in the development of the modern synthesis (Mayr, 1942). Similarly, data from New Guinean ant diversity found their place in MacArthur and Wilson's theory of island biogeography (MacArthur and Wilson, 1967).

Contrasting with this knowledge on the terrestrial ecosystems is the surprising lack of information on the deep-sea ecosystems skirting the coasts of New Guinea and its satellite islands. Among the famous deep-sea expedition of XIXe century, we can mention the Challenger expedition and the Dutch Siboga expedition but without an extensive sampling off PNG coasts. In fact, of the "historical" exploring expeditions, only the Danish Galathea (1950-52) and the Russian Vityaz expeditions have taken biological benthic samples in the region, namely the hadal part of the New Britain Trench in the Solomon Sea (Belyaev 1972).

The deep-sea environments of Papua New Guinea

PNG is situated in one of the most geologically active regions in the world, where all possible types of plate boundaries can be observed (Tregoning et al., 2000). Most of the scientific exploration done to date in the PNG region stemmed from geological research. The strong tectonic activity found in PNG is particularly conducive to hydrothermal venting, which was first revealed in the mid to late 1980s (Both et al., 1986; Tufar 1990; Lisitsyn et al., 1993). A series of international research efforts have followed since then, with cruises involving American, Canadian, Australian, Japanese, Russian, German, Austrian and French teams (Auzende et al., 2000, and references therein). These efforts mostly focused on the Pacmanus and Vienna Woods vent fields in the Bismarck Sea, and on Franklin Seamount in the Solomon Sea.

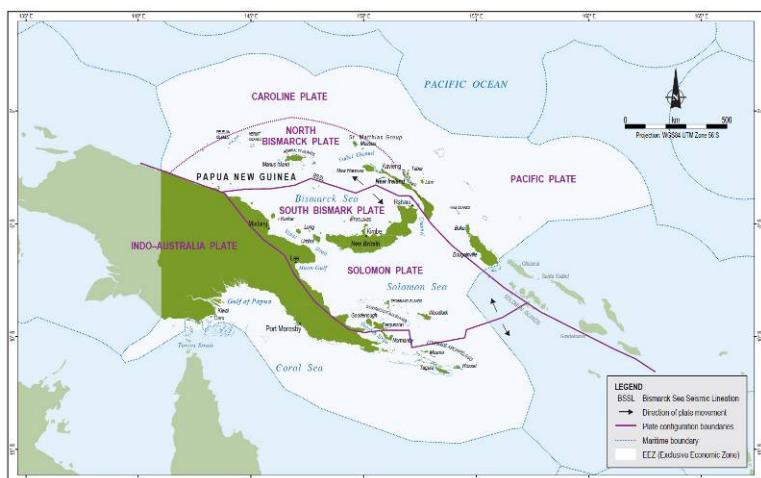


Fig. 1: Tectonic context of PNG.

The geological complexity and the rapidity of change observed in the area makes the region of particular biogeographic interest, both in terms of biological colonization and diversity of habitats (hydrothermal vent fields, river sedimentary cones, seamounts, slopes and canyons, sedimentary plains...).

The Bismarck and Solomon Seas host many underwater features such as seamounts, of which only a very few (e.g. Franklin and Edison Seamounts) have been sampled, mapped, or even visited. Significant efforts for describing the hydrothermal vent-endemic fauna have been made (e.g. Desbruyères et al., 2006 and references therein) but the general deep benthic fauna is yet to be described. For example, the Ocean Biogeographic Information System (OBIS) database (Vanden Berghe, 2007; Edward Vanden Berghe personal communication) contains information on 34 species of deep-water crustaceans, 30 of which are vent-endemic (a meager inventory, the benthic surface of the PNG EEZ totaling over 2 million km² below a 100 m depth).

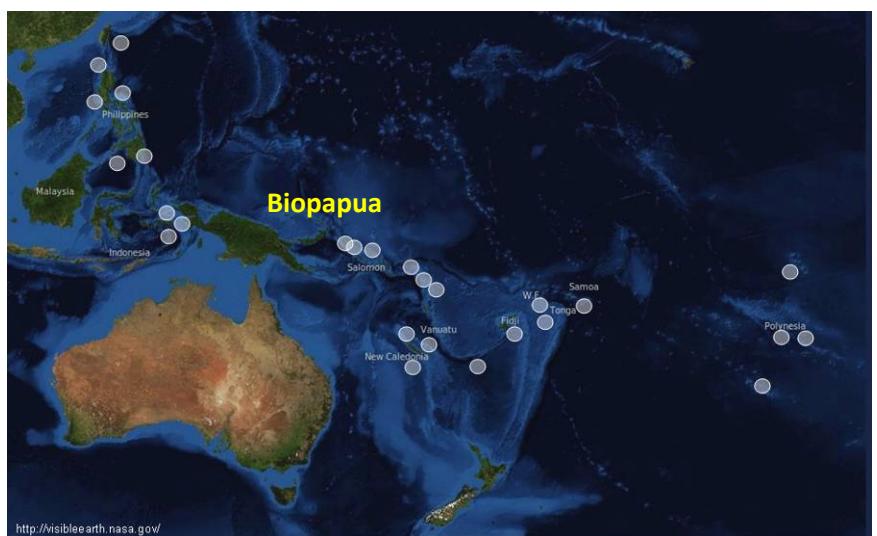
The current body of knowledge on New Guinean deep-sea benthic fauna comes almost exclusively from the study of highly-specialized hydrothermal vent animals, which distribution strictly depends on the location of vent fields. Hydrothermal vent animals might therefore not be good models to represent the biology of deep New Guinean fauna. Data on other benthic groups, however, are sorely lacking, and do not allow us to understand patterns of faunal connectivity across the deep waters of the western Pacific Ocean at this time.

2- The Tropical Deep-Sea Benthos program or “Filling the gap in our knowledge of Deep-Sea Biodiversity”

Combine deep-sea and tropics: margins of tropical islands and seamounts represent a major frontier in marine biodiversity exploration. The coral reefs of the tropical Indian and Pacific oceans are known to be hotspots of species diversity, but none knows whether this is true also in deeper water. Tropical islands and seamounts have highly heterogeneous bottom types, many still uncharted – with resulting sampling challenges –, but they are also geographically remote. All these combine in making these benthic communities among the least sampled and least studied in the world. The core aim of this Tropical Deep-Sea Benthos programme is therefore to fill this knowledge gap. Exploring the Papua New Guinea (PNG) seas represent, in this context, the main challenge of the BIOPAPUA cruise.

The deep benthos of tropical seas represents one of the last frontiers of marine biodiversity, and the explorations led by the National Museum of Natural History of Paris confirms the Indo-Pacific as a major reservoir of unknown forms of life in all taxonomic groups.

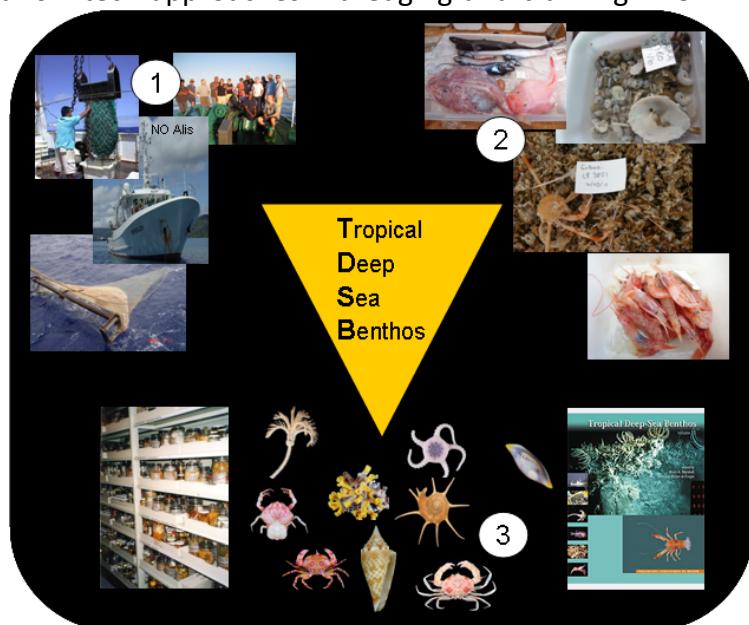
Figure 2 : Main exploration areas of TDSB expeditions. PNG area (with Biopapua cruise) was obvious to fill in the gap in our sampling effort all around IndoPacific Ocean.



However, unlike most other tropical biological communities, deep-sea benthos of this area has been generally neglected by most zoologists and oceanographers. The aim of the Tropical Deep-Sea Benthos research programme has therefore been to fill this knowledge gap (Bouchet et al., 2008).

"Tropical Deep-Sea Benthos" is not a classical research program. We use it as an umbrella to describe a loose association of individuals, partnerships and expeditions, the goals of which are pursued by a three-tiered organization:

- 1) A small core group of experienced scientists (mainly from MNHN-Paris) and seamen mounts the expeditions and conducts the field work, using conventional (research) or unconventional (fishing) vessels, and low-tech approaches – dredging and trawling. We rely extensively on R/V Alis, a Nouméa-based, 27 meters long scientific trawler that is equipped with a multi-beam echosounder and that has excellent manoeuvrability as well as skilled personnel to work on uncharted and difficult slopes.
- 2) On board, the collections made are sorted to the appropriate levels: phylum (e.g., Brachiopoda, Porifera, Bryozoa), class (e.g., Hydrozoa, Tunicata, Asterida), order (e.g., Tanaidacea, Antipatharia) or family (in the case of fishes, molluscs and decapod crustaceans). They are then distributed for study to an international network of systematists.
- 3) More than 200 scientists from all over the world have been involved in the taxonomic description of species collected by the Tropical Deep-Sea Benthos programme, some as visiting curators to MNHN. The research results are published in short articles or monographic revisions in relevant taxonomical journals as well as in *Tropical Deep-Sea Benthos*, a series of monographs published by MNHN. In addition to this series, numerous other scientific papers are published in regular taxonomic journals.



Altogether, over 3,000 new species have been discovered, described and named based on the Tropical Deep-Sea Benthos programme. The Tropical Deep-Sea Benthos expeditions often represent the first-ever exploration of developing countries and remote areas (e.g. Tonga, Solomon Islands, Vanuatu, Philippines) because of their robustness and low technicity.

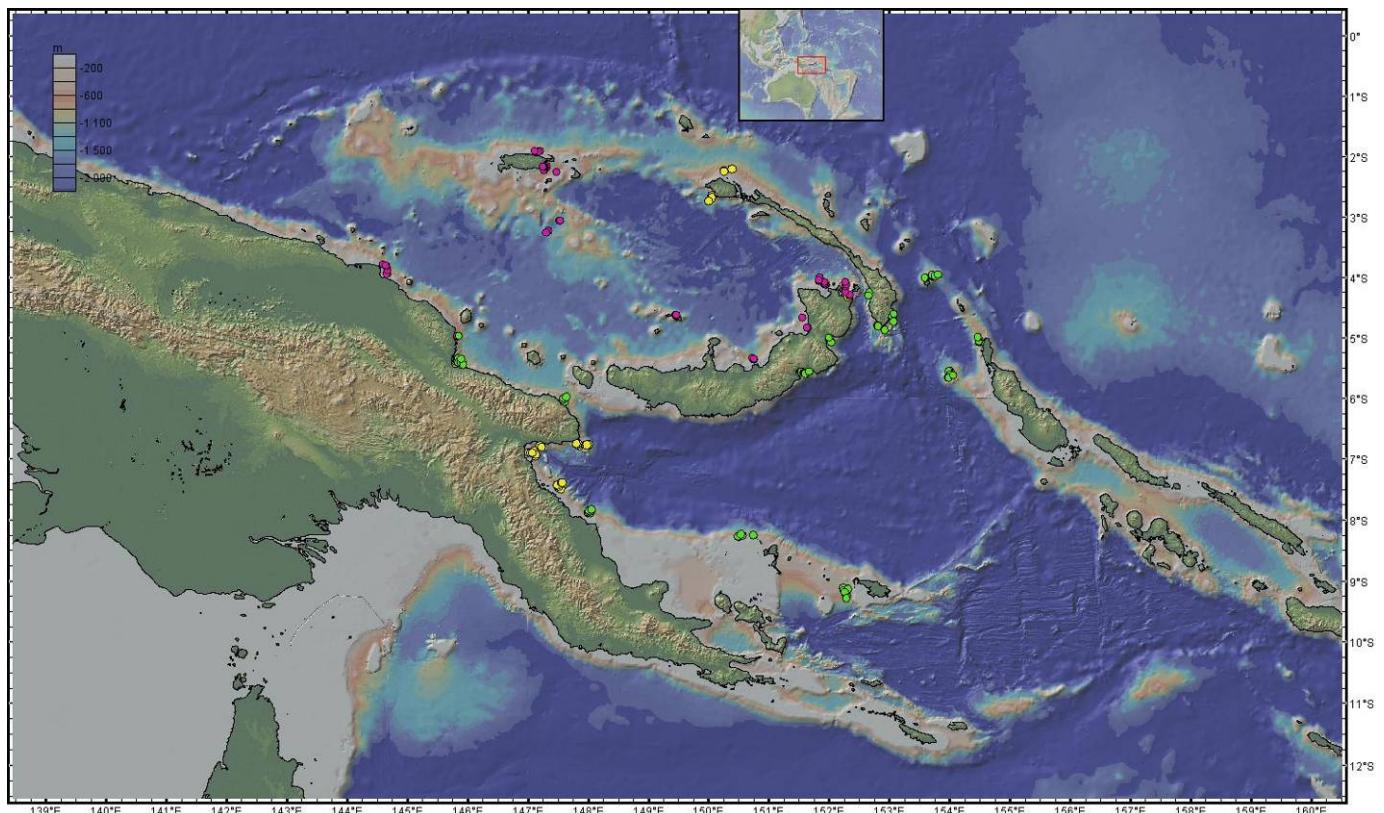
These expeditions provide a very large amount of unique data to two international networks: the Census of Marine Life and the Barcoding of Life, of which MNHN has the status of "leading lab". The expertise also extends to the political aspects of biodiversity exploration, and we have a proven track record of best practice on Access and Benefit

Sharing issues; during the expeditions, special attention is given to involvement with local partners, training and capacity building, as well as data and specimens repatriation.

3- BIOPAPUA expedition

The BIOPAPUA cruise takes integrally part into the “Tropical Deep-Sea Benthos” research Program. In fall 2010, the Museum national d’Histoire naturelle (MNHN) and the Institut de Recherche pour le Développement (IRD), in collaboration with the University of Papua New Guinea (UPNG), put together a team of international scientists to explore and describe the deep benthic fauna of the Bismarck and Solomon Seas.

Biopapua in some numbers: 11 scientists from 6 countries; 156 explored stations within 2-9 degrees latitude and 144-155 degrees longitude, (see map below).



BioPapua Travelogue

Yellow dot icon Leg 1 ; departure Lae- Arrival Rabaul

Station Code	Date	Latitude	Longitude	Depth range (m)	Location
DW3628	22AUG2010	06°53'S	147°01'E	266-272	Lae, Southern, Huon Gulf
CP3629	22AUG2010	06°57'S	147°08'E	240-269	Lae, Southern, Huon Gulf
CP3630	22AUG2010	06°54'S	147°03'E	305-307	Lae, Southern, Huon Gulf
CP3631	22AUG2010	06°51'S	147°06'E	613-652	Lae, Southern, Huon Gulf
CP3632	22AUG2010	06°56'S	147°08'E	700-740	Lae, Southern, Huon Gulf
CP3633	22AUG2010	06°54'S	147°05'E	395-406	Lae, Southern, Huon Gulf
CP3634	23AUG2010	07°29'S	147°31'E	279-290	Lae, Southern, Huon Gulf
CP3635	23AUG2010	07°29'S	147°33'E	280-302	Lae, Southern, Huon Gulf
CP3636	23AUG2010	07°27'S	147°31'E	462-495	Lae, Southern, Huon Gulf
CP3637	23AUG2010	07°25'S	147°30'E	608-615	Lae, Southern, Huon Gulf
CP3638	23AUG2010	07°23'S	147°34'E	890-895	Lae, Southern, Huon Gulf
CP3639	23AUG2010	07°23'S	147°35'E	900-932	Lae, Southern, Huon Gulf

Scientific Team

- ✓ Sarah SAMADI, Researcher, IRD, Paris France
- ✓ Justine THUBAUT, PhD Student, MNHN, Paris France
- ✓ Tin-Yam CHAN, Professor National Taiwan Ocean University, Keelung, Taiwan
- ✓ Julie PONSARD, PhD Student, University of Liège, Belgium
- ✓ Mao-Ying LEE, PhD Student, NTOU, Keelung, Taiwan
- ✓ Alfred KO"OU, UPNG, Port Moresby, PNG)

Biopapua Expedition – Progress report

DW3640	24AUG2010	06°46'S	148°00'E	322	Tami Island, Huon Gulf
DW3641	24AUG2010	06°45'S	148°01'E	380-476	Tami Island, Huon Gulf
DW3642	24AUG2010	06°46'S	147°59'E	245-295	Tami Island, Huon Gulf
DW3643	24AUG2010	06°47'S	147°51'E	400-436	Tami Island, Huon Gulf
DW3644	24AUG2010	06°46'S	147°50'E	360-406	Tami Island, Huon Gulf
CP3645	24AUG2010	06°44'S	147°50'E	403-418	Tami Island, Huon Gulf
CP3646	24AUG2010	06°45'S	147°49'E	460-485	Tami Island, Huon Gulf
CP3647	25AUG2010	06°47'S	147°12'E	592-660	Off Lae, Huon Gulf
CP3648	25AUG2010	06°48'S	147°14'E	682-1012	Off Lae, Huon Gulf
DW3649	27AUG2010	02°39'S	150°04'E	720-728	New-Hanover, Southern
CP3650	27AUG2010	02°39'S	150°03'E	805-823	New-Hanover, Southern
CP3651	27AUG2010	02°41'S	150°03'E	840-865	New-Hanover, Southern
CP3652	27AUG2010	02°44'S	150°00'E	1019-1390	New-Hanover, Southern
CP3653	28AUG2010	02°13'S	150°23'E	680-700	New-Hanover, Western
CP3654	28AUG2010	02°14'S	150°16'E	490-505	New-Hanover, Western
CP3655	28AUG2010	02°15'S	150°16'E	402-440	New-Hanover, Western

Leg 2 ; departure Rabaul - Arrival Madang

Station Code	Date	Latitude	Longitude	Depth range (m)	Location
CP3656	22-sept-10	04°19'S	152°19'E	266-276	off Rabaul
CP3657	22-sept-10	04°18'S	152°20'E	350-370	off Rabaul
CP3658	22-sept-10	04°17'S	152°21'E	400-412	off Rabaul
CP3659	22-sept-10	04°14'S	152°17'E	508	off Rabaul
CP3660	22-sept-10	04°09'S	152°16'E	680-720	off Rabaul
DW3661	22-sept-10	04°07'S	152°17'E	750-790	off Rabaul
DW3662	22-sept-10	04°05'S	152°16'E	840-1020	off Rabaul
DW3663	23-sept-10	04°50'S	151°39'E	220-292	Open Bay
CP3664	23-sept-10	04°50'S	151°38'E	195-340	Open Bay
CP3665	23-sept-10	04°50'S	151°38'E	225-340	Open Bay
CP3666	23-sept-10	04°40'S	151°33'E	760-866	Open Bay
CP3667	23-sept-10	04°40'S	151°34'E	670-921	Open Bay
DW3668	24-sept-10	04°08'S	151°58'E	383-411	Rabaul, Northern
CP3669	24-sept-10	04°08'S	151°56'E	382-389	Rabaul, Northern
CP3670	24-sept-10	04°06'S	151°56'E	497-500	Rabaul, Northern
CP3671	24-sept-10	04°04'S	151°56'E	585-601	Rabaul, Northern
CP3672	24-sept-10	04°04'S	151°50'E	702-724	Rabaul, Northern
CP3673	24-sept-10	04°00'S	151°51'E	885-1050	Rabaul, Northern
CP3674	24-sept-10	04°02'S	151°50'E	788-805	Rabaul, Northern
DW3675	25-sept-10	05°21'S	150°45'E	665-700	Kimbe bay (New Britain)
CP3676	25-sept-10	05°21'S	150°46'E	704-720	Kimbe bay (New Britain)
CP3677	25-sept-10	05°20'S	150°44'E	760-800	Kimbe bay (New Britain)
DW3678	25-sept-10	05°21'S	150°45'E	535-604	Kimbe bay (New Britain)
CP3679	25-sept-10	05°21'S	150°45'E	490-715	Kimbe bay (New Britain)
DW3680	27-sept-10	04°37'S	149°27'E	615-647	Vitu Islands
CP3681	27-sept-10	04°38'S	149°27'E	564-712	Vitu Islands
CP3682	27-sept-10	04°38'S	149°28'E	515-812	Vitu Islands
DW3683	27-sept-10	04°37'S	149°28'E	291	Vitu Islands
DW3684	28-sept-10	03°14'S	147°21'E	550-600	Seamounts, South Manus Island
DW3685	28-sept-10	03°16'S	147°19'E	946-1006	Seamounts, South Manus Island
CP3686	28-sept-10	03°16'S	147°18'E	964-1025	Seamounts, South Manus Island
DW3687	28-sept-10	03°04'S	147°32'E	305-579	Seamounts, South Manus Island
DW3688	28-sept-10	03°04'S	147°32'E	402-640	Seamounts, South Manus Island
CP3689	29-sept-10	02°16'S	147°29'E	679-685	Manus Island, Southeastern
CP3690	29-sept-10	02°14'S	147°16'E	611-618	Manus Island, Southeastern
CP3691	29-sept-10	02°11'S	147°18'E	499-517	Manus Island, Southeastern
CP3692	29-sept-10	02°10'S	147°19'E	408-448	Manus Island, Southeastern
CP3693	29-sept-10	02°10'S	147°17'E	300	Manus Island, Southeastern
DW3694	29-sept-10	02°10'S	147°16'E	200-219	Manus Island, Southeastern
CP3695	29-sept-10	02°10'S	147°15'E	-198	Manus Island, Southeastern
DW3696	30-sept-10	01°54'S	147°12'E	326-355	Manus Island, Northeastern
CP3697	30-sept-10	01°54'S	147°12'E	368	Manus Island, Northeastern
DW3698	30-sept-10	01°55'S	147°10'E	214	Manus Island, Northeastern
DW3699	30-sept-10	01°55'S	147°07'E	252	Manus Island, Northeastern
CP3700	01-oct-10	03°56'S	144°40'E	213-215	Off Sepik River
CP3701	01-oct-10	03°57'S	144°41'E	198-219	Off Sepik River
CP3702	01-oct-10	03°57'S	144°40'E	80-91	Off Sepik River
CP3703	01-oct-10	03°53'S	144°41'E	361-750	Off Sepik River
CP3704	01-oct-10	03°49'S	144°39'E	400-656	Off Sepik River
CP3705	01-oct-10	03°48'S	144°36'E	280-550	Off Sepik River

Scientific Team

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- ✓ Anders WAREN (Professor, Swedish Museum of Natural History, Stockholm Sweden)
- ✓ Ralph MANA (Professor, UPNG, Port Moresby, PNG)
- ✓ Gilbert DUVAL (Dr in medicine, Nantes, France)
- ✓ Jesse APONE (Student, UPNG, Port Moresby, PNG)

Biopapua Expedition – Progress report

CP3706	01-oct-10	03°48'S	144°39'E	720-729	Off Sepik River
CP3707	02-oct-10	04°59'S	145°50'E	460-466	Off Madang
CP3708	02-oct-10	04°58'S	145°50'E	502-529	Off Madang
CP3709	02-oct-10	04°58'S	145°52'E	640-675	Off Madang

● Leg 3 ; departure Madang - Arrival Rabaul

Station Code	Date	Latitude	Longitude	Depth range (m)	Location
CP3710	05-oct-10	05°22'S	145°48'E	372-384	Astrolabe Bay
CP3711	05-oct-10	05°23'S	145°48'E	434-447	Astrolabe Bay
CP3712	05-oct-10	05°22'S	145°49'E	550-551	Astrolabe Bay
CP3713	05-oct-10	05°22'S	145°50'E	608-610	Astrolabe Bay
CP3714	05-oct-10	05°20'S	145°51'E	676-720	Astrolabe Bay
CP3715	06-oct-10	05°24'S	145°51'E	628-780	Astrolabe Bay
CP3716	06-oct-10	05°24'S	145°53'E	760-875	Astrolabe Bay
CP3717	06-oct-10	05°27'S	145°56'E	850-945	Astrolabe Bay
CP3718	06-oct-10	05°21'S	145°54'E	851-865	Astrolabe Bay
DW3719	07-oct-10	06°03'S	147°36'E	410	Vitiaz strait
DW3720	07-oct-10	06°03'S	147°35'E	520-523	Vitiaz strait
CP3721	07-oct-10	06°03'S	147°37'E	542-554	Vitiaz strait
CP3722	07-oct-10	06°01'S	147°35'E	608-625	Vitiaz strait
CP3723	07-oct-10	06°0'S	147°36'E	700-701	Vitiaz strait
CP3724	07-oct-10	05°59'S	147°39'E	860-880	Vitiaz strait
DW3725	08-oct-10	07°53'S	148°00'E	410-444	Off Mambare Bay
CP3726	08-oct-10	07°53'S	148°00'E	460	Off Mambare Bay
DW3727	08-oct-10	07°53'S	148°02'E	459-476	Off Mambare Bay
CP3728	08-oct-10	07°52'S	148°01'E	498-501	Off Mambare Bay
CP3729	08-oct-10	07°52'S	148°03'E	575-655	Off Mambare Bay
CP3730	08-oct-10	07°51'S	148°01'E	710-750	Off Mambare Bay
CP3731	08-oct-10	07°50'S	148°04'E	895-1150	Off Mambare Bay
DW3732	09-oct-10	08°16'S	150°29'E	340-358	Lancasay Reefs
DW3733	09-oct-10	08°16'S	150°30'E	353	Lancasay Reefs
DW3734	09-oct-10	08°16'S	150°30'E	389	Lancasay Reefs
DW3735	09-oct-10	08°15'S	150°34'E	450-500	Lancasay Reefs
CP3736	09-oct-10	08°14'S	150°32'E	760-769	Lancasay Reefs
CP3737	09-oct-10	08°15'S	150°45'E	587	Lancasay Reefs
DW3738	10-oct-10	09°07'S	152°14'E	473-491	Off Woodlark Islands
CP3739	10-oct-10	09°09'S	152°15'E	503-546	Off Woodlark Islands
CP3740	10-oct-10	09°12'S	152°16'E	556-645	Off Woodlark Islands
CP3741	10-oct-10	09°14'S	152°18'E	694-766	Off Woodlark Islands
CP3742	10-oct-10	09°08'S	152°19'E	448-470	Off Woodlark Islands
CP3743	10-oct-10	09°11'S	152°16'E	540-585	Off Woodlark Islands
CP3744	10-oct-10	09°17'S	152°17'E	776-856	Off Woodlark Islands
DW3745	12-oct-10	05°33'S	154°00'E	369-377	Seamounts, off Bougainville Island
DW3746	12-oct-10	05°34'S	154°00'E	455-524	Seamounts, off Bougainville Island
CP3747	12-oct-10	05°33'S	153°59'E	458	Seamounts, off Bougainville Island
DW3748	12-oct-10	05°37'S	154°01'E	398-399	Seamounts, off Bougainville Island
DW3749	12-oct-10	05°39'S	153°59'E	620-663	Seamounts, off Bougainville Island
CP3750	12-oct-10	05°39'S	153°59'E	654-660	Seamounts, off Bougainville Island
DW3751	12-oct-10	05°37'S	154°04'E	735-768	Seamounts, off Bougainville Island
DW3752	13-oct-10	05°04'S	154°31'E	412	Off Bougainville
DW3753	13-oct-10	05°05'S	154°29'E	608	Off Bougainville
DW3754	13-oct-10	05°02'S	154°29'E	615-632	Off Bougainville
CP3755	13-oct-10	05°04'S	154°29'E	662	Off Bougainville
CP3756	13-oct-10	04°59'S	154°28'E	750	Off Bougainville

Scientific Team

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- ✓ **Edwin SOHUN** (Research assistant, UPNG, Port Moresby PNG)
- ✓ **Gilbert DUVAL** (Dr in medicine, Nantes, France)

DW3757	14-oct-10	04°01'S	153°36'E	214	Off Feni Islands
DW3758	14-oct-10	04°00'S	153°36'E	278-298	Off Feni Islands
CP3759	14-oct-10	04°00'S	153°36'E	287-352	Off Feni Islands
CP3760	14-oct-10	03°58'S	153°43'E	613-660	Off Feni Islands
CP3761	14-oct-10	03°59'S	153°46'E	760-823	Off Feni Islands
CP3762	14-oct-10	03°57'S	153°49'E	995-1050	Off Feni Islands
DW3763	15-oct-10	04°40'S	153°03'E	160-170	Off New Ireland
DW3764	15-oct-10	04°39'S	153°03'E	220	Off New Ireland
DW3765	15-oct-10	04°37'S	153°04'E	470-620	Off New Ireland
DW3766	15-oct-10	04°44'S	153°04'E	400-406	Off New Ireland
DW3767	15-oct-10	04°52'S	152°56'E	340	Off New Ireland
DW3768	15-oct-10	04°48'S	152°49'E	325-360	Off New Ireland
CP3769	15-oct-10	04°48'S	152°49'E	300	Off New Ireland
DW3770	16-oct-10	05°34'S	151°32'E	220-294	Jacquinot Bay (New Britain)
DW3771	16-oct-10	05°34'S	151°33'E	295-422	Jacquinot Bay (New Britain)
DW3772	16-oct-10	05°34'S	151°33'E	402	Jacquinot Bay (New Britain)
DW3773	16-oct-10	05°35'S	151°35'E	465-639	Jacquinot Bay (New Britain)
CP3774	16-oct-10	05°35'S	151°35'E	470-680	Jacquinot Bay (New Britain)
DW3775	16-oct-10	05°36'S	151°36'E	640-849	Jacquinot Bay (New Britain)
DW3776	16-oct-10	05°33'S	151°40'E	386-700	Jacquinot Bay (New Britain)
DW3777	17-oct-10	05°01'S	152°00'E	400-619	Wide Bay (New Britain)
CP3778	17-oct-10	05°03'S	152°01'E	563-836	Wide Bay (New Britain)
CP3779	17-oct-10	05°04'S	152°02'E	752-998	Wide Bay (New Britain)
CP3780	17-oct-10	05°05'S	152°02'E	782-1085	Wide Bay (New Britain)
DW3781	17-oct-10	05°00'S	152°00'E	390	Wide Bay (New Britain)
DW3782	18-oct-10	04°15'S	152°40'E	600	off Rabaul
CP3783	18-oct-10	04°18'S	152°39'E	854-1020	off Rabaul

Methodology – On board Organisation



Research Vessel ALIS

Total length 28.40 m
 Floating length 24.50 m
 Width: 7.60 m
 Raw gauge 198.80 Tx
 Net gauge 77.80Tx
 Total crew: 12 persons
 Scientific crew: 6 persons

Photo : RV Alis in Rabaul

BIOPAPUA expedition was made possible with the support of the vessel R.V. Alis. This scientific vessel is owned by the Institut de Recherche pour le Développement (IRD).

The Warén Dredge

The Warén dredge, invented by Dr Anders Warén from Sweden (see participant list, leg 3), is a heavy, metal deployed at the bottom for an average of 15 minutes to take samples of sediments. This is a dredge of very strong iron with a collecting bag protected by a strong iron net. Weighing about 120 kg, this dredge is used to scrape the upper layer of the sea bottom. It can be used on hard or mixed substrates. Dimensions: horizontal opening: 0.7 m; vertical opening: 0.28 m; total width: 1 m; length: 0.75 m; length of the chain of the fork: 1 m of 20 mm chain; thickness of the iron frame: 1 cm.



The beam Trawl

The standard French beam trawl is composed of a 4 meters (m) wide wooden beam that is fixed onto heavy iron runners situated at both ends of this bar. These runners serve as skis so that the trawl can glide on the sea floor. The height of the iron sides is (0.5 m, length 0.45 m, giving an effective height of 0.35 m) defines the vertical opening of the net while the beam determines the horizontal opening of the net. The heavy weight of the runners at the base of the opening of the net settles the trawl and keeps it well on the ground.



A fine-mesh (15 and 12 mm) net is attached to this system; the ground rope of the net is strengthened with chain to allow digging into the sediment for stirring up organisms or substrate on and in the sediment. A tickler chain (4.5 m long, 10 kg) is placed before the net.

A conical net proper is situated behind the ground rope. This conical shape allows for good filtration of the water and guides the organisms caught in the net towards the cod-end of the trawl. The cod-end is double-layered, with an inner finer meshed bag. The trawl is connected to the warp of the ship by two wires of 4 m long forming a triangle with the beam (crowfoot). The trawl is generally deployed at a speed of 2.5-4.5 knots (with pay-out speed about 1 m/sec) and towed at 1-2.5, mostly 1.5 knots ground speed.

According to the nature of the seafloor, the dredge was deployed first on rocky substrates while trawl was more efficient on soft substrates.

Procedure for each work-station

Station data such as station code, coordinates, description of the haul, general picture of the bottom assemblage for each haul, and other photo documentation of the working area and the participants. For the station code, Biopapua expedition followed and continued the coding used by the MUSORSTOM Expeditions. The code includes the type of collecting gear used followed by four numbers. The gear codes were: CP – beam trawl, DW – Waren dredge.



Sieving and fractioning: clean the samples upon recovery of the gears with seawater while ensuring that no sample is lost. The sediment/materials obtained from the trawl or dredge was fractioned by sieving using successive mesh sizes from 10, 5, 2.5, 1, 0.5 mm, and 10.0-mm.



Sorting: sort out organisms from debris using forceps, whatever necessary. Sorting was done on three white wooden tables on the deck where plastic square trays of assorted sizes were prepared. The organisms sorted are covered with ice to keep them fresh if needed for photography. Group members are tasked to sort the organisms into phyla or groups, and to ensure that the specimens were taken care of and attended by scientists or specialists.

Sorting and preservation by zoological groups (see pictures below)

Echinoderms : holothuria, echinoids, asteroids, ophiuroids as well as noting down associations with molluscs and crustaceans. They also took care of preserving the assigned animals for detail study.

Tunicates, Cnidaria and Sponges – Ascidians, sea anemones, sponges, and other cnidarians as well as preserving the assigned animals for detail study.

Crustacea and Worms – This group took care of specimens of crabs, shrimps, isopods, galatheids, lobsters, hermit crabs, some amphipods and worms such polychaetes, echiurans, and sipunculids. They also photographed representative specimens of each species before preservation.

Mollusks and Brachiopods – This group processed specimens of gastropods, bivalves, cephalopods as well as noting down associations with molluscs and crustaceans.

Fish – This group identified, photographed and preserved fish specimens in formalin.

Fine fractions – This group sorted out specimens particularly micro-shells from fine sediment fractions. They also took care of preserving the assigned animals for detail studies.

Wood and wood-associated animals - This group is tasked to work out wood hauled from the station and collected boring molluscs and other organisms burrowing in wood.



Barcode: The capacity to identify all living organisms from a specific sequence of their gene coding for cytochrome oxidase 1 (CO1) is known as the “Barcode of Life” Initiative. A special difficulty for molluscs is that for a proper fixation, the animal must not be retracted deep inside the shell, especially if it closes with an operculum; species-level taxonomy requires examination of the intact shell. We will use a combination of approaches to ensure proper fixation of tissues and preservation of shell characters. This requires either drilling the shell of one specimen and conserving it side by side with an intact specimen of the same species from the same sample; or relaxing and extending the animal in with magnesium chloride. Same approach for Fish, tissues was clipped before fixation of the specimen in Formalin.

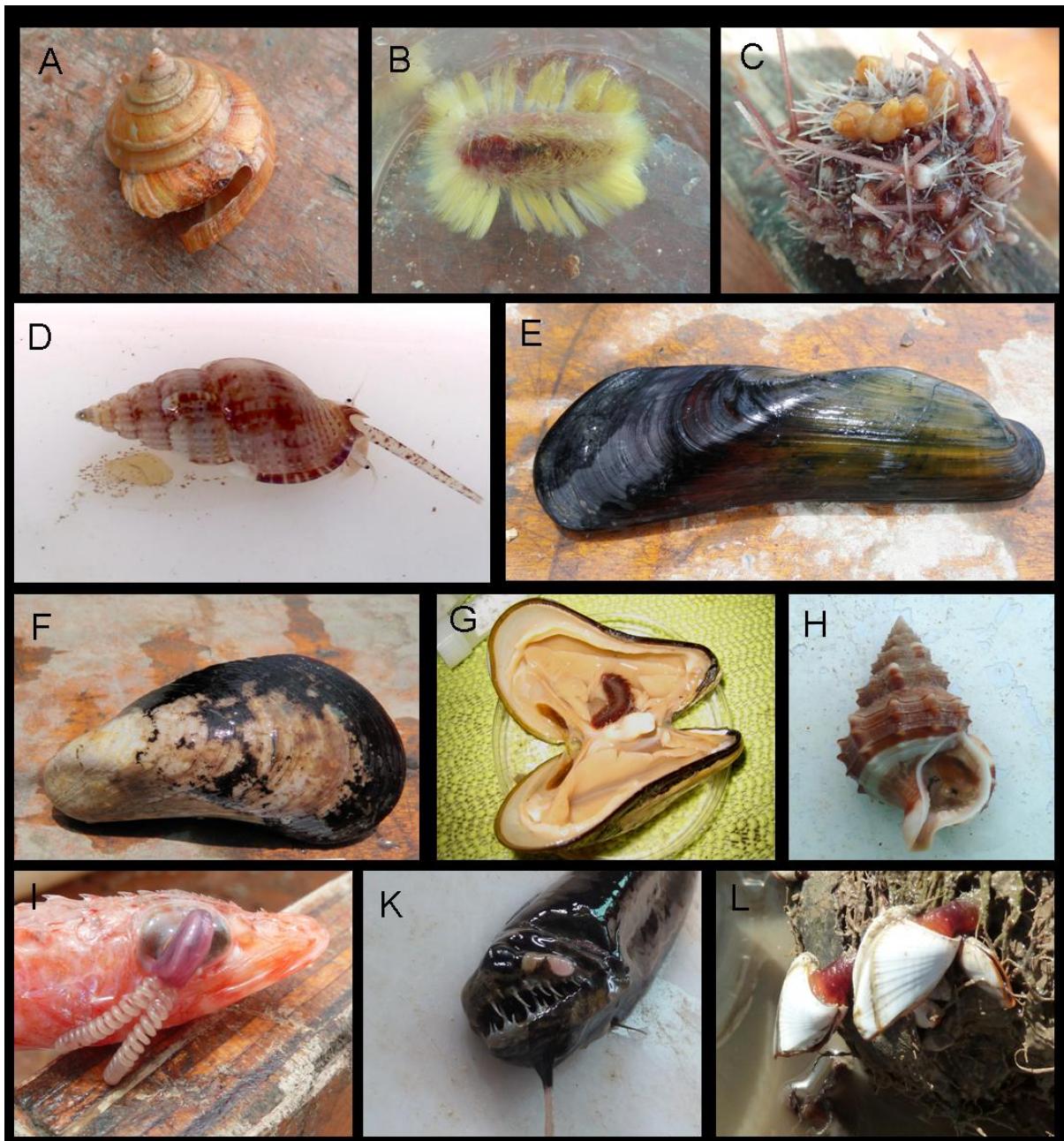
Photography: Mainly crustaceans were photographed onboard. Specimens were selected for each station and are relevant of diversity observed for the location. Photography will document the patterns of colours for living specimens, very important for taxonomic description.

Biodiversity highlights (Figure 3)

One main focus of TDSB cruises is to explore and document deep-sea biodiversity. While searching for accumulations of sunken vegetation at the mouth of the Sepik River (03°53'S; 144°41'E), we sampled organisms typically found at cold seeps and hydrothermal vents, among which beard worms (Siboglinidae: Escarpia sp. and Lamellibrachia sp.) and two undescribed species of bathymodioline mussels (Gigantidas sp.; Fig. 3 E-F), one of which being parasitized by a polynoid scale worm (Branchipolynoe aff. pettiboneae; Fig. 3 G). Several undescribed species of Gigantidas were already known from close seeps localities off New Guinea. On the last leg of Biopapua, we sampled this fantastic copepod (Cardiodesetes sp. Fig. 3I, Justine pers com) on the eye of its fish host, and Eulimid gastropods neatly installed around the madreporite of their urchin host (Fig. 3C). Species of the Eulimidae are all parasites of echinoderms, and have a proboscis that penetrates the body cavity of their host. It is unknown however, whether these mollusks can parasitize multiple species of echinoderms, and significant work will be



required to characterize these interesting interactions. A noteworthy find was a specimen of *Bayerotrochus* (Fig. 3A). This predatory mollusk belongs to the Pleurotomariidae, which has a continuous fossil record since the Upper Cambrian. As for many other groups, pleurotomariids were never recorded from the vicinity of New Guinea (Harasewych, 2002). This specimen probably belongs to an undescribed species. *Nassarius* (Figure 3D) made up > 90 % of the species that represented the Nassariidae, and molecular studies are in progress to determine the taxonomic status of this species.



*Figure 3 Biodiversity highlights : A-Pleurotomariidae, *Bayerotrochus* sp. ; B-Amphinomidae, *Chloeia* sp. ; C-Eulimidae ; D-Nassariidae, *Nassarius* sp. ; E-Mytilidae, *Gigantidas* sp. nov 1 ; F-G- Mytilidae, *Gigantidas* sp. nov 2 in association with *Branchipolynoe* sp. nov. ; H-Bursidae, *Bursa* sp. ; I-Parasitic copepod *Pennellidae*, *Cardiodesctes* sp. ; K-Deep-sea fish ; L- Cirripedia, *Lepadidae*.*

For more details on-board observations, see cruise report submitted by Dr Ralph Mana (UPNG), **Appendix 2**

4- Collection Management

Specimens (except fish) collected during Biopapua cruise were delivered to MNHN in April 2011. Fish collection is handled in Taiwan Museum (Academia Sinica, curator Pr Shao) and in UPNG collection (Curator R. Mana). We quickly proceed to identification, databasing of specimens, registered in collection. About 40 000 specimens were collected during Biopapua cruise.

- Tissue/DNA collection: At present, about 600 tissues samples of molluscs and crustaceans have been clipped and registered in collection. DNA projects are still on progress and first sequences (COI, nuclear genes) are already analysed by scientists.

This table summarizes collection data on main zoological groups and taxonomic work is still on progress (See **annex 3**; on progress list of specimens present in MNHN and Academia Sinica Collections.

Groups	Family	Estimated species	Specimen numbers	Collection location
Crustacea	80	> 500	10 000	MNHN-Paris
Mollusca	170	> 1000	20 000	MNHN-Paris
Echinodermata	52	-	5000	MNHN-Paris
Cnidaria	10	-	400	MNHN-Paris
Annelida	27	-	1200	MNHN-Paris
“Fish”	70	> 200	-	UPNG/Ac Sinica



*Illustration of
Mollusc collection
Part of Biopapua
collection, dried
specimens*

- Example of Crustaceans (decapods and non-decapods) collection

Crustacean biodiversity revealed more than 500 collected species and about 15 % of new species. In June 2011, a workshop has been organised by MNHN, inviting 8 taxonomists from 6 countries. It was focussed on identification of Biopapua specimens. During 10 days, all of us have sorted, registered and identified (mainly at family or genus levels) crustacean specimens. It revealed an amazing diversity of crustacean from Biopapua cruise.

Expedition	species	Nb specimens	Under study specimens
Biopapua	about 522 including 15% of new species	About. 10 000	300

Crustacean workshop	
<u>Invited taxonomists</u> Chan Tin-Yam (NTOU – Taiwan) Lin Chia-Wei (NOTU – Taiwan) Macpherson Enrique (CSIC – Blanes – Espagne) Galil Bella (Israel Oceanographic & Limnological Research) Komai Tomo (Museum Chiba, Japon) Poupin Joseph (Ecole Navale, Brest, France) Segonzac Michel (Attaché MNHN) Clarck Paul (British Musem, Londre, Angleterre)	
<u>MNHN Staff</u> Corbari Laure Martin-Lefèvre Paula Sato Anouchka Lozouet Pierre	

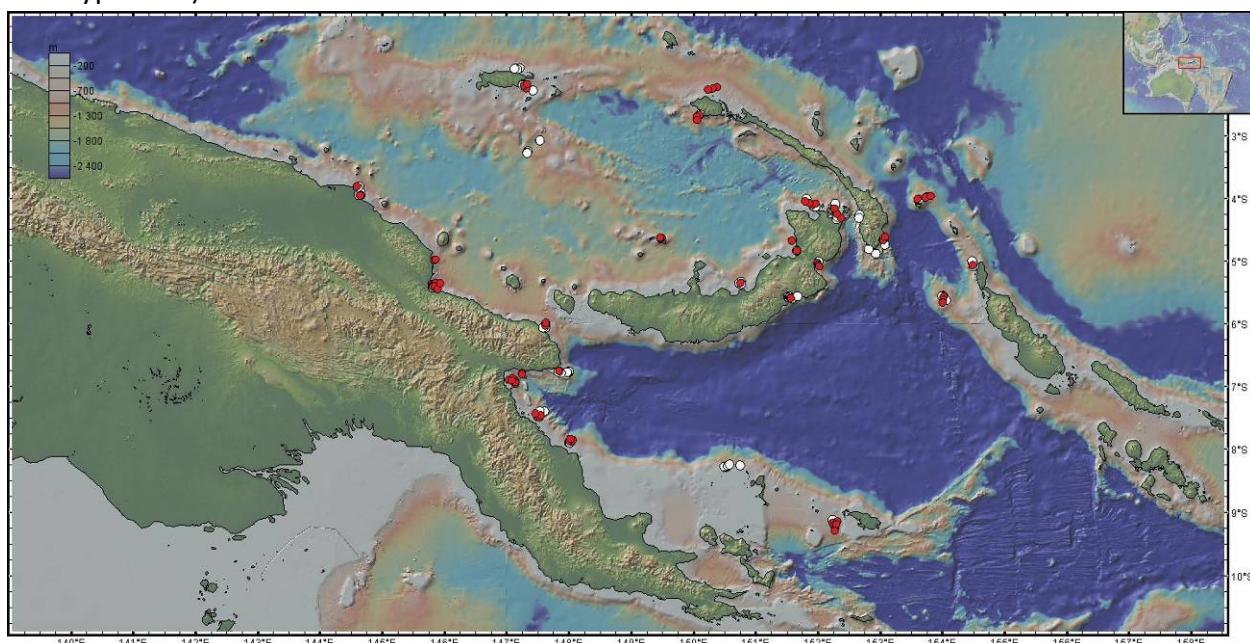
New species: At present, there are at least 2 new described species (Chan et al., 2012 ; Richer de Forges and Corbari, 2012 ; for more details **see annex 4** and next section preliminary results) and about 10 species being described. But it is expected that the number of new species will increase as the specimens sampled are studied in greater detail.

5- Preliminary results

The deep sea benthic biodiversity of the Papua New Guinea area remains unexplored by marine biologists. Centrally located in the Indo-Pacific gradient of biodiversity (i.e. coral triangle), this area constitutes therefore one of the most important zone for the Tropical Deep Sea Benthos explorations. By their highly diversified marine environments and their geological and geodynamic history, PNG oceans (Bismarck Sea and West Salomon Sea) have to be investigated. The purpose of BioPapua, as for previous TDSB cruises, is first to explore remote and uncharted territory and describe the deep benthic fauna in the southwestern Pacific. Beyond this vocation of discovering biodiversity, BioPapua was designed to sample specimens from specific habitats and address specific questions on the evolution of deep-water invertebrates. Research themes and preliminary results are outlined below.

Sunken wood

Among the 156 stations sampled during BioPapua, 84 contained sunken vegetation (Map below; red dots). A wide array of bays and submarine canyons was sampled, from the mouth of the Sepik River to Mambare Bay on the eastern coast of the island of New Guinea, and on the eastern and western coasts of New Britain. Trawling efforts revealed a wealth of decomposing wild and cultivated plants (tree trunks, branches and leaves, sugar cane, coco and nypa nuts).



The presence of animals on plant remains at the deep-sea floor was first documented by the Challenger expedition (1872-1876). The importance of plant material in the deep-sea was first underlined by Wolf (1979) but until recently, apart from taxonomic consideration; plant-associated organisms were mainly looked at as zoological and/or ecological curiosities and thus only anecdotally studied. During previous TDSB cruises in the Solomon Archipelago, it became clear that the slopes of oceanic islands within the region accumulate large amounts of decomposing vegetation. Organic debris was associated with a rich and original fauna and their discovery catalyzed new research interests for the TDSB team (Samadi et al.,

2010). Subsequent cruises in the Solomon and Vanuatu Archipelago specifically targeted sunken vegetation to further characterize its fauna.

PNG and its satellite islands appear as a very promising location for such studies. Lush tropical forests and large rivers skirt the coasts of these islands, which transition into many bays and canyons that may accumulate sunken vegetation. As expected these substrates harbored a unique fauna, composed of mollusks (wood-boring bivalves and mytilids, chitons,



Fig 4 Deck photos of vegetation-associated fauna. A-Chiton; B-Cataegidae, *Cataegis* sp.; C-Mytilidae, *Adipicola longissima* nested in nipa palm nut; D- Fissurellidae, *Puncturella* sp.; E- Pectinodontidae, *Pectinodonta* sp.; F-Chiton; G-undescribed fungi; H-Munidopsidae *Galacantha* sp.; I- Maeridae, *Bathyceradocus* sp.; J- Echinidae; K-Polynoidae, *Harmothoe* sp.; L- Eunicidae, *Eunice* sp.

gastropods), crustaceans (isopods, amphipods, barnacles and decapods), echinoderms (sea urchins, sea stars and ophiuroids), polychaetes (19 families identified so far) and sipunculids.

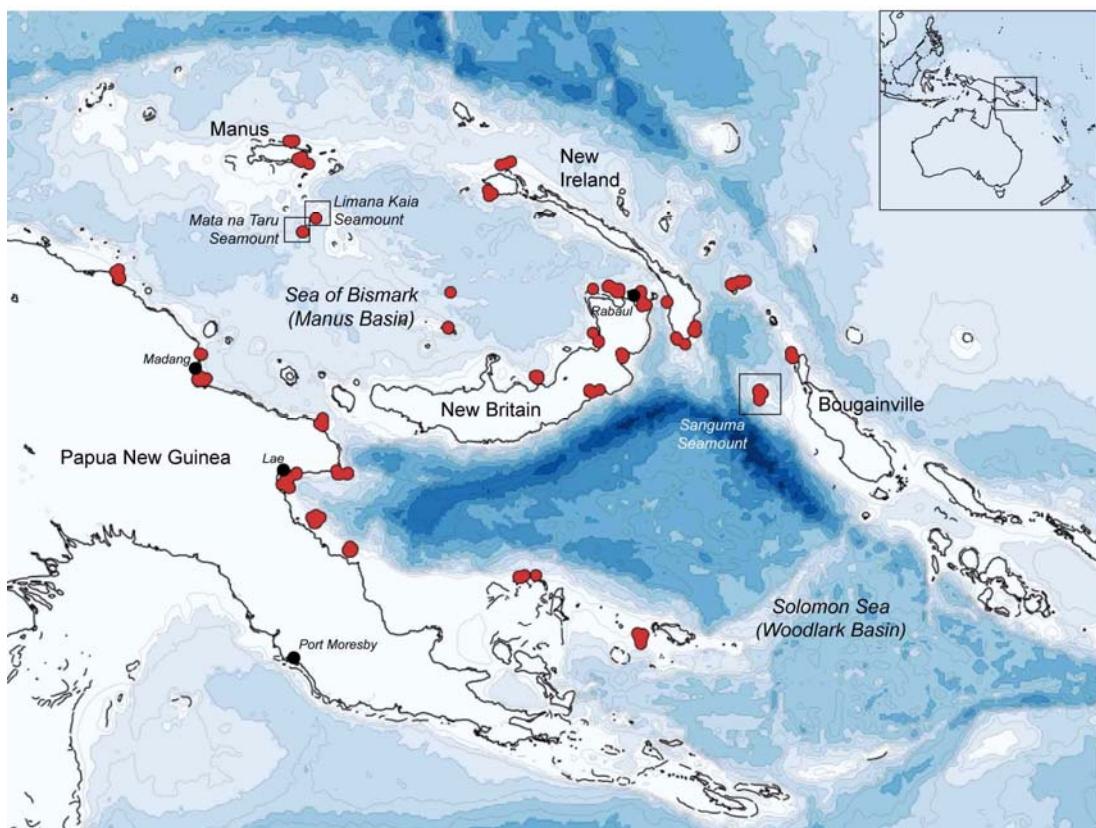
Figure 4 exemplifies the diversity found on plant remains. *Adipicola longissima* (Figure 4C) is a mussel found mainly in association with *Nypa fruticans* nuts. Contrary to other sunken wood mussels that have extensive geographic distribution in the Pacific, this species is restricted to the areas where *Nypa* palm grows (mainly Philippines, Indonesia, Papua New Guinea and the northern islands of the Solomon archipelago). Chitons revealed unsuspected diversity, and a wealth of undescribed species (Figure 4A-F; Puillandre pers. com). The amphipod genus *Bathyceradocus* (Maeridae; Fig. 4I) was represented by four species, eight being new. Wood-based diet and presence of bacterial ectosymbiosis have been confirmed for several specimens, and molecular analyses revealed unsuspectedly-high diversity (Corbari pers. com.). Wood-dependent diets and bacterial interactions have already been demonstrated for different wood-associated organisms (sea-urchins, Becker et al., 2009; *Pectinodonta* Zbinden et al., 2010; *Munidopsidae*, Hoyoux et al., 2009). Future work will focus on placing trophic relationships in an evolutionary context. Animals are not the only active decomposers of plant remains. Wood decay can result from the metabolic activities of bacteria (Waterbury et al., 1983; Distel & Roberts 1997) and fungi (Ray 1959; Ray & Stuntz 1959). Although shallow marine fungi are common and diverse (550 described species; 1500 expected to exist), deep-sea fungi appear to be rare (four species described >1600 m), and are still little studied (Dupont et al., 2009 and references therein). For example, *Oceanitis scuticella*, originally described in 1977, was not seen until 2004, when specimens were collected in the Vanuatu Archipelago and the Solomon Islands during TDSB cruises (Dupont et al., 2009). *Alisea longicolla*, a new genus and species described from material collected alongside *O. scuticella* during a 2005 TDSB cruise (Dupont et al., 2009), is another example of how rare and understudied taxa are put to light by the exploratory TDSB cruises. During BioPapua, deep-sea fungi were sampled at seven stations >700 meters. This sampling offers a new occurrence for *O. scuticella* but also a new occurrence for an un-described morpho-species (700-1150 m depth) that was known only from a few specimens collected in 2007 off the Solomon Islands (Figure 4G).

Wood fauna composition was consistent with previous findings from other locations in the SW Pacific (Samadi et al., 2010). For example, the crustaceans collected on plant remains belong to a few genera repeatedly found on such material throughout the Indo-Pacific Ocean (for decapods: the galatheids *Munida* and *Munidopsis*, the hermit crabs *Xylopagurus* and *Pylocheles* and the thalassinids *Callianassa*; Samadi et al., 2010). Most of these taxa, however, probably belong to new species. Thubault et al (In Prep) have integrated nine samples collected during BioPapua into a larger study of the biogeography and integrative biology of *Adipicola iwaotakii*, a small bathymoniolin mussel associated with sunken wood. They have found a high genetic diversity (7 mitochondrial COI haplotypes), a signal of population expansion, and a close biogeographic relationship with the Solomon Islands, the Vanuatu and New Caledonia, relative to Japan and the Philippines. Among the 26 putative species of wood-associated mussels defined in Lorion et al (2010) for the SW Pacific, 11 were collected during BioPapua. None of the nine putative species found in the Philippines and Japan were collected in PNG; the wood-associated mussel fauna of PNG has therefore stronger affinities with southern sampling locations such as New Caledonia.

Connectivity and endemism of seamount fauna

Seamounts constitute an ideal system for the study of deep-sea biogeography as they are prevalent across ocean basins, are patches of hard substrata scattered on vast sedimentary plains, and are characterized by hydrographic features that could significantly hinder faunal dispersal (e.g. Clark et al., 2010). The extent of faunal connectivity among seamounts and seamount chains is, however, still poorly known. Beyond theoretical inquiries, there is a strong practical need to understand seamount ecosystems to manage fragile fisheries resources and associated fauna. Seamounts aggregate commercially-important fish species and are hotspots of pelagic and benthic biodiversity (Samadi et al., 2007b; Morato et al 2010). The impact of developing seamount fisheries has been shown to be catastrophic and long-lasting (Althaus et al., 2009; Williams et al., 2010); there is therefore no more critical time to study seamount ecosystems.

One of the goals of BioPapua was to help fill the geographical gap in our understanding of Pacific seamount communities. Three of the seamounts catalogued by Allain et al. (2008) were sampled during BioPapua. Two are located in the Bismarck Sea, between Manus Island and the Western Rift accretion zone (3.05S 147.53E and 3.23S 147.33N, 5 stations sampled; see map below). The first seamount, Limana Kaia, appeared poor in benthic fauna, as our trawl mostly brought back bare rocks. This negative result



might however be

explained by limited and / or unsuccessful sampling on rugged terrain. The second seamount, Mata Na Taru, is more interesting from a biological stand point, as we were able

to collect a diverse fauna. The third seamount (Sanguma, 5.53S 154N, 7 stations sampled) is located E of the N end of Bougainville Island, on the edge of the Solomon Trench, an active zone of subduction of the Solomon Plate under the Pacific Plate. This seamount, sampled between 369 and 768 meters, revealed a wealth of filter-feeding invertebrates, such as hydroids, sea pens, octocorals and sea anemones, as well as a rich crustacean fauna.

Forty-four live specimens of *Nassaria* were collected during BioPapua, seven of which on Sanguma Seamount. This neogastropod with a non-planktotrophic, poorly dispersive larval stage, is one of the model systems used to investigate faunal connectivity patterns between slope and seamount environments in New Caledonia (Castelin 2010; Castelin et al 2010). Among the 250 individuals previously analyzed (resulting from seven cruises and approximately 800 sampling stations), 11 putative molecular species were detected, of which four were found exclusively in the Philippines (111 stations), and seven in New Caledonia (600 stations). Among the 44 BioPapua specimens of *Nassaria*, nine putative molecular species (one common among BioPapua stations, all the others being rare) were detected, and only two of these are shared with the rich New Caledonian fauna (Castelin, unpublished).

Among octocorals, *Chrysogorgia* was particularly diverse, as 12 putative species (based on DNA barcoding using *mtMutS*; McFadden et al 2010, Pante and Watling 2011) were detected, 25% of which being new to our collections (Pante et al., in revision) and most being rare. This species pool represents 35% of the diversity found in the Pacific, and 27% of the total species richness of the genus (although we warn that these results will have to be

analyzed using rarefaction analysis). Interestingly, 2 of these 12 putative species, collected on Sanguma Seamount were also previously found on New Caledonian seamounts (one on the Norfolk Ridge, the other on the Loyalty Ridge), suggesting, as for the gastropod *Nassaria* that broad geographical distributions may exist in these seamount organisms.

Focus on new species

Taxonomic studies are in progress for main taxonomic groups. As mentioned in collection management, we expect an amazing number of new species, estimation à 15% for Crustaceans and probably much more on Molluscs.

At present, two new species have already been described and published.

Chan, T.Y (2012) A new genus of deep-sea solenocerid shrimp (Crustacea: Decapoda: Penaeoidea) from the Papua New Guinea. *Journal of Crustacean Biology*, 32(3), 489-495, 2012. (**Appendix 3**)



A large new genus and new species of deep-sea penaeoid shrimp, *Maximiliaeus odoceros* n. gen., n. sp., is discovered from the Solomon Sea off Papua New Guinea. This new shrimp is very characteristic in the carapace bearing large teeth on the entire dorsal border and having three parallel carinae running almost all along the lateral surface. The new taxon is determined to belong to the family Solenoceridae and phylogenetic analysis of PEPCK and NaK sequences confirms such taxonomic assignment.

Richer de Forges B. & Corbari L. (In Press) A new species of *Oxypleurodon* Miers, 1886 (Crustacea, Brachyura, Majoidea) from the Bismark Sea, Papua New Guinea. *Zootaxa* (**Appendix 5**).

Recently collected specimens from deep-sea off Papua New Guinea revealed the presence of a new species of *Oxypleurodon* Miers, 1886 (Majoidea). The new species is a member of the *O. auritum* group but its flattened rostral spines and triangular shape of the carapace easily distinguishes it from congeners. There are 28 known species in the genus *Oxypleurodon* (Family Epialtidae) and *Oxypleurodon christiani* is the first species described from Papua new-Guinea.



6- Publications and Outreach

Biopapua Publications

- Chan, T.Y (2012) A new genus of deep-sea solenocerid shrimp (Crustacea: Decapoda: Penaeoidea) from the Papua New Guinea. *Journal of Crustacean Biology*, 32(3), 489-495, 2012.
- Chan T.Y. The deep-sea spiny lobster genus *Puerulus* Ortmann, 1897 (Crustacea: Decapoda: Palinuridae), with descriptions of five new species (9 species, including 5 new species). Submitted- Tropical Deep-Sea Benthos volume 27- Memoires du Museum d'Histoire naturelle, Paris, 36 pages, 12 figs, 1 color plate.
- Kilburn R., Fedosov A & Olivera M. (2012) Revision of the genus *Turris* Batsch, 1789 (Gastropoda: Conoidea: Turridae) with the description of six new species. *Zootaxa* 3244: 1–58
- Komai T. & Chan T.Y. New records of *Glyphocrangon* (Crustacea: Decapoda: Caridea: Glyphocrangonidae) from the recent French expeditions off the Mozambique Channel and Papua New Guinea, with description of one new species (14 species, including 1 new species)- Submitted- Tropical Deep-Sea Benthos volume 27- Memoires du Museum d'Histoire naturelle, Paris, 21 pages, 6 figs, 3 color plates
- Pante E, Corbari L., Thubaut J., Chan TY, Mana R., Boisselier MC, Bouchet P., Samadi S. (In Press). Exploration of the deep-sea fauna of Papua New Guinea. *Oceanography*
- Richer de Forges B. & Corbari L. (2012) A new species of *Oxypleurodon* Miers, 1886 (Crustacea, Brachyura, Majoidea) from the Bismark Sea, Papua New Guinea. *Zootaxa*. 3320: 56–60

Biopapua Blog

<http://en.ird.fr/all-the-current-events/live-science/biopapua-cruise>

As example, some posts

Biopapua / Off Mambare Bay

08 October 2010

Print 



© IRD / Sarah Samadi
Pectinodonta sp.

We continue our journey along New Guinea and work off Mambare Bay. This bay, into which large rivers finish their course, is bordered by a large reef.

We work off of this reef. Above 500 m, the slope is quite steep and substrates are hard. We must use our dredge. Below, we find mud and plant substrates.

We finish the day by dragging a trawl at 1000 m depth, and retrieve a large piece of wood colonized by many organisms. Among other things, we find a limpet of the genus *Pectinodonta*. This specimen is particularly interesting, because our recent studies, based on material collected during previous cruises, suggest that the different species of this genus have a limited bathymetric distribution.

Thus, in some areas, different species are present but do not coexist because they do not inhabit the same depths.

We seek to document the geographic and bathymetric distribution of these species. When we retrace the genealogical history of these species, the biogeographic data are important, as they can shed light on the mechanisms responsible for the differentiation and evolution of species.

At this last station we also sampled some organisms typically found at deeper depths, such as this fish.



© IRD / Sarah Samadi
Deep-sea fish

 [The Biopapua cruise weblog: see all posts](#)

■ Biopapua / Off of the reefs of Lusancay Islands

09 October 2010

[Print](#)

Today, our goal is to work on hard bottoms bordering the Trobriand Trench.

This trench plunges deeper than 5000 m. We are struggling to find adequate areas to work on, but the result is worth the effort.

We accumulate many samples of mollusks, crustaceans and deep-sea corals typical of those substrates.

© IRD / Sarah Samadi
Mending the trawl net

We find specimens of *Nassaria* snails, a genus on which Magalie Castelin (MNHN) focused on during her PhD thesis. In this genus, species may have very different shell shapes, depending on the habitat where they are found.

Indeed, in gastropods, differences in shell morphology may not reflect differences between species, but rather environmental differences. In this case, intra- and inter-species variations are difficult to tease apart. Using genetic tools, Magalie's work showed an unsuspected species diversity within the genus *Nassaria*.



© IRD / Sarah Samadi
Specimen of a Buccinidae snail of the genus *Nassaria*

This is a very satisfactory day for the science team. However, it gives a lot of work to the crew. The trawl net is damaged during the first trawling operation, and the trawl beam breaks during the second. While the science team is busy sieving and sorting specimens, the crew mend the net and change the broken trawl beam.



■ Biopapua / Off of the reefs of Lusancay Islands

09 October 2010

[Print](#)

© IRD / Sarah Samadi
Changing the broken trawl beam

● [The Biopapua cruise weblog: see all posts](#)



Today, our goal is to work on hard bottoms bordering the Trobriand Trench.

This trench plunges deeper than 5000 m. We are struggling to find adequate areas to work on, but the result is worth the effort.

We accumulate many samples of mollusks, crustaceans and deep-sea corals typical of those substrates.

© IRD / Sarah Samadi
Mending the trawl net

We find specimens of *Nassaria* snails, a genus on which Magalie Castelin (MNHN) focused on during her PhD thesis. In this genus, species may have very different shell shapes, depending on the habitat where they are found.

Indeed, in gastropods, differences in shell morphology may not reflect differences between species, but rather environmental differences. In this case, intra- and inter-species variations are difficult to tease apart. Using genetic tools, Magalie's work showed an unsuspected species diversity within the genus *Nassaria*.



© IRD / Sarah Samadi
Specimen of a Buccinidae snail of the genus *Nassaria*

This is a very satisfactory day for the science team. However, it gives a lot of work to the crew. The trawl net is damaged during the first trawling operation, and the trawl beam breaks during the second. While the science team is busy sieving and sorting specimens, the crew mend the net and change the broken trawl beam.



© IRD / Sarah Samadi
Changing the broken trawl beam



© IRD / Sarah Samadi
The crew mends the trawl net. Mending requires a lot of savoir-faire!

● [The Biopapua cruise weblog: see all posts](#)

Posters

These posters have been realised by Tin-Yam Chan team (NTOU Taiwan).



APPENDICES

Appendix 1

NRI, note n°. 302/2010 on 26th march, 2010, acceptance of Biopapua research programme.

Appendix 2

Biopapua cruise Report, submitted by Ralph MANA (UPNG) A Report Submitted to School of Natural and Physical Sciences, University of Papua New Guinea

Appendix 3

Chan, T.Y (2012) A new genus of deep-sea solenocerid shrimp (Crustacea: Decapoda: Penaeoidea) from the Papua New Guinea. *Journal of Crustacean Biology*, 32(3), 489-495, 2012.

Appendix 4

Pante E, Corbari L., Thubaut J., Chan TY, Mana R., Boisselier MC, Bouchet P., Samadi S. (In Press). Exploration of the deep-sea fauna of Papua New Guinea. *Oceanography*

Appendix 5

Richer de Forges B. & Corbari L. (2012) A new species of Oxypleurodon Miers, 1886 (Crustacea, Brachyura, Majoidea) from the Bismark Sea, Papua New Guinea. *Zootaxa*. 3320: 56–60

Appendix 6

Taxonomic list: specimens present in MNHN and Taiwan collections

Appendix 1

NRI, note n°. 302/2010 on 26th march, 2010, acceptance of Biopapua
research programme.

Appendix 1

NRI, note n°. 302/2010 on 26th march, 2010, acceptance of Biopapua research programme.



Note No.302/2010

The Department of Foreign Affairs and Trade of the Independent State of Papua New Guinea presents its compliments to the Embassy of the Republic of France and has the honour and pleasure to inform the latter that the Government of Papua New Guinea has granted formal approval for the French Research Vessel "RV Alis" to conduct the "BioPapua" marine scientific research in Papua New Guinea waters, as specified in the proposed area of research.

The Department also wishes to further inform the latter that, as usual, a copy of the final research outcome is required to be submitted to the Government of Papua New Guinea.

In this context, the Department kindly requests the latter to inform its relevant authorities accordingly.

The Department of Foreign Affairs and Trade of the Independent State of Papua New Guinea avails itself of this opportunity to renew to the Embassy of the Republic of France the assurances of its highest consideration.

Department of Foreign Affairs and Trade
Waigani
National Capital District

26 March 2010,

Embassy of the Republic of France
Defense Haus, 6th Floor
Port Moresby
National Capital District

Appendix 2

Biopapua cruise Report, submitted by Ralph MANA (UPNG) A Report
Submitted to School of Natural and Physical Sciences, University of
Papua New Guinea



BIOPAPUA Cruise: Highlighting the deep-sea benthic biodiversity of Papua New Guinea

A Report Submitted to School of Natural and
Physical Sciences,
University of Papua New Guinea



Dr. Ralph R. Mana
Principal Researcher-University of Papua New Guinea
BIOPAPUA Deep-sea Research Expedition 2010

April 2011

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BIOPAPUA Cruise: Highlighting the deep-sea benthic biodiversity of Papua New Guinea.

2. INTRODUCTION

The deep benthos of tropical seas represents one of the last frontiers of marine biodiversity and deep-sea research. The highly diversified marine environments and the geodynamic history of the tropical region is thought to sustain unique biological ecosystems since the first discovery of the deep-sea organisms that dwell in depths as below as 7000 m. Papua New Guinea is a region of the highest marine biodiversity of the world which is centrally located in the Indo-Pacific gradient of biodiversity referred to as coral triangle. However, the biological data of its deep-sea region are still largely unknown and the area remains unexplored by marine biologists. The only deep-sea expedition was conducted by the HMS Challenger in 1870s. Other specific targeted deep-sea investigations were carried out by foreign researchers who are affiliated with mining companies such as Misima gold mine, Lihir gold mine, Simberi gold mine, Nautilus deep-sea exploration and, Ramu Nickel and Cobalt mine. The data obtained at certain geographical locations by the mining affiliated researchers are usually classified as 'non public' data and cannot be utilized in building our knowledge of our deep-sea resources in association with the physical oceanographic features. Therefore the BIOPAPUA cruise (an integral part of the Tropical Deep-Sea Benthos research program) which is a collaborative partnership between the University of Papua New Guinea and National Museum of Natural History (MNHN) in Paris was aimed to fill this gap of biodiversity knowledge from 100 to 1500 m deep in the waters of PNG. The main objective of the deep-sea cruise BIOPAPUA was to establish a reference state of this benthic biodiversity.

2.1 OBJECTIVES

The goals of the BIOPAPUA cruise were to explore the deep-sea benthic fauna with three nested objectives:

1. Deep-sea benthic biodiversity and new species; Description of fauna and barcode species identifiers, with discovery of new species.
2. Sunken wood ecosystem; Focus on sunken wood-associated fauna and selected species through research on the functioning of this deep-sea ecosystem in an evolutionary perspective and.
3. Endemism and seamount; Endemism and seamounts by correlations between age and isolation of seamounts and composition of the benthic fauna including the understanding of dispersal strategies of the species

3. METHODS

During the BIOPAPUA cruise, low tech methods of sampling was deployed on board of the vessel. This method was based on both uses of classical fisheries technique (Trawling) and research technique (Dredging). The data on the nature of bottom were obtained with the multi-beam echosounder.

3.1 SAMPLING METHODS

The Vessel

BIOPAPUA expeditions was made possible with the support of the vessel *R.V. Alis*. This scientific vessel is owned by the Institut de Recherche pour le Développement (IRD).

BIOPAPUA Cruise: Highlighting the deep-sea benthic biodiversity of Papua New Guinea.

BIOPAPUA Deep-sea Research Expedition 2010 Report

1. EXECUTIVE SUMMARY

The marine environment is the largest of all habitats that make up the biosphere of our planet. Although the earth is 71 % ocean in area, we only explored less than 10 % of the seafloor. Most of our knowledge of marine biodiversity are derived from the coastal marine environment and its diverse ecosystems. Papua New Guinea is exception and currently PNG is considered as a region of marine biodiversity hotspot under the coral triangle initiative charter. Deep-sea is defined as epipelagic waters (water below 200 m). The photic zone extends as far as 100 m deep depending on the turbidity of the water column. Primary producers utilize light energy and provide the basis of the food chain that we are familiar with. However, from epipelagic to mesopelagic (1000 m) and bathypelagic (4000 m) zones there is no light hence primary production by photosynthesis is absent.

The first reports of unexpectedly high species diversity in bottom living communities were announced in 1967 when scientists used a new technique: the epibenthic sled to sample the deep-sea benthos (Hessler and Sanders, 1976). Most deep-sea organisms totally depend on organic fall from the epiphotic zone such as carcasses, faecal matter and sunken vegetation. Furthermore in 1977, scientists discovered the hydrothermal vents and its associated rich communities of animals on the Galapagos Rift. Ever since then, deep-sea research has become a new frontier of research on biodiversity and evolution of benthic biota.

PNG occupies 0.2 % of the world area and has 5-7 % of the known world biodiversity. The biota are mainly from terrestrial and coastal ecosystems. Conversely, the deep-sea biota of PNG are basically unknown just like other third world island-nations that don't have the know-how and resources to conduct basic research on its pristine benthic environments.

BIOPAPUA deep-sea research expedition was a timely effort by the National Museum of Natural History in Paris and the University of Papua New Guinea to conduct an inventory exercise of the deep-sea organisms that thrive at the depths ranging from 100 to 1500 m in all waters of PNG. The data obtained were interestingly satisfying to all parties involved and it is likely that a more specified cruise will be planned in the near future.

In several years time most organisms collected will be identified to taxonomic level and the data will be published in academic journals, museum monographs, and scientific communication. This is the beginning of knowledge accumulation of our rich benthic organisms and one day PNG will increase its biodiversity index further to become the Indo-Pacific 'hotspot' in marine biodiversity.

This report is the narrative of the BIOPAPUA cruise that highlighted the major parties involved and the brief baseline data of the results that comprised major groups of organisms collected. The narrative is the basis of a series of reports that will transpire into various forms to meet specific needs of relevant bodies in PNG especially in regard to Fisheries Policy, Biodiversity Management Policy and Deep-sea Policy. Without such policies in place, our rich marine resources that evolved for millions and millions of years would continue to be plundered by unscrupulous interest groups in the name of socio-economic development.

Dr. Ralph R. Mana
Principal Researcher UPNG-BioPapua Cruise

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BIOPAPUA Cruise: Highlighting the deep-sea benthic biodiversity of Papua New Guinea.



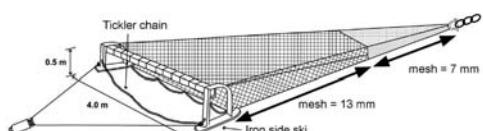
Research Vessel ALIS

Total length 28.40 m
Floating length 24.50 m
Width: 7.60 m
Raw gauge 198.80 Tx
Net gauge 77.80Tx
Total crew: 12 persons
Scientific crew: 6 persons

According to the nature of the seafloor, the dredge was deployed first on rocky substrates while trawl was more efficient on soft substrates.

Trawling (Figure 1): the standard French beam trawl is composed of a 4 meters (m) wide wooden beam that is fixed onto heavy iron runners situated at both ends of this bar. These runners serve as skids so that the trawl can glide on the sea floor. The height of the iron sides is (0.5 m, length 0.45 m, giving an effective height of 0.35 m) defines the vertical opening of the net while the beam determines the horizontal opening of the net. The heavy weight of the runners at the base of the opening of the net settles the trawl and keeps it well on the ground. A fine-mesh (15 and 12 mm) net is attached to this system; the ground rope of the net is strengthened with chain to allow digging into the sediment for stirring up organisms or substrate on and in the sediment. A tickler chain (4.5 m long, 10 kg) is placed before the net. A conical net proper is situated behind the ground rope. This conical shape allows for good filtration of the water and guides the organisms caught in the net towards the cod-end of the trawl.

The cod-end is double-layered, with an inner finer meshed bag. The trawl is connected to the warp of the ship by two wires of 4 m long forming a triangle with the beam (crowfoot). The trawl is generally deployed at a speed of 2.5-4.5 knots (with pay-out speed about 1 m/sec) and towed at 1-2.5, mostly 1.5 knots ground speed.



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French beam trawl	
Type of frame	Iron side skids (100 kg) Wooden beam (70 kg)
Span	4.0 m
Mouth height	0.5 m
Mouth width	3.8 m
Mouth area	1.9 m ²
Net length	8.8 m
Stretched mesh width	13 mm 7 mm
Total weight	230 kg
Tickler chain	4.5 m long, 10 kg



Figure 1: The French beam Trawl (technical characteristics and illustrations)

Dredging (Waren Dredge; Figure 2): a typical dredge consists of a strong metallic frame behind which is placed a net to retain sediment and fauna. The frame is connected to a wire and hauled by a boat at slow speeds (1-2 knots), sometimes slower depending on bottom roughness. The bag of the dredge is composed of several layers; an inner bag made of thinner mesh (3-5 mm) is protected by 1-2 outer layers with a larger mesh size (20-50 mm) and a stronger weave. In the Waren Dredge used during the Tropical deep sea Benthos programme and related expeditions, the external layer is made of a strong metallic ring net.



Prof. Anders Waren from Swedish National Museum of Natural Museum, Stockholm is the designer of the Waren Dredge used for dredging non-homogeneous rugged sea floor during the cruise. He is involved in deep-sea benthos research for the past 40 years.

The photograph showed Dr. Ralph Mana and Prof. Anders Waren in LEG2 of the BIOPAPUA cruise.



Figure 2: The Waren dredge

3.2 ANALYSIS METHODS: MUSEUM PROCEDURES AND EDITORIAL CONVENTIONS

Regarding precision of geographical coordinates, shipboard data result in considerably more information than was necessary for appropriate localization of the specimens collected. Positions were recorded on the bridge of the ship, often at two or more of the following times: (a) when the dredge/trawl was put out to sea and the winch starts paying off cable; (b) when the dredge/trawl reaches the bottom, the winch was stopped, and the dredge/trawl started being dragged/towed on the bottom; (c) after 20 minutes (dredge) or 30-60 minutes (trawl), the cable started being hauled back onto the winch; (d) when the dredge/trawl arrived at the surface and was hauled on board. Given the distance covered by the ship during towing (at 2-3 knots, about 2 km were covered in 30 minutes), and given the fact that the net was towed a long way behind the ship (up to several kilometres of cable may be paid out), we drew attention to the false impression of exact location that many unedited station lists may give. As a standard procedure, we had retained on the MNHN labels the position of the ship at the time when the trawl/dredge started being dragged/towed on the bottom, if known; because of the length of cable paid out and the distance of the net behind the ship, decimals of minutes of latitude/longitude did not make sense (one-tenth of a minute = 180 m) and positions were thus rounded up to the nearest minute. For depths, we retained both the depth at the time of initiation of dragging/towing (b, above) and the depth at the time of initiation of hauling (c, above).

On board MNHN procedures and editorial conventions

While at sea during the expeditions, the megafauna and larger macrofauna were sorted to phylum. "Specials", such as wood associated fauna or specific groups of molluscs (eulimids or solenogastres on hosts, cocoliniforms on organic substrates, or exceptionally fragile specimens) were kept separate. The small fractions (inferior to 1 mm) and residues that could not be sorted on board with the naked eye were bagged and either frozen or ethanol-fixed.

Sorting and preservation of specimens

The sorted organisms were photographed immediately and it was especially important for mega fauna such as fish, crustaceans, molluscs echinoderms and sponges. Major taxonomic groups were:

- * Cnidarians, Ascidians and Sponges: Specimens of hard and soft corals, gorgonians, sea anemones, other cnidarians, ascidians and sponges. The specimens were preserved in 80% ethanol. Actinaria (sea anemones): genetic samples were preserved in 80-100% ethanol; vouchers were preserved in formalin (10% in sea water, buffered with borax). Anemones were relaxed in cold sea water with menthol crystals prior to fixation. All Cnidarians but the CITES-listed Anthipatharia (black corals), Scleractinia (hard corals) and Hydrozoa (hydrozoans) were individually photographed, subsampled for genetics and preserved in 80% ethanol.
- * Fish: Specimens were identified (if possible) and photographed and preserved in formalin.
- * Echinoderms: Specimens of holothuria, echinoids, asteroids, ophiuroids as well as noting down associations with molluscs and crustaceans.
- * Crustacea and Pycnogonids: Specimens of crabs, shrimps, galatheids, lobsters, hermit crabs, barnacles and the occasional isopods and amphipods. They also photographed representative specimens of each major species before preservation.
- * Molluscs and Brachiopods: Specimens of gastropods, bivalves, cephalopods as well as noting down associations with molluscs and crustaceans. Photographs of selected samples were taken for colour records.
- * Wood and wood-associated animals: This group was tasked to work out wood hauled from the station and

collected boring molluscs and other organisms burrowing in wood. Specimens were preserved in 90% ethanol for molecular analysis, in 2.5% Glutaraldehyde for morphological studies.

* Tissue sampling and Photography (Barcode): Tissues were sampled from different species of fish, gastropods, bivalves and crustaceans. Molluscs were treated by using cold 5-8% magnesium chloride solution to relax specimens before cutting off foot tissue sample. This tissue was immersed in absolute ethanol while the rest of the body and shell were preserved in 80% ethanol.

During the expedition, each lot was labelled and packed separately according to their phylum. The material was then sorted to operational groups, which can either be a class, a family, or even artificial but practical groups. Each processed lot carried a label that explicitly provides in full: the region/country of the expedition; cruise acronym and name of the ship; station number; latitude, longitude, depth; if relevant, the name of collectors on the shipboard party. For most of the Tropical Deep-Sea Benthos cruises, station numbers were preceded by a two letter prefix that referred to the type of gear used: CP, Chalut à Perche (Beam Trawl); DW, drague Warén (Warén Dredge). Since 1985, all stations in the main MUSORSTOM cruise series are numbered consecutively (now over 4,000). When citing material in publications, each lot was unambiguously designated by the combination of the cruise acronym and station number.

(A)

Cruise name	→ Cruise Name BIOPAPUA 2010
Station number	→ Station Number CP 3656
Depth	→ Depth 641 - 677 m
Date	→ Date 22/09/2010

(B)

Munidopsis bispinoculata

Baba, 1988

MNHN-Ga-7043

Papua New Guinea, Pacifique,
BIOPAPUA, Alis, CP3656,
prof. 641 - 677 m ;
167°57'60" E, 16°39'40" S.
S. Samadi et al. coll., 22/09/2010

Figure 3: Examples of labels performed (A) during the cruise and (B) in the National Museum of Natural History (MNHN-Paris)

3.3 EQUIPMENT

3.3.1 Scientific equipment

Multibeam sounder	100kHz EM 1002 SIMRAD 93 kHz
Monobeam sounder	SIMRAD EK 500.
Sounder	FURUNO 28/200 khz.
Echosounders	SIMRAD EK60 (38, 70, 120, 200 KHz)

Installation in December 2009.

Acoustic Doppler Current Profiler

Trawl sensors	RDI 150 kHz BB
Thermosalinometer	SCANMAR
Expendable bathythermograph	SEABIRD SBE21
Meteorological sensors	SIPPICAN MK21 XBT/XCTD

Batos 1.1 D - Météo France

3.5 SURVEY PROGRAM AND EQUIPMENT

3.5.1 General survey program

The cruise was conducted during the summer 2010, from August 22nd to October 20th 2010 with an unfortunate and tragic interruption when we lost a crew member during the first LEG (40 days on sites of the study). This cruise was set into three parts (LEG).

LEG1: Departed Lae August 22nd and stopped over at Rabaul August 29th

LEG2: Cancelled

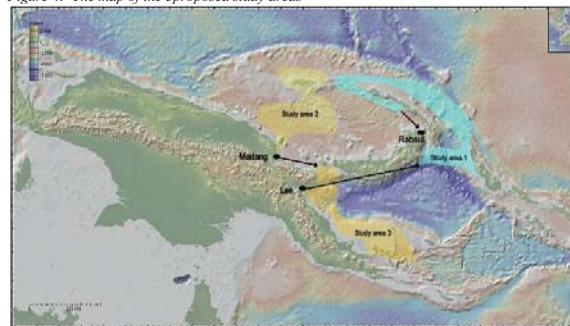
LEG3: Departed Rabaul September 1st and stopped over at Madang October 2nd

LEG4: Departed Madang October 5th and stopped over at Rabaul October 20th

Study areas was located at 3 miles from the coastline and the sampling depth range was between 100-1500 m depth for all stations. (See map below)

The first map (Fig. 4) below portrayed the 3 areas of interest initially planned for the study during the cruise however, the exact areas studied was slightly different. The exact areas surveyed are shown on the 3 maps (Fig. 5) in the results section. The 3 maps indicated the station number and the studied localities. All the stations and their respective coordinates are located at appendix 1. Some areas of interest in regard to the mining development are Astralobe Bay, New Hanover, Huon Gulf, off Rabaul and off New Ireland.

Figure 4: The map of the 3proposed study areas



4. PARTICIPATING AGENCIES

4.1 MUSEUM NATIONAL D'HISTOIRE NATURELLE (PARIS)

The National Museum of Natural History / Muséum National d'Histoire Naturelle (MNHN) has been an exceptional scientific establishment for over 300 years and is a worldwide specialist in biodiversity and naturalist and environmental issues. Created in 1635, originally as the Royal Garden, and responsible for major scientific discoveries in the field of Natural Sciences, today the Museum is a public cultural, scientific and professional institution, under the joint authority of the Ministry of Higher Education and Research and the Ministry of Ecology, Energy, Sustainable Development and Spatial Planning. At the crossroads between Earth, Life and Human sciences, the Museum exercises its vocation through five fundamental objectives: fundamental and applied research, the conservation and enrichment of collections from natural and cultural heritage, teaching,

Features related to the BIOPAPUA cruise that are worth noting

- Small footprint of the BIOPAPUA cruise (inferior to 1 Km² for the entire cruise)
- Qualitative sampling with preservation of all taxonomic groups
- Short terms sampling efforts (less than 40 days on study sites)
- No direct impact on fisheries or reefs
- Near surface environmental impacts was insignificant

expertise and the dissemination of knowledge. Strengthened by its history, the Museum has become a benchmark centre for the study and preservation of biodiversity.

A prestigious research establishment, it relies as much on field studies as on laboratories, as well as great inter-disciplinarity, exceptional collections – one of the three greatest in the world- and unique expertise. It can therefore, through various dissemination activities and its teaching activity, inform and raise awareness in many public areas about protecting our planet.

A few key figures:

- 1880 people, including 500 researchers;
- 68 million specimens in the natural history collections;
- 350 students (masters and doctoral school);
- 13 sites in Paris and the regions;
- + 2 million visitors a year.

4.2 COLLABORATING INSTITUTES IN PAPUA NEW GUINEA

The Biological Sciences Department at School of Natural and Physical Sciences, University of Papua New Guinea (UPNG) cooperated with the MNHN team for BioPapua. MNHN have been in contact with Dr Ralph Mana, Head of the Biological sciences at UPNG during the early phase of the BioPapua cruise preparation.

The objectives of this marine expedition was approved by various government agencies such as Environment and Conservation Department and National Research Institute and, Dr Mana had underlined the importance of such inventory of the deep-sea organisms and their biodiversity in PNG waters. This project would benefit PNG in a significant way in light of the current underwater sea mining exploration, conservation of marine biodiversity and fisheries. As far as possible, the collection of fishes would be duplicated during the cruise itself, with one set deposited in the 'National Fish Collection' (UPNG), and one set in MNHN. A memorandum of understanding (MoU) has been signed between the National Museum of

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Natural History (Paris, France) and the school of Natural and Physical Sciences (UPNG, Port-Moresby).

4.3 SCIENTISTS AND STUDENTS ONBOARD

The principal investigators of the project are Dr Sarah SAMADI and Dr Philippe BOUCHET, Professor, representing the Museum, and Dr Ralph MANA, Professor, representing the University, acting as umbrellas for all participants.

Below is the list of scientists involved in each LEG of the cruise and their respective affiliations.

LEG1
22/08/2011 to 29/08/2010

Scientific team

- Sarah SAMADI (researcher, IRD, Paris France)
- Justine THUBAUT (PhD Student, MNHN, Paris France)
- Tin-Yam Chan (Professor National Taiwan Ocean University, Keelung, Taiwan)
- Julie PONSARD (PhD Student, University of Liège, Belgium)
- Mao-Ying LEE (PhD Student, NTOU, Keelung, Taiwan)
- Alfred KO'OU (UPNG, Port Moresby, PNG)

LEG3
22/09/2010 to 2/10/2010

Scientific Team

- Laure CORBARI (Assistant professor, MNHN, Paris France)
- Marie-Catherine BOISSELIER (Researcher, CNRS, Paris France)
- Anders WAREN (Professor, Swedish Museum of Natural History, Stockholm Sweden)
- Gilbert DUVAL (Dr in medicine, Nantes, France)
- Jesse APONE (Student, UPNG, Port Moresby, PNG)
- Ralph MANA (Professor, UPNG, Port Moresby, PNG)

LEG4
06/10/2010 to 18/10/2010

Scientific team

- Sarah SAMADI (researcher, IRD, Paris France)
- Justine THUBAUT (PhD Student, MNHN, Paris France)
- Eric PANTE (PhD Student, University of Louisiana, Lafayette USA)
- Ruei-Ly LEE (Research assistant, NTOU, Taiwan)
- Edwin SOHUN (Research assistant, UPNG, Port Moresby PNG)
- Gilbert DUVAL (Dr in medicine, Nantes, France)

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5. TIMETABLE FOR PUBLICATIONS

5.1 IMPLEMENTATION OF THE PROGRAM / TIMETABLE FOR PUBLICATIONS

Project implementation timetable

Date	Key milestones
August-October 2010	BIOPAPUA cruise conducted
October 2010	Cruise report issued: cruise narrative, station list and maps
June 2011	Publication of outreach and education material: posters and PowerPoint presentations
September-December 2011	First detailed inventory of catches: lists of material at family level for all invertebrates, list of material at genus or species level for fishes
November or December 2011 or January 2012	Research visit of UPNG co-Principal Investigator to France
2012 and/or 2013	Research/training visits of UPNG faculty to MNHN, including training on molecular barcoding for taxonomy
End 2012 and End 2013	Yearly progress reports: lists of specimens identified; scientific papers based on specific parts of BIOPAPUA samples published in academic journals
End 2014	Final report on project: copy of database with lists of specimens lodged at UPNG; scientific publications based on BIOPAPUA samples compiled on paper and electronic version for archiving at library of UPNG

5.2 DELIVERABLES

Research Results: description of baseline condition of deep-water benthic fauna, discovery of species new to science, publication of specialist academic research papers.
Outreach: publication of education /outreach material: posters and fisheries by catch identification guide.

Outreach and education material such as posters would be distributed to respective institutions and agencies (Universities, NFA, DEC, NRI, WWF...), all maritime provinces, mining industry and others. Powerpoint presentation of the cruise would be done at the university and during the coming 4th Science and Technology Conference at University of Natural Resources and Environment Vudan campus July 2011. Next year 2012 a detailed report of the BIOPAPUA deep-sea research expedition would be released. Details of the cruise is available on this website (<http://en.ird.fr/all-the-current-events/live-science/biopapua-cruise>).

6. RESULTS TO DATE

The data derived from the BIOPAPUA cruise that became part of this this report were provided by respective specialists onboard the research vessel *Alis*. Data such as station codes and bathymetric data of the surveyed area were available. Most photographs of fish were from the PNG team. Crustacean samples were provided by the Prof. Tin-Yam Chan of National Taiwan Ocean University (NTOU). Cnidarian data came from Eric Pante, PhD Student, University of Louisiana, Lafayette USA. Other invertebrate groups data were provided by Dr. Sarah Samadi and other the scientists of MNHN. First detail inventory of catches will be made available late this year 2011 (see section 5.1). Posters of fish and crustaceans were prepared by UPNG and Taiwanese teams and funded by Dr. Tin-Yam Chan's research grant.

Fish identification will be done by the UPNG team with the assistance from Professor Kwang-Tsao Shao of Biodiversity Research Center, Academia Sinica, Taiwan (R.O.C.). Until now effort to move the 7 drums of formalin-stored specimens at Rabaul port to UPNG is unsuccessful because of the inefficiency on the part of the shipping agency. As soon as the specimens arrive at UPNG identification work on fish will commence.

Crustaceans will be sorted out in Paris at June 2011 and most of the identification work will be done by NTOU scientists and others. Cnidarians will be studied by Eric Pante and sea anemones will be identified and described by Dr. Estefania Rodriguez, at the American Museum of Natural History (New York City, USA).

Molluscs will be studied by MNHN scientists and other affiliated taxonomists. Other invertebrate groups will be studied by other scientists. Wood-associated organisms data will be analysed by Dr. Laure Corbari (Assistant professor, MNHN, Paris France) and others.

Refer to section 5.1 for BIOPAPUA timetable for project implementation and publication. It is important to note that for some specimens identification, it will take less time but for others it can take years. Consequently each organism will be treated at Phylum, Class or Order level or otherwise stated.

6.1. STATIONS AND LOCALITIES

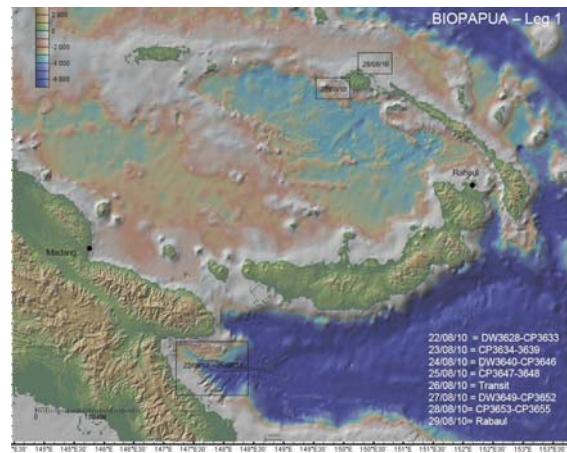
The total number of stations surveyed was 156 comprised of the 3 Legs; LEG1 (28 stations), LEG3 (54 stations) and LEG4 (74 stations). Fig. 5 showed the 3 maps for the 3 LEGs indicating the station codes and the dates of operation onboard the research vessel. In LEG1 only 3 areas were surveyed; Huon Gulf and Tami Island at Morobe Province, and Southern

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and Western Hanover in New Ireland Province. The unfortunate tragedy of a crew member shortened the cruise. In LEG3 9 areas were surveyed; off Rabaul, Open Bay, Northern Rabaul, Kimbe Bay, Vitu Islands WNB, Seamounts southern Manus island, Manus island, off Sepik River and off Madang. In LEG4 12 areas were surveyed; Astrolabe Bay, Vitiaz Strait, off Mambare Bay Oro Province, off Lancasay reefs Milne Bay Province, off Woodlark islands, seamounts off Bougainville, off Bougainville, off Feni islands, off New Ireland, Jacquinot Bay East New Britain, Wide Bay East New Britain and off Rabaul.

All the stations and their coordinates are at the appendix of this report. Depths at shooting the underwater gear, depths at trawling and depths at hauling the gear were recorded with their coordinates (see appendix).

Figure 5: The 3 maps of the studied localities, station codes and dates of survey



6.2 MAIN GROUPS OF ORGANISMS COLLECTED

Major groups of deep-sea mega faunal organisms were collected included fish, crustaceans, echinoderms, molluscs, cnidarians, ascidians, sponges and fungi. Usually it will take years for specialists throughout the world to identify the specimens down to Family or species level. In this report the emphasis will be on the data handled by UPNG and Taiwanese teams who are the custodians of the fish and crustaceans respectively. Other data were provided by Dr. Sarah Samadi and other scientists of MNHN. Eric Pante of University of Louisiana, Lafayette, USA, provided data on cnidarians and contributed to section 6.2.5. Seafloor mapping data were provided by the second officer of the research vessel *Alis*. Surveyed stations and the coordinates were made available by the MNHN team.

6.2.1 Fish and Elasmobranchs

A total of about 200+ fish species and 5 species of elasmobranches were collected. Some fish species (Fig. 6 F and G) were abundantly caught while others (Fig. 6 C, D, L, N and P) were rarely seen. Some species were caught throughout the three areas of survey while others tended to be localized in their distribution pattern. For example, one shark species (Fig. 6 G) was distributed all throughout the waters of PNG and thus found at most stations. Importantly, most of the fish specimens were not seen before by the researchers onboard research vessel *Alis*. In fact, I have not seen 99% of the fish sampled. Thus proper identification of such specimens is the primary challenge to the UPNG team and Professor K.T. Shao of Academia Sinica, Taiwan (R.O.C) who will assist in identifying the fish to Family, Genus or species level. Below are the representatives of some of the 200+ fish species caught during the entire cruise.

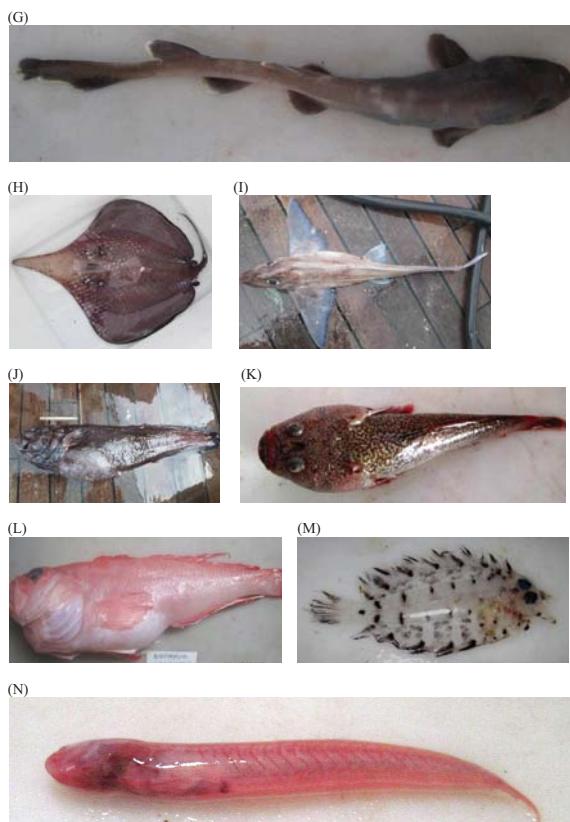
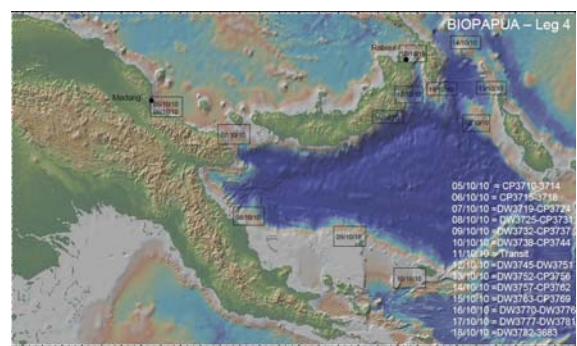
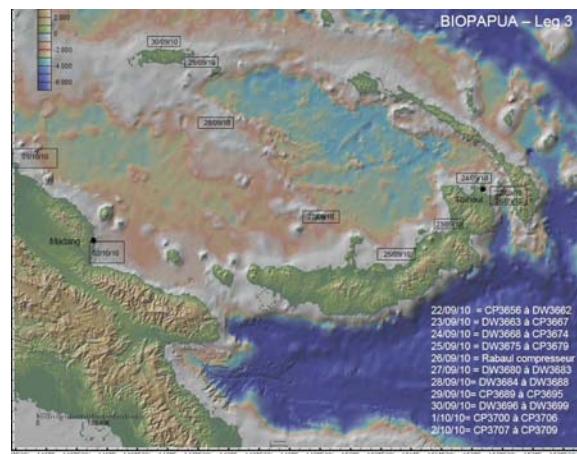
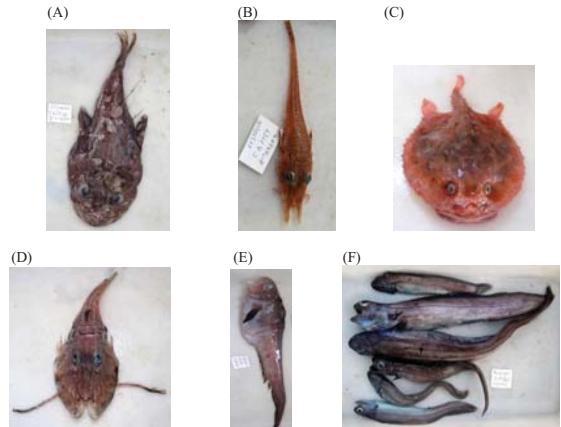




Figure 6: Some of the fish and elasmobranch fish caught during the cruise. Some fish (F) and shark (G) were caught in abundance at most stations. Few fish (J) were about a meter long. Dorsally located eyes is a common feature of many different fish (A, B, C, D and K). Deep sea ray (J) and chimaera (K) were rare. A 50 cm long red fish (L) was rarely caught and flatfish (M) was abundant at most areas. A rare small reddish fish (N), a rare puffer fish (O) and a bright orange fish (P).

6.2.3 Crustaceans

There were about 300+ crustaceans species (crabs, shrimps, lobsters, hermit crabs, barnacles, isopods and amphipods) collected during the cruise. One new Genus was discovered and is currently being described by Professor Tin-Yam Chan of National Taiwan Ocean University. Fig. 7 B and C showed the 2 new species. According to Prof. Chan 6 new species were identified so far and more are likely to show up when MNHN researchers and Prof. Chan sort out the decapod crustacean specimens in June 2011 at Paris. Some species (Fig. 7 A) were rarely seen but others were caught in abundance (Fig. 7 L). Spider crabs were caught in association with tube worms indicating the presence of hydrothermal and cold seeps. A rare spider crab was observed (Fig. 7 M). Crustaceans living in associated with other organisms were observed (Fig. 7 P).

Commercial species included Chaceon crab (Fig. 7 E and F) which is caught around the world with a high price. Puerulus, Aristeus and other shrimps (Fig. 7 G, H, I and J) were also caught and these species command medium price. Cirripedes (barnacles) were common in Basamuk/Astrolabe Bay.



Figure 7: Shrimp A) is a rare species, and B) and C) are new species collected during the cruise. D) spider crab is associated with tube worms and is found near the hydrothermal vents. E) A Chaceon crab which is a high priced species. Other commercial shrimps (G, H, I and K) were also caught at various stations. L) Species caught in abundance. M) A rare spider crab. Amphipods and isopods found in debris (N). Barnacles from Basamuk/Astrolabe Bay (O) and a hermit crab with a sea anemone (P).



6.2.4 Molluscs and Brachiopods

Gastropods (shells), bivalves (mussels, scallops and oysters) and cephalopods (squid, octopus, nautilus and cuttlefish) were handled by the MNHN scientists-Dr Sarah Samadi and others. Gastropods and bivalves came in various forms and sizes. It was revealed that some specimens were never seen before and could be new species (Fig. 8 A and B). Scallops, oysters and clams were present at various stations and some species were abundant while others were rare (Fig. 8 C). The mussels that were taken 4 miles out of Sepik river were identified as hydrothermal or cold seeps chemosynthetic mussels which derived their energy from chemosynthetic microorganisms such as bacteria (Fig. 8 D and E). The shell (F) obtained at the same location could also be chemosynthetic. There were couple of squid and octopus species obtained and they were of different sizes, some as small as 10 cm long (Fig. 8 K and L) and one species (Fig. 8 M) was more than a meter long. A bathypelagic squid with webbed arms was caught (Fig. 8 N). Co-existence was observed between shells and sea urchin (refer to section on echinoderms). This mutual/parasitic relationship is a common phenomenon observed between the invertebrates living under the harsh environmental condition at deep depths.



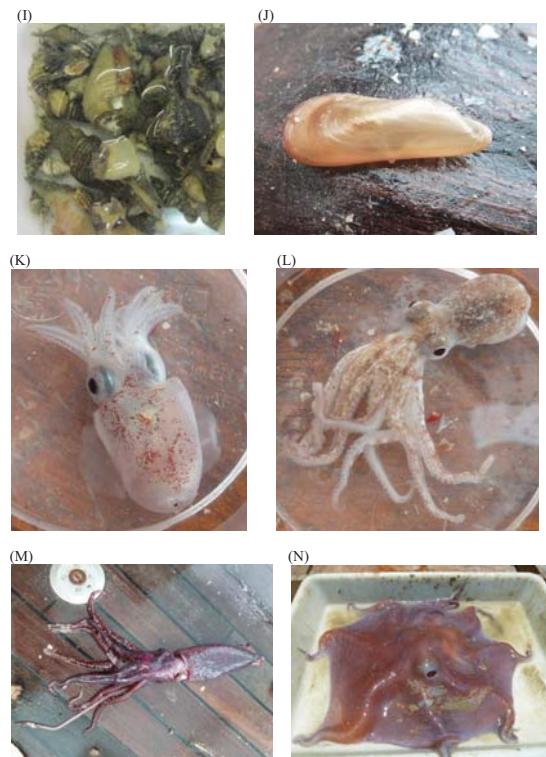
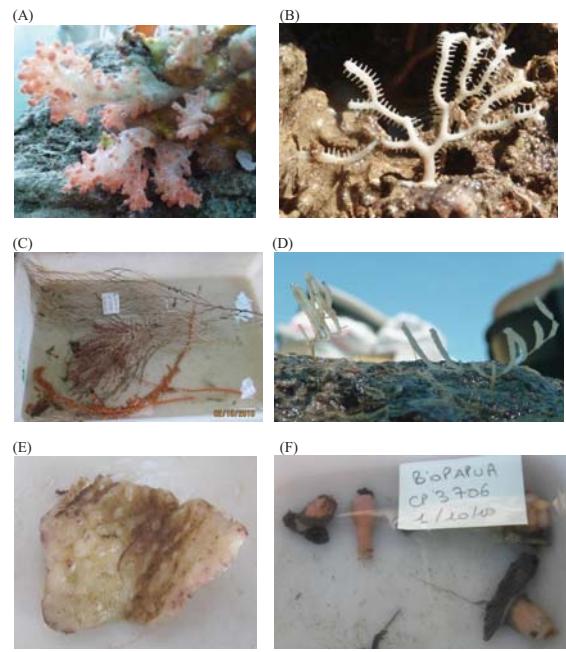


Figure 8: Many different gastropods were collected and some were new to science (A) and (B). C) A rare bivalve. The chemosynthetic mussel (D, E) and a shell were present at Sepik River samples. Shells came in different shapes (G and H) and abundance (I,J). J) A common mussel. A small squid (K) and octopus (L) and a one meter long squid (M). N) A squid with webbed arms.



6.2.5 Cnidarians, Ascidiants and Sponges

Cnidarians (hard and soft corals, sea anemones and sea pens) and ascidiants (tunicates) were handled by the USA and NMNH teams. Dr. Sarah Samadi of MNHN provided most of the data on these groups of animals and Eric Pante of University of Louisiana, USA provided the rest of the data. The sea anemones will be identified and described by Dr. Estefania Rodriguez at the American Museum of Natural History (New York City, USA).

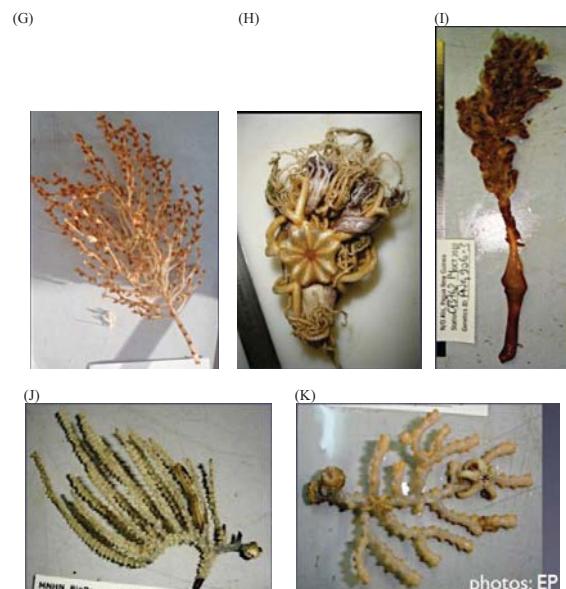
Nephtheid soft corals (Octocorallia) (Fig. 9 A) were collected in some of the stations at 1000m depth. Other types of Cnidarians such as hydrocoral (Hydrozoa) (Fig. 9 B), orange whip, sea pen, cream branching corals and octocorals of the family Primnoidae (Fig. 9 C) were also seen and some were common species. Other types of sea pens, sea fans, hydroids, black coral and zoanthid were observed (Fig. 9 G-K). These group of corals were seen associated with sea stars (Fig. 9 H and K). Gorgonian or Chrysogorgiid corals (n=57) were prevalent at most stations (Fig. 9 L-P). Association with other organisms were observed: octocoral of the family Chrysogorgiidae (*Chrysogorgia sp.*) associated with a galatheid crab or squat lobster (Fig. 8 P) and an unidentified octocoral with an ophiuroid arm (Mollusc) (Fig. 9 X).

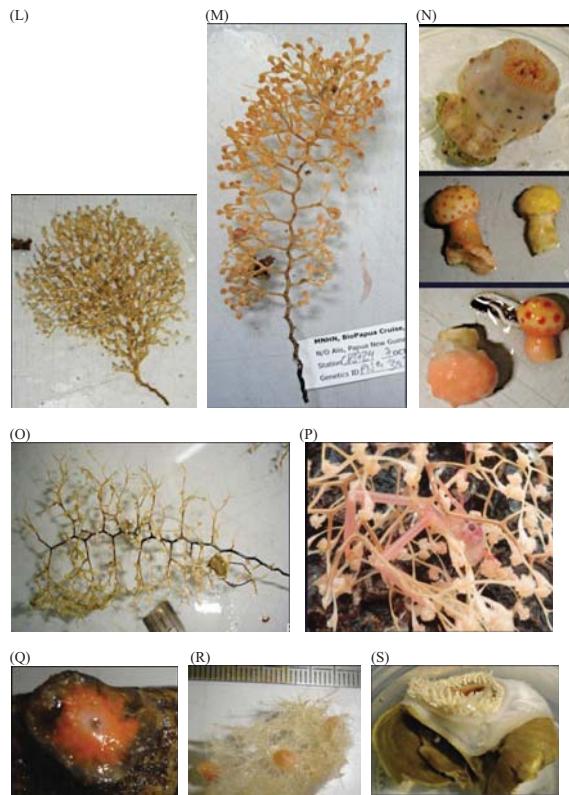
Several species of sea anemones were caught at most stations. Some sea anemones (Actinaria) were collected in abundance (Fig. 9 D). Ring sea anemones were usually observed attached on various substrates (Fig. 9 N). Others were associated with different substrates (Fig. 9 P-X). Such relationship could be parasitic or symbiotic in nature.

Several species of sponges were observed at several stations but were not common (Fig. 9 E).

Eric Pante's Box

Cnidarians (excluding the CITES-listed black corals, hard corals and hydrocorals) were collected at 70 stations (i.e. almost half of the stations surveyed), between 160 and 1390 m depth. Sea anemones, sea pens, soft corals and scleractinians were particularly prevalent, and reflected the diversity of habitats sampled. Among soft corals, the families Chrysogorgiidae, Primnoidae and Isididae (bamboo corals) were particularly well represented. Specimens from these families will be used in phylogenetic analyses currently ongoing at the University of Louisiana at Lafayette. At least one genus (of the family Isididae) was recognized onboard as new to science. Sea anemones were seen in association with numerous organisms, including different octocoral species, hermit crabs (Fig. 7P), and hexactinellid sponges. A wealth of ring sea anemones (highly-specialised sea anemones that wrap their pedal disc around the axial skeleton of gorgonians) was collected. These organisms are extremely poorly known, and the collections of BioPapua will certainly significantly contribute to their characterization. Ring sea anemones are noteworthy, because they were first characterized from the waters of Papua New Guinea (Hiles 1899). Multiple associations were observed between gorgonian corals and other organisms (Fig. 9 L-P), such as galatheid crabs, stalked crinoids, ring anemones, and egg masses. Fifty five specimens of the octocoral genus *Chrysogorgia* were sampled. This genus is currently being used as a model system to study the evolution of deep-sea corals from seamounts and island slopes, and the BioPapua specimens will soon be integrated in a large-scale biogeographic study.





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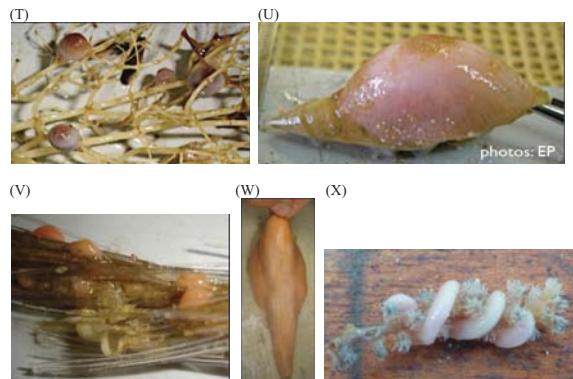
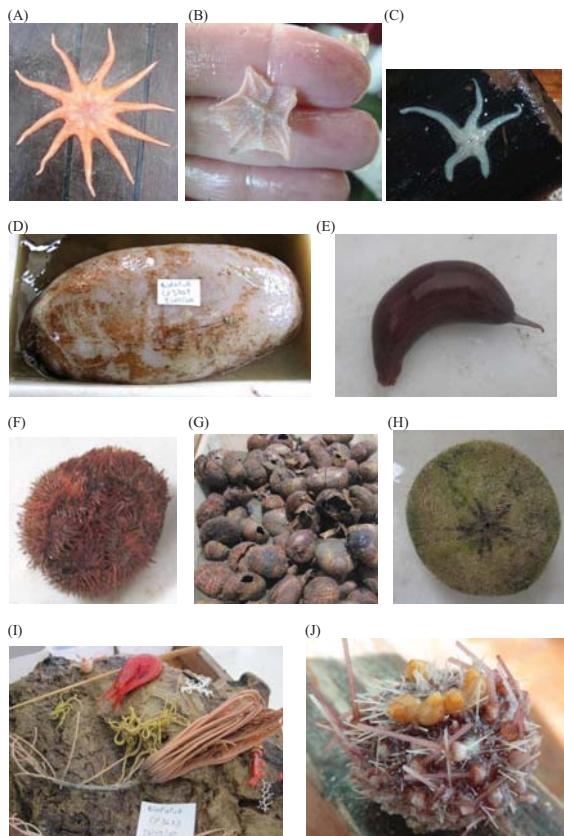


Figure 9: Nephtheid soft coral of family Octocorallia (A), hydrocoral (hydrozoa) (B), orange whip, sea pen, cream, branching coral-octocorals of the family Primnoidae (C), unknown cnidarians (D), sponge (E). Actinarian sea anemones (F), sea pans, sea fans, hydroids, black coral and zoanthid (G-K), association with sea stars (H and K), gorgonian corals (L, M and O) and association with a squat lobster (P) and mollusc ophiuroid arm (X). Ring sea anemones (N) and association with various substrates (Q-W).

6.2.6 Echinoderms

Asteroids (sea stars), Holothurians (sea cucumber), Echinoids (sea urchins and sand dollars) and Crinoids (sea lilies) were collected. Some sea stars were big (Fig. 10 A) while others (Fig. 10 B and C) were about 10cm in diameter. Only a few sea stars with 10 podia (leg-like structures) were collected. Various sea star species with 5 podia were common at most stations. Sea cucumbers were regularly caught and few were comparatively large (40cm long) as in (Fig. 10 D) while others were rare (Fig. 10 E). Various species of sea urchins were seen and few of them (Fig. 10 F and G) were abundant at the Sepik River and Basamuk/Astrolabe Bay stations. Others (Fig. 10 H) were collected at only a few stations. A few types of deep-sea Crinoids (sea lilies) were observed especially at hard rocky bottom (Fig. 10 I). Sea lilies were the most primitive of the echinoderms in evolutionary sense. Association with other organism such as gastropod were observed (Fig. 10 J). This mutual/parasitic relationship between deep-sea organisms is a common phenomenon involving mostly the invertebrates that thrive at the extreme environmental conditions.



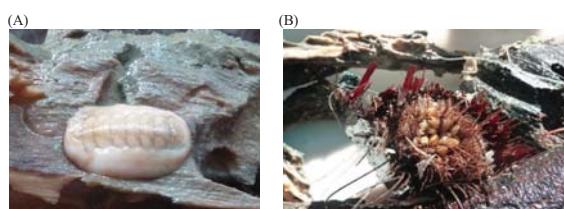
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Figure 10: Various types of sea stars, big and small (A, B, and C). Some sea cucumbers were rare (D and E) but others were commonly caught. Sea urchins (F and G) were abundant at muddy substrates seafloor such as Sepik River and Basamuk/Astrolabe Bay stations. Various sea lilies (I) and a sea urchin associated with numerous shells (J).

6.2.7 Wood and wood-associated animals

Wood were commonly caught with the catch at most stations. MNHN scientist (Dr. Sarah Samadi) provided biota living on sunken wood for our data. The wood-associated animals is an interesting field of research in understanding deep-sea ecosystems and evolution where the source of energy is not light-driven (photosynthesis) as in photic zone (100m deep). Instead the energy source now is thought to come from the whale fall, chemosynthesis by bacteria utilizing methane and sulphide at hydrothermal vents and cold seeps and the sunken vegetation. In chemosynthesis bacteria utilize methane and sulphide as energy source at the hydrothermal vents and cold seeps that form the basis of the food chain for the organisms that thrive in the harsh environment- complete darkness, extremely hot vent water and tremendous water pressure. Sunken wood is a rich source of stored energy and those organisms that can unlock and utilize the energy would provide a new source of energy at great depths. Such sources of energy in turn provide the basis for new ecosystems found in deep-sea environment.

Associated with sunken wood we found several groups of organisms such as chiton (Mollusc) (Fig. 11 A), molluscs (Fig. 11 B, C and D), crustaceans (Fig. 11 E and F), echinoderms (Figs. 11 G, H and I) and annelid (Fig. 11 J). Sometimes we observed more than one organism thriving on a sunken wood. The chronology of colonization of the wood would normally be sequential as for the mollusc and annelid worm (Fig. 11 I) thriving together side by side on the sunken wood.



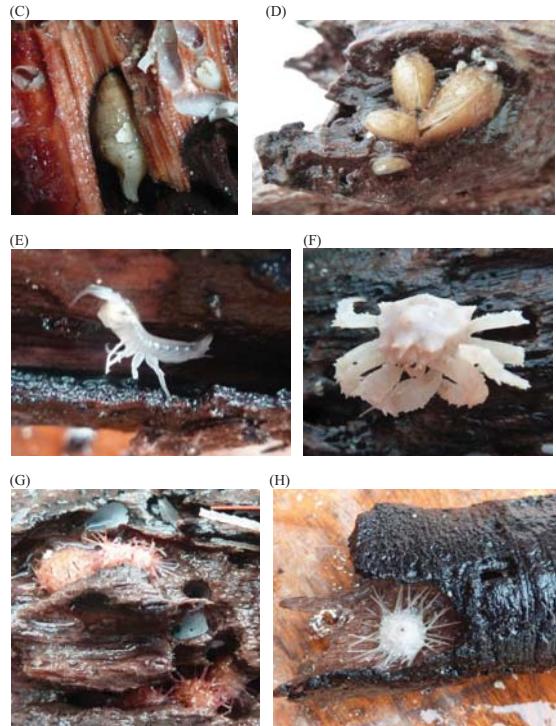


Figure 11: Organisms associated with wood were numerous. A) chiton mollusc, B)gastropod shells, C)shell, D)bivalves, E) crustacean, F)crab, G)holothuroid, H and I) asteroids, and J) annelid worms.

6.2.8 Other organisms and organisms less than 1mm

We were also confronted with strange deep-sea organisms that were very rare. The Pycnogonida sea spider species of Phylum Arthropoda (Fig. 12 A) was an example. A rare polychaete worm (Annelida) (Fig. 12 B) with numerous white dorsal parapodia were observed on hard substrate. Fish with its associated organisms such as sea anemone (Fig. 12 C) and others (Fig. 12 D) were observed. The data were provided by Dr. Sarah Samadi.

The small fractions smaller than 1 mm (containing meiofaunal organisms) and residues that could not be sorted onboard with naked eye were bagged and 80% ethanol-fixed. In LEG2 Prof. Waren handled the residues.

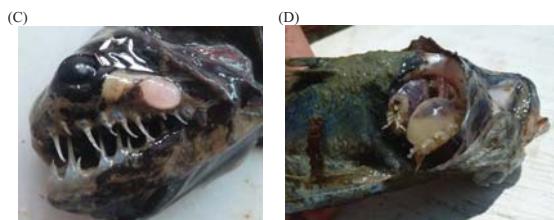
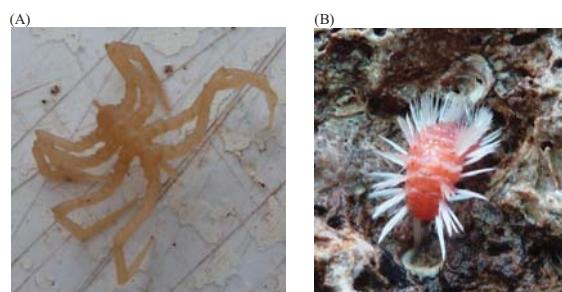


Figure 12: A) sea spider. B) polychaete worm. Hosts and parasites found in deep-sea fish (C and D).

6.3 GEOMORPHOLOGICAL AND OCEANOGRAPHIC FEATURES

Mapping of the seafloor in each station area provided a rich source of data of the physical characteristics of each surveyed region. Analysis of mapping data and combining with seafloor substrates and organisms collected at each station, we could demonstrate the presence of geomorphological features such as deep-sea canyons, ridges, hydrothermal vents and cold seeps. For example, the seafloor mapping data indicated a few major canyons and terrains at Basamuk Bay (Figure 13). Such analysis would be done in due course. Physical oceanographic features such as sea currents were observed in places like Northern Manus and Basamuk/Astrolabe Bay.

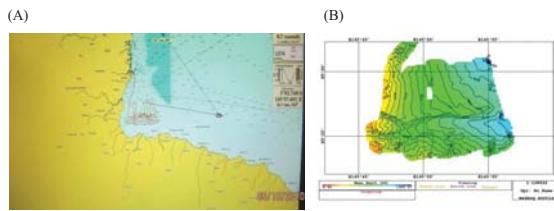
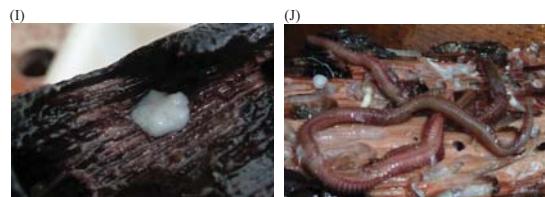


Figure 13: Map of Basamuk/Astrolabe Bay (A) and the bathymetric contour of the surveyed area (B) indicating a canyon and numerous terrains.



6.4 SUMMARY

A brief baseline results of the major Phyla of organisms collected during the BIOPAPUA cruise were mentioned and new species were indicated accordingly to illustrate for the first time the deep-sea benthic biodiversity of PNG. Wood associated organisms were demonstrated. Further analysis of the data will reveal many new aspects of the deep-sea ecosystems, and the physical and geomorphological features that support such a rich biodiversity. Seamounts and endemism data will then be available. According to the project timetable, by the end of 2011, the first detailed inventory of catches of the major groups of benthic organisms should be sorted out into Family, Genus or species level. Fish will be handled by UPNG team and Professor Kwang-Tsao Shao of Biodiversity Research Center, Academia Sinica, Taiwan (R.O.C). Crustaceans will be studied by Dr. Tin-Yam Chan and others. Other invertebrates will be sorted out by MNHN scientists and other researchers throughout the world. Most of the data and publications will be made available to Dr. Ralph Mana, Biological Sciences Division. Next year 2012 a detailed report of the BIOPAPUA deep-sea research expedition will be released. Details of the cruise is available on this website (<http://en.ird.fr/all-the-current-events/live-science/biopapua-cruise>).

7. ACKNOWLEDGMENTS

I would first like to thank the MNHN in Paris and the French Government for funding the BIOPAPUA cruise as part of the bigger Tropical Deep-Sea Benthos program. Special thanks are extended to the Captain of the research vessel *Alis* and the friendly and hardworking crew members. Without their seaman spirit and expertise the cruise would not have been a success. My colleagues Dr. Sarah Samadi of MNHN provided most of the photographs on invertebrate groups and wood-associated animals while Dr. Tin-Yam Chan of National Taiwan Ocean University contributed most photographs of crustaceans for this report. Eric Pante at University of Louisiana, USA provided data and contributed to the section on cnidarians. Maps, stations and station coordinates were made available by the MNHN team. I appreciated the understanding of the Division of Biological Sciences for the logistical support that was provided and the dean of School of Natural and Physical Sciences Prof. Frank Griffin for signing the MoU between UPNG and MNHN that set forth the process of project implementation in 2009. I must also mention the support that was shown by the Department of Environment and Conservation and Jim Robins of National Research Institute. Finally but not the least without the dedication and commitment of PNG team members- Mr. Alfred Kooou and Mr. Edwin Sobun, we would not have sampled over 200 species of deep-sea fish. Editing of the first draft by my overseas colleagues yielded the final report.

8. REFERENCES

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							GUINEA			
30/09/2010	N/O ALIS	BIOPAP UA 2010	252	01°54'. 960"S	147°07'. 310"E	PAPUA NEW GUINEA	Manus Island			
01/10/2010	N/O ALIS	BIOPAP UA 2010	215	213	03°55'. 423"S	144°39'. 466"E	03°56'. 134"S	144°40'. 370"E	PAPUA NEW GUINEA	Off Sepik River
01/10/2010	N/O ALIS	BIOPAP UA 2010	198	219	03°55'. 840"S	144°39'. 750"E	03°56'. 760"S	144°40'. 710"E	PAPUA NEW GUINEA	Off Sepik River
01/10/2010	N/O ALIS	BIOPAP UA 2010	80	91	03°55'. 960"S	144°38'. 670"E	03°56'. 900"S	144°39'. 660"E	PAPUA NEW GUINEA	Off Sepik River
01/10/2010	N/O ALIS	BIOPAP UA 2010	361	750	03°54'. 370"S	144°39'. 110"E	03°52'. 540"S	144°40'. 700"E	PAPUA NEW GUINEA	Off Sepik River
01/10/2010	N/O ALIS	BIOPAP UA 2010	400	656	03°50'. 030"S	144°36'. 960"E	03°49'. 250"S	144°39'. 090"E	PAPUA NEW GUINEA	Off Sepik River
01/10/2010	N/O ALIS	BIOPAP UA 2010	280	550	03°49'. 090"S	144°35'. 390"E	03°47'. 750"S	144°35'. 900"E	PAPUA NEW GUINEA	Off Sepik River
01/10/2010	N/O ALIS	BIOPAP UA 2010	720	729	03°47'. 500"S	144°38'. 060"E	03°47'. 690"S	144°38'. 690"E	PAPUA NEW GUINEA	Off Sepik River
02/10/2010	N/O ALIS	BIOPAP UA 2010	460	466	05°00'. 426"S	145°49'. 742"E	04°58'. 872"E	145°49'. 516"E	PAPUA NEW GUINEA	Off Madang
02/10/2010	N/O ALIS	BIOPAP UA 2010	529	502	05°01'. 270"S	145°50'. 210"E	04°58'. 440"S	145°49'. 760"E	PAPUA NEW GUINEA	Off Madang
02/10/2010	N/O ALIS	BIOPAP UA 2010	675	640	05°01'. 110"S	145°51'. 450"E	04°58'. 130"S	145°51'. 580"E	PAPUA NEW GUINEA	Off Madang
05/10/2010	N/O ALIS	BIOPAP UA 2010	372	384	05°23'. 290"S	145°47'. 250"E	05°21'. 610"S	145°47'. 720"E	PAPUA NEW GUINEA	Astrolabe Bay
05/10/2010	N/O ALIS	BIOPAP UA 2010	434	447	05°20'. 920"S	145°48'. 220"E	05°23'. 030"S	145°48'. 060"E	PAPUA NEW GUINEA	Astrolabe Bay
05/10/2010	N/O ALIS	BIOPAP UA 2010	551	550	05°20'. 310"S	145°49'. 000"E	05°22'. 330"S	145°49'. 140"E	PAPUA NEW GUINEA	Astrolabe Bay
05/10/2010	N/O ALIS	BIOPAP UA 2010	610	608	05°20'. 130"S	145°49'. 680"E	05°22'. 480"S	145°50'. 040"E	PAPUA NEW GUINEA	Astrolabe Bay
05/10/2010	N/O ALIS	BIOPAP UA 2010	676	720	05°22'. 560"S	145°51'. 290"E	05°20'. 370"S	145°50'. 920"E	PAPUA NEW GUINEA	Astrolabe Bay
06/10/2010	N/O ALIS	BIOPAP UA 2010	628	780	05°24'. 655"S	145°48'. 612"E	05°24'. 050"S	145°51'. 070"E	PAPUA NEW GUINEA	Astrolabe Bay
06/10/2010	N/O ALIS	BIOPAP UA 2010	760	825	05°24'. 000"S	145°50'. 550"E	05°23'. 920"S	145°53'. 200"E	PAPUA NEW GUINEA	Astrolabe Bay
06/10/2010	N/O ALIS	BIOPAP UA 2010	850	945	05°24'. 420"S	145°53'. 190"E	05°26'. 540"S	145°55'. 780"E	PAPUA NEW GUINEA	Astrolabe Bay
06/10/2010	N/O ALIS	BIOPAP UA 2010	851	865	05°22'. 530"S	145°55'. 550"E	05°20'. 850"S	145°53'. 710"E	PAPUA NEW GUINEA	Astrolabe Bay
07/10/2010	N/O ALIS	BIOPAP UA 2010	410	410	06°04'. 147"S	147°37'. 141"E	06°03'. 341"S	147°36'. 087"E	PAPUA NEW GUINEA	Vitiaz strait
07/10/2010	N/O ALIS	BIOPAP UA 2010	520	523	06°02'. 920"S	147°35'. 730"E	06°02'. 520"S	147°35'. 190"E	PAPUA NEW GUINEA	Vitiaz strait
07/10/2010	N/O ALIS	BIOPAP UA 2010	554	542	06°02'. 909"S	147°34'. 930"E	06°03'. 230"S	147°36'. 590"E	PAPUA NEW GUINEA	Vitiaz strait
07/10/2010	N/O ALIS	BIOPAP UA 2010	608	625	06°02'. 850"S	147°37'. 180"E	06°01'. 430"S	147°35'. 170"E	PAPUA NEW GUINEA	Vitiaz strait

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							GUINEA			
12/10/2010	N/O ALIS	BIOPAP UA 2010	392	398	05°34'. 560"S	154°00'. 510"E	05°36'. 630"S	154°00'. 680"E	PAPUA NEW GUINEA	Seamounts, off Bougainville
12/10/2010	N/O ALIS	BIOPAP UA 2010	620	663	05°37'. 130"S	154°00'. 080"E	05°39'. 190"S	153°58'. 900"E	PAPUA NEW GUINEA	Seamounts, off Bougainville
12/10/2010	N/O ALIS	BIOPAP UA 2010	660	654	05°41'. 240"S	154°00'. 100"E	05°39'. 460"S	153°59'. 160"E	PAPUA NEW GUINEA	Seamounts, off Bougainville
12/10/2010	N/O ALIS	BIOPAP UA 2010	768	735	05°35'. 070"S	154°03'. 210"E	05°37'. 290"S	154°03'. 590"E	PAPUA NEW GUINEA	Seamounts, off Bougainville
13/10/2010	N/O ALIS	BIOPAP UA 2010	412		05°04'. 280"S	154°30'. 870"E			PAPUA NEW GUINEA	Off Bougainville
13/10/2010	N/O ALIS	BIOPAP UA 2010	608		05°04'. 600"S	154°29'. 310"E			PAPUA NEW GUINEA	Off Bougainville
13/10/2010	N/O ALIS	BIOPAP UA 2010	632	615	05°03'. 800"S	154°29'. 200"E	05°02'. 360"E	154°29'. 360"E	PAPUA NEW GUINEA	Off Bougainville
13/10/2010	N/O ALIS	BIOPAP UA 2010	662		05°03'. 530"S	154°28'. 990"E			PAPUA NEW GUINEA	Off Bougainville
13/10/2010	N/O ALIS	BIOPAP UA 2010	750		04°59'. 400"S	154°28'. 600"E			PAPUA NEW GUINEA	Off Bougainville
14/10/2010	N/O ALIS	BIOPAP UA 2010	214		04°01'. 096"S	153°36'. 376"E			PAPUA NEW GUINEA	Off Feni Islands
14/10/2010	N/O ALIS	BIOPAP UA 2010	278	298	04°00'. 950"S	153°35'. 780"E	04°00'. 190"S	153°36'. 360"E	PAPUA NEW GUINEA	Off Feni Islands
14/10/2010	N/O ALIS	BIOPAP UA 2010	287	352	03°59'. 690"S	153°37'. 070"E	04°00'. 400"S	153°35'. 530"E	PAPUA NEW GUINEA	Off Feni Islands
14/10/2010	N/O ALIS	BIOPAP UA 2010	613	660	03°59'. 040"S	153°34'. 480"E	03°57'. 560"S	153°36'. 760"E	PAPUA NEW GUINEA	Off Feni Islands
14/10/2010	N/O ALIS	BIOPAP UA 2010	760	823	03°57'. 350"S	153°43'. 520"E	03°58'. 570"S	153°45'. 760"E	PAPUA NEW GUINEA	Off Feni Islands
14/10/2010	N/O ALIS	BIOPAP UA 2010	995	105	03°57'. 260"S	153°48'. 610"E			PAPUA NEW GUINEA	Off Feni Islands
15/10/2010	N/O ALIS	BIOPAP UA 2010	160	170	04°40'. 434"S	153°02'. 688"E	04°39'. 534"S	153°02'. 952"E	PAPUA NEW GUINEA	Off New Ireland
15/10/2010	N/O ALIS	BIOPAP UA 2010	220		04°39'. 090"S	153°03'. 600"E			PAPUA NEW GUINEA	Off New Ireland
15/10/2010	N/O ALIS	BIOPAP UA 2010	470	620	04°36'. 510"S	153°04'. 500"E			PAPUA NEW GUINEA	Off New Ireland
15/10/2010	N/O ALIS	BIOPAP UA 2010	400	406	04°41'. 760"S	153°04'. 250"E	04°43'. 920"S	153°04'. 220"E	PAPUA NEW GUINEA	Off New Ireland
15/10/2010	N/O ALIS	BIOPAP UA 2010	340		04°52'. 470"S	152°55'. 580"E			PAPUA NEW GUINEA	Off New Ireland
15/10/2010	N/O ALIS	BIOPAP UA 2010	360	325	04°46'. 230"S	152°47'. 700"E	04°47'. 740"S	152°48'. 540"E	PAPUA NEW GUINEA	Off New Ireland
15/10/2010	N/O ALIS	BIOPAP UA 2010	300		04°48'. 420"S	152°48'. 920"E			PAPUA NEW GUINEA	Off New Ireland
16/10/2010	N/O ALIS	BIOPAP UA 2010	220	294	05°32'. 900"S	151°31'. 600"E	05°33'. 900"S	151°31'. 800"E	PAPUA NEW GUINEA	Jacquinot Bay (New Britain)
16/10/2010	N/O ALIS	BIOPAP UA 2010	295	422	05°33'. 470"S	151°31'. 880"E	05°34'. 260"S	151°32'. 960"E	PAPUA NEW GUINEA	Jacquinot Bay (New Britain)

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07/10/2010	N/O ALIS	BIOPAP UA 2010	701	700	06°02'. 030"S	147°37'. 490"E	05°59'. 860"S	147°35'. 750"E	PAPUA NEW GUINEA	Vitiaz strait
07/10/2010	N/O ALIS	BIOPAP UA 2010	880	860	05°57'. 190"S	147°37'. 440"E	05°58'. 610"S	147°38'. 580"E	PAPUA NEW GUINEA	Vitiaz strait
08/10/2010	N/O ALIS	BIOPAP UA 2010	410	444	07°53'. 385"S	148°00'. 926"E	07°53'. 056"E	148°00'. 050"E	PAPUA NEW GUINEA	Off Mambare bay
08/10/2010	N/O ALIS	BIOPAP UA 2010	460		07°52'. 750"S	147°59'. 785"E			PAPUA NEW GUINEA	Off Mambare bay
08/10/2010	N/O ALIS	BIOPAP UA 2010	459	476	07°53'. 010"S	148°00'. 770"E	07°53'. 320"S	148°02'. 400"E	PAPUA NEW GUINEA	Off Mambare bay
08/10/2010	N/O ALIS	BIOPAP UA 2010	498	501	07°53'. 200"S	148°02'. 510"E	07°52'. 500"S	148°00'. 620"E	PAPUA NEW GUINEA	Off Mambare bay
08/10/2010	N/O ALIS	BIOPAP UA 2010	575	655	07°51'. 410"S	148°00'. 270"E	07°51'. 820"S	148°02'. 730"E	PAPUA NEW GUINEA	Off Mambare bay
08/10/2010	N/O ALIS	BIOPAP UA 2010	750	710	07°51'. 430"S	148°01'. 580"E	07°50'. 630"S	148°01'. 300"E	PAPUA NEW GUINEA	Off Mambare bay
08/10/2010	N/O ALIS	BIOPAP UA 2010	895	115	07°51'. 810"S	148°01'. 250"E	07°49'. 600"S	148°03'. 770"E	PAPUA NEW GUINEA	Off Mambare bay
09/10/2010	N/O ALIS	BIOPAP UA 2010	340	358	08°16'. 160"S	150°31'. 200"E	08°16'. 390"S	150°29'. 460"E	PAPUA NEW GUINEA	Off Lancasay reefs
09/10/2010	N/O ALIS	BIOPAP UA 2010	353		08°16'. 400"S	150°29'. 940"E			PAPUA NEW GUINEA	Off Lancasay reefs
09/10/2010	N/O ALIS	BIOPAP UA 2010	389		08°15'. 900"S	150°29'. 580"E			PAPUA NEW GUINEA	Off Lancasay reefs
09/10/2010	N/O ALIS	BIOPAP UA 2010	450	500	08°15'. 640"S	150°32'. 840"E	08°15'. 050"E	150°34'. 810"E	PAPUA NEW GUINEA	Off Lancasay reefs
09/10/2010	N/O ALIS	BIOPAP UA 2010	760	769	08°14'. 670"S	150°34'. 700"E	08°13'. 960"S	150°32'. 180"E	PAPUA NEW GUINEA	Off Lancasay reefs
09/10/2010	N/O ALIS	BIOPAP UA 2010	587		08°14'. 790"S	150°44'. 840"E			PAPUA NEW GUINEA	Off Lancasay reefs
10/10/2010	N/O ALIS	BIOPAP UA 2010	473	491	09°05'. 586"S	152°13'. 842"E	09°06'. 649"S	152°14'. 164"E	PAPUA NEW GUINEA	Off Woodlark Islands
10/10/2010	N/O ALIS	BIOPAP UA 2010	503	546	09°07'. 440"S	152°14'. 080"E	09°09'. 250"S	152°14'. 740"E	PAPUA NEW GUINEA	Off Woodlark Islands
10/10/2010	N/O ALIS	BIOPAP UA 2010	556	645	09°09'. 820"S	152°15'. 100"E	09°11'. 930"S	152°16'. 140"E	PAPUA NEW GUINEA	Off Woodlark Islands
10/10/2010	N/O ALIS	BIOPAP UA 2010	694	766	09°12'. 690"S	152°16'. 530"E	09°14'. 410"S	152°17'. 740"E	PAPUA NEW GUINEA	Off Woodlark Islands
10/10/2010	N/O ALIS	BIOPAP UA 2010	448	470	09°08'. 190"E	152°18'. 610"E	09°08'. 020"S	152°18'. 810"E	PAPUA NEW GUINEA	Off Woodlark Islands
10/10/2010	N/O ALIS	BIOPAP UA 2010	540	585	09°08'. 480"S	152°17'. 620"E	09°10'. 850"S	152°15'. 590"E	PAPUA NEW GUINEA	Off Woodlark Islands
10/10/2010	N/O ALIS	BIOPAP UA 2010	776	856	09°14'. 310"S	152°16'. 010"E	09°17'. 010"S	152°17'. 200"E	PAPUA NEW GUINEA	Off Woodlark Islands
12/10/2010	N/O ALIS	BIOPAP UA 2010	369	377	05°53'. 595"S	154°00'. 859"E	05°54'. 960"S	154°00'. 311"E	PAPUA NEW GUINEA	Seamounts, off Bougainville
12/10/2010	N/O ALIS	BIOPAP UA 2010	455	524	05°53'. 760"S	154°01'. 180"E	05°53'. 670"S	153°59'. 830"E	PAPUA NEW GUINEA	Seamounts, off Bougainville
12/10/2010	N/O ALIS	BIOPAP UA 2010	458		05°53'. 210"S	153°59'. 300"E			PAPUA NEW GUINEA	Seamounts, off Bougainville</

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					119°S	135°E	684°S	367°E	NEW GUINEA	Hanover
27/08/2010	N/O ALIS	BIOPAP UA 2010	805	823	02°40'. 715'S	150°05'. 922'E	02°39'. 178'S	150°03'. 229'E	PAPUA NEW GUINEA	Southern New Hanover
27/08/2010	N/O ALIS	BIOPAP UA 2010	840	865	02°37'. 809'S	150°02'. 904'E	02°41'. 027'S	150°03'. 229'E	PAPUA NEW GUINEA	Southern New Hanover
27/08/2010	N/O ALIS	BIOPAP UA 2010	101	139	02°42'. 962'S	150°03'. 370'E	02°44'. 283'S	149°59'. 980'E	PAPUA NEW GUINEA	Southern New Hanover
28/08/2010	N/O ALIS	BIOPAP UA 2010	700	680	02°12'. 200'S	150°22'. 700'S	02°12'. 700'S	150°23'. 400'E	PAPUA NEW GUINEA	Western New Hanover
28/08/2010	N/O ALIS	BIOPAP UA 2010	490	505	02°14'. 700'S	150°18'. 321'E	02°14'. 040'S	150°15'. 613'E	PAPUA NEW GUINEA	Western New Hanover
28/08/2010	N/O ALIS	BIOPAP UA 2010	440	402	02°15'. 271'S	150°13'. 842'E	02°15'. 073'S	150°15'. 555'E	PAPUA NEW GUINEA	Western New Hanover
22/09/2010	N/O ALIS	BIOPAP UA 2010	266	276	04°19'. 480'S	152°17'. 980'E	04°19'. 460'S	152°18'. 980'E	PAPUA NEW GUINEA	Off Rabaul
22/09/2010	N/O ALIS	BIOPAP UA 2010	350	370	04°18'. 540'S	152°21'. 950'E	04°18'. 370'S	152°20'. 100'E	PAPUA NEW GUINEA	Off Rabaul
22/09/2010	N/O ALIS	BIOPAP UA 2010	400	412	04°17'. 380'S	152°18'. 870'E	04°17'. 410'S	152°20'. 760'E	PAPUA NEW GUINEA	Off Rabaul
22/09/2010	N/O ALIS	BIOPAP UA 2010	508	508	04°16'. 200'S	152°18'. 050'E	04°14'. 150'S	152°16'. 700'E	PAPUA NEW GUINEA	Off Rabaul
22/09/2010	N/O ALIS	BIOPAP UA 2010	680	720	04°10'. 730'S	152°15'. 490'E	04°09'. 180'S	152°16'. 200'E	PAPUA NEW GUINEA	Off Rabaul
22/09/2010	N/O ALIS	BIOPAP UA 2010	750	790	04°08'. 590'S	152°16'. 590'E	04°07'. 050'S	152°17'. 080'E	PAPUA NEW GUINEA	Off Rabaul
22/09/2010	N/O ALIS	BIOPAP UA 2010	840	102	04°06'. 080'S	152°16'. 550'E	04°04'. 540'S	152°16'. 350'E	PAPUA NEW GUINEA	Off Rabaul
23/09/2010	N/O ALIS	BIOPAP UA 2010	220	292	04°49'. 860'S	151°39'. 380'E	04°49'. 690'S	151°38'. 710'E	PAPUA NEW GUINEA	Open Bay
23/09/2010	N/O ALIS	BIOPAP UA 2010	195	340	04°50'. 140'S	151°39'. 780'E	04°49'. 860'S	151°38'. 470'E	PAPUA NEW GUINEA	Open Bay
23/09/2010	N/O ALIS	BIOPAP UA 2010	225	340	04°50'. 100'S	151°39'. 450'E	04°49'. 690'S	151°38'. 230'E	PAPUA NEW GUINEA	Open Bay
23/09/2010	N/O ALIS	BIOPAP UA 2010	760	866	04°40'. 770'S	151°34'. 460'E	04°40'. 050'S	151°33'. 450'E	PAPUA NEW GUINEA	Open Bay
23/09/2010	N/O ALIS	BIOPAP UA 2010	670	921	04°42'. 170'S	151°34'. 810'S	04°39'. 560'E	151°33'. 810'S	PAPUA NEW GUINEA	Open Bay
24/09/2010	N/O ALIS	BIOPAP UA 2010	411	383	04°07'. 400'S	151°55'. 767'E	04°07'. 510'S	151°57'. 530'E	PAPUA NEW GUINEA	Northern Rabaul
24/09/2010	N/O ALIS	BIOPAP UA 2010	382	389	04°07'. 470'S	151°57'. 680'E	04°07'. 610'S	151°55'. 900'E	PAPUA NEW GUINEA	Northern Rabaul
24/09/2010	N/O ALIS	BIOPAP UA 2010	497	500	04°06'. 700'S	151°54'. 060'S	04°06'. 680'E	151°55'. 680'E	PAPUA NEW GUINEA	Northern Rabaul
24/09/2010	N/O ALIS	BIOPAP UA 2010	585	601	04°04'. 640'S	151°57'. 640'E	04°04'. 400'S	151°55'. 760'E	PAPUA NEW GUINEA	Northern Rabaul
24/09/2010	N/O ALIS	BIOPAP UA 2010	702	724	04°03'. 990'S	151°51'. 670'E	04°03'. 800'S	151°49'. 580'E	PAPUA NEW GUINEA	Northern Rabaul
24/09/2010	N/O ALIS	BIOPAP UA 2010	885	105	04°01'. 330'S	151°48'. 960'S	03°59'. 850'S	151°50'. 880'E	PAPUA NEW GUINEA	Northern Rabaul

Appendix 1. Details of the BioPapua cruise showing the dates of survey, depth at shooting gear, depth at hauling gear, coordinates and locality of survey.

Date	Ship	Cruise	Dep th1	Dep th2	F.Latit ude	F.Long ude	V.Latit ude	V.Long ude	Area	Locality
22/08/2010	N/O ALIS	BIOPAP UA 2010	272	266	06°55'. 879'S	147°01'. 850'E	06°53'. 175'S	147°00'. 650'E	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
22/08/2010	N/O ALIS	BIOPAP UA 2010	240	269	06°49'. 708'S	147°08'. 033'E	06°57'. 812'E	147°07'. 008'E	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
22/08/2010	N/O ALIS	BIOPAP UA 2010	305	307	06°58'. 245'S	147°08'. 380'E	06°53'. 692'S	147°02'. 721'E	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
22/08/2010	N/O ALIS	BIOPAP UA 2010	613	652	06°49'. 600'S	147°05'. 352'E	06°51'. 443'S	147°06'. 292'E	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
22/08/2010	N/O ALIS	BIOPAP UA 2010	700	740	06°58'. 225'S	147°07'. 975'E	06°55'. 512'S	147°08'. 130'E	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
22/08/2010	N/O ALIS	BIOPAP UA 2010	395	406	06°51'. 841'S	147°04'. 672'E	06°53'. 641'E	147°04'. 611'E	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
23/08/2010	N/O ALIS	BIOPAP UA 2010	279	290	07°28'. 170'S	147°29'. 112'E	07°28'. 110'S	147°30'. 510'S	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
23/08/2010	N/O ALIS	BIOPAP UA 2010	280	302	07°28'. 181'S	147°31'. 394'E	07°28'. 161'S	147°33'. 114'E	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
23/08/2010	N/O ALIS	BIOPAP UA 2010	462	495	07°27'. 892'S	147°32'. 659'E	07°27'. 153'S	147°30'. 792'E	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
23/08/2010	N/O ALIS	BIOPAP UA 2010	608	615	07°24'. 624'S	147°27'. 536'E	07°25'. 379'S	147°29'. 711'E	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
23/08/2010	N/O ALIS	BIOPAP UA 2010	890	895	07°24'. 430'S	147°35'. 997'E	07°23'. 219'S	147°33'. 710'E	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
23/08/2010	N/O ALIS	BIOPAP UA 2010	900	932	07°22'. 582'S	147°31'. 797'E	07°23'. 107'S	147°30'. 554'E	PAPUA NEW GUINEA	South of Lae, Gulf of Huon
24/08/2010	N/O ALIS	BIOPAP UA 2010	322	322	06°46'. 630'S	147°27'. 782'E	06°46'. 027'S	147°29'. 369'E	PAPUA NEW GUINEA	Tami Island, Gulf of Huon
24/08/2010	N/O ALIS	BIOPAP UA 2010	380	476	06°45'. 655'S	147°59'. 654'E	06°45'. 364'E	148°01'. 176'E	PAPUA NEW GUINEA	Tami Island, Gulf of Huon
24/08/2010	N/O ALIS	BIOPAP UA 2010	245	295	06°46'. 288'S	147°58'. 101'E	06°45'. 834'S	147°58'. 755'E	PAPUA NEW GUINEA	Tami Island, Gulf of Huon
24/08/2010	N/O ALIS	BIOPAP UA 2010	400	436	06°46'. 907'S	147°52'. 149'E	06°46'. 812'S	147°51'. 313'E	PAPUA NEW GUINEA	Tami Island, Gulf of Huon
24/08/2010	N/O ALIS	BIOPAP UA 2010	360	406	06°43'. 985'S	147°49'. 405'E	06°45'. 515'S	147°50'. 176'E	PAPUA NEW GUINEA	Tami Island, Gulf of Huon
24/08/2010	N/O ALIS	BIOPAP UA 2010	418	403	06°46'. 394'S	147°50'. 605'E	06°44'. 469'S	147°49'. 693'E	PAPUA NEW GUINEA	Tami Island, Gulf of Huon
24/08/2010	N/O ALIS	BIOPAP UA 2010	460	485	06°46'. 190'S	147°46'. 244'E	06°44'. 749'S	147°48'. 559'E	PAPUA NEW GUINEA	Tami Island, Gulf of Huon
25/08/2010	N/O ALIS	BIOPAP UA 2010	592	660	06°46'. 270'S	147°46'. 773'E	06°45'. 586'S	147°47'. 317'E	PAPUA NEW GUINEA	Off Lae, Gulf of Huon
25/08/2010	N/O ALIS	BIOPAP UA 2010	682	101	06°45'. 905'S	147°44'. 723'E	06°47'. 907'S	147°43'. 791'E	PAPUA NEW GUINEA	Off Lae, Gulf of Huon
27/08/2010	N/O ALIS	BIOPAP UA 2010	720	728	02°40'. 150°06'	02°38'. 150°04'	PAPUA	Southern New		

					04°02'. 660'S	151°47'. 560'E	04°02'. 460'S	151°50'. 150'E	PAPUA NEW GUINEA	Northern Rabaul
24/09/2010	N/O ALIS	BIOPAP UA 2010	805	788	05°20'. 920'S	150°46'. 150'E	05°20'. 500'S	150°44'. 750'E	PAPUA NEW GUINEA	Kimbe bay
25/09/2010	N/O ALIS	BIOPAP UA 2010	720	704	05°20'. 130'S	150°43'. 850'E	05°20'. 700'S	150°45'. 550'E	PAPUA NEW GUINEA	Kimbe bay
25/09/2010	N/O ALIS	BIOPAP UA 2010	760	800	05°20'. 000'S	150°45'. 980'E	05°19'. 600'S	150°43'. 780'E	PAPUA NEW GUINEA	Kimbe bay
25/09/2010	N/O ALIS	BIOPAP UA 2010	535	604	05°22'. 010'S	150°46'. 190'S	05°21'. 040'E	150°45'. 040'E	PAPUA NEW GUINEA	Kimbe bay
25/09/2010	N/O ALIS	BIOPAP UA 2010	490	715	05°22'. 400'S	150°45'. 090'E	05°20'. 390'E	150°45'. 390'E	PAPUA NEW GUINEA	Kimbe bay
27/09/2010	N/O ALIS	BIOPAP UA 2010	647	615	04°37'. 104'S	149°29'. 410'E	04°37'. 410'S	149°27'. 470'E	PAPUA NEW GUINEA	Vitu Islands
27/09/2010	N/O ALIS	BIOPAP UA 2010	564	712	04°37'. 490'S	149°27'. 410'E	04°37'. 500'S	149°27'. 450'E	PAPUA NEW GUINEA	Vitu Islands
27/09/2010	N/O ALIS	BIOPAP UA 2010	515	812	04°37'. 820'S	149°27'. 940'E	04°37'. 840'E	149°27'. 940'E	PAPUA NEW GUINEA	Vitu Islands
27/09/2010	N/O ALIS	BIOPAP UA 2010	291	550	04°38'. 670'E	149°27'. 160'S	04°37'. 940'E	149°27'. 940'E	PAPUA NEW GUINEA	Vitu Islands
28/09/2010	N/O ALIS	BIOPAP UA 2010	550	600	03°14'. 700'S	147°20'. 200'E	03°14'. 195'S	147°20'. 611'E	PAPUA NEW GUINEA	Seamounts, Southern Manus island
28/09/2010	N/O ALIS	BIOPAP UA 2010	946	100	03°14'. 670'S	147°19'. 310'E	03°15'. 640'S	147°18'. 590'E	PAPUA NEW GUINEA	Seamounts, Southern Manus island
28/09/2010	N/O ALIS	BIOPAP UA 2010	964	102	03°14'. 520'S	147°19'. 500'E	03°15'. 950'S	147°18'. 340'E	PAPUA NEW GUINEA	Seamounts, Southern Manus island
28/09/2010	N/O ALIS	BIOPAP UA 2010	305	579	03°02'. 740'S	147°31'. 520'E	03°03'. 830'S	147°31'. 900'E	PAPUA NEW GUINEA	Seamounts, Southern Manus island
28/09/2010	N/O ALIS	BIOPAP UA 2010	402	640	03°02'. 710'S	147°31'. 840'E	03°03'. 750'S	147°32'. 440'E	PAPUA NEW GUINEA	Seamounts, Southern Manus island
29/09/2010	N/O ALIS	BIOPAP UA 2010	685	679	02°14'. 727'S	147°25'. 045'E	02°15'. 863'S	147°25'. 145'E	PAPUA NEW GUINEA	Manus Island
29/09/2010	N/O ALIS	BIOPAP UA 2010	616	611	02°12'. 710'S	147°18'. 880'S	02°13'. 470'E	147°16'. 470'E	PAPUA NEW GUINEA	Manus Island
29/09/2010	N/O ALIS	BIOPAP UA 2010	499	517	02°11'. 710'S	147°16'. 500'E	02°11'. 000'S	147°18'. 380'E	PAPUA NEW GUINEA	Manus Island
29/09/2010	N/O ALIS	BIOPAP UA 2010	408	448	02°08'. 750'S	147°19'. 505'E	02°09'. 673'S	147°18'. 797'E	PAPUA NEW GUINEA	Manus Island
29/09/2010	N/O ALIS	BIOPAP UA 2010	300	300	02°10'. 870'S	147°18'. 430'E	02°10'. 170'S	147°16'. 820'E	PAPUA NEW GUINEA	Manus Island
2										

Appendix 3

Chan, T.Y (2012) A new genus of deep-sea solenocerid shrimp
(Crustacea: Decapoda: Penaeoidea) from the Papua New Guinea.
Journal of Crustacean Biology, 32(3), 489-495, 2012



BRILL

JOURNAL OF CRUSTACEAN BIOLOGY, 32(3), 489-495, 2012

Journal of
Crustacean
Biology

A NEW GENUS OF DEEP-SEA SOLENOCERID SHRIMP (DECAPODA: PENAEOIDEA) FROM PAPUA NEW GUINEA

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A B S T R A C T

A new genus and species of deep-sea shrimp, *Maximiliaeus odoceros*, was collected from the Solomon Sea off Papua New Guinea. This penaeoid has a characteristic carapace; bearing large teeth on its entire dorsal border, and the presence of three parallel carinae that nearly run the entire length of the lateral carapace surface. Phylogenetic analysis using PEPCK and NaK sequences confirmed that this new taxon belongs to Solenoceridae.

KEY WORDS: Decapoda, deep water, *Maximiliaeus odoceros*, Papua New Guinea, Penaeoidea, Solenoceridae

DOI: 10.1163/193724012X626557

INTRODUCTION

The recent “BIOPAUPA” expedition (organized by the Muséum national d’Histoire naturelle, Paris) in 2010 surveyed the deep-sea benthic fauna off northeastern Papua New Guinea. At two stations, just off Lae and between 403–485 m in depth, several specimens of a large penaeoid shrimp (maximum body length about 15 cm excluding rostrum) were collected. They differed from all known species of Penaeoidea Rafinesque-Schmaltz, 1815 in having a strong carapace with three long and parallel lateral carinae, the dorsal carapace bearing large teeth along the entire border, and distinct teeth present on the dorsal and ventral margins of a long rostrum. This unusual penaeoid was immediately recognized to represent a genus and species new to science. After detailed comparisons and molecular analyses this new penaeoid was assigned to Solenoceridae Wood-Mason in Wood-Mason and Alcock, 1891. The discovery of this large bodied new taxon of shrimp demonstrates again that the deep-sea benthos in the “Golden Triangle” of marine biodiversity requires further exploration (see Ayhong et al., 2010).

The specimens studied are deposited in the Muséum national d’Histoire naturelle, Paris (MNHN) and National Taiwan Ocean University, Keelung (NTOU). Abbreviation used: CP before station numbers refers to gear type or beam trawl and postorbital carapace length (cl) is used as a standard measurement indicating size of the specimens. Morphological terminology generally follows Pérez Farfante and Kensley (1997), with protocols for molecular sequencing and phylogenetic analyses following Ma et al. (2009). As the antennal and antennular flagella were incomplete for all specimens examined, descriptions of their lengths are based on the longest remaining flagellum.

SYSTEMATICS

Solenoceridae Wood-Mason in Wood-Mason and Alcock, 1891
***Maximiliaeus* n. gen.**

Type Species.—*Maximiliaeus odoceros* n. gen., n. sp.

Diagnosis.—Body robust, integument firm and covered with dense short pubescence. Rostrum relatively long and over-reaching antennular peduncle, bearing distinct teeth on both upper and lower margins. Entire dorsal border of carapace carinate and bearing teeth, with epigastric tooth well separated from rostral and postrostral teeth. Carapace relatively elongated; orbital and pterygostomian spines absent; antennal, postorbital, hepatic and branchiostegal spines present, all continuous with carinae. Long and nearly straight branchiocardioc, fused hepatic and posthepatic, and branchiostegal carinae present on lateral carapace. Submarginal carina and short oblique carina anterior to hepatic depression also present. Cervical sulcus deep, accompanied with sharp carina, upper end far from dorsal carapace. Orbital-antennal and hepatic sulci present. Telson with pair of minute, subterminal, movable lateral spines.

Eyes large, cornea deeply pigmented, optic calathus with mesial tubercle low and broad. Prosartema well-developed and rigid throughout. Stylocerite also well-developed. Antennular flagella similar, subcylindrical and longer than carapace. Mandibular palp 3-segmented, distal article broad and leaf-like, penultimate article smaller and subquadrate, basal article very short and narrow. Palp of first maxilla 2-segmented, distal segment rather small. All pereiopods robust and bearing moderately long slender exopods, none flagelliform. Strong basial spine present on pereiopods I

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Table 1. *Maximiliaeus odoceros* n. gen., n. sp., branchial formula. Abbreviations: Mxp1-Mxp3, maxillipeds 1-3; P1-P5, pereiopods 1-5; s = small.

	Somite									
	VII (Mxp1)	VIII (Mxp2)	IX (Mxp3)	X (P1)	XI (P2)	XII (P3)	XIII (P4)	XIV (P5)		
Pleurobranchiae	—	—	1	1	1	1	1	1		
Arthrobranchiae	s	2	2	2	2	2	2	—		
Podobranchiae	—	1	—	—	—	—	—	—		
Epipods	1	1	1	1	1	1	1	—		
Exopods	1	1	1	1	1	1	1	1		

and II. Exopod of uropods armed with subterminal distolateral spine. Gill formula as shown in Table 1.

Thelycum open, sculpture rather simple. Structure of petasma unknown.

Phylogenetic Relationship.—This new genus has several unusual characters such as distinct teeth on the ventral margin of the rostrum. Among penaeoids, these ventral teeth are present in species of *Penaeus* Fabricius, 1798 sensu lato, *Heteropenaeus* De Man, 1896, *Pelagopenaeus* Pérez Farfante and Kensley, 1997 (Penaeidae Rafinesque-Schmaltz, 1815), *Haliporoides* Stebbing, 1914, and *Hymenopenaeus* Smith, 1882 (Solenoceridae). Only species assigned to Sicyoniidae Ortmann, 1898 have the entire dorsal carapace armed with teeth. However, these species lack ventral rostral teeth. Furthermore, no known penaeoidean have three long and straight carinae running almost along the entire lateral surface on the carapace, although the lateral carapaces of *Pelagopenaeus* (Penaeidae) and *Gordonella* Tirmizi, 1960 (Solenoceridae) have many long carinae, but these are not straight and parallel. Following the definitions and keys of Pérez Farfante and Kensley (1997), the present new genus has a postorbital spine (though this spine is almost at the level of the antennal spine) and therefore can be attributed to Solenoceridae. Within Solenoceridae, this New Guinean form keys out to *Haliporus* Bate, 1881 by possessing a movable lateral telsonic spines (though minute and rudimentary) and lacking a postcervical spine. However, the new genus differs from *Haliporus* (see Crosnier, 1988; Pérez Farfante and Kensley, 1997) by all the characters as mentioned above, as well as having much large eyes (vs. eyes small to moderately small), prosartema well developed and foliaceous (vs. small to rudimentary), telson without fixed lateral spines (vs. with 1 pair fixed and 3 pairs of movable lateral spines), mandibular palp with distal segment much larger than intermediate segment (vs. intermediate segment much larger than distal segment), palp of first maxilla 2-segmented (vs. 1-segmented), and the lateral pleon weakly carinated (vs. entire lateral surface more or less covered with complex ridges).

The inclusion of two protein gene sequences, phosphoenol-pyruvate carboxy-kinase (PEPCK) and sodium-potassium ATPase- α subunit (NaK), from this new genus (holotype, GenBank no. JN977136, JN977135, respectively) into the currently most comprehensive and robust molecular phylogenetic tree of Penaeoidea by Ma et al. (2009), demonstrates that the present new genus can be attributed to Solenoceidae and is close to *Haliporus* (Fig. 1). The molec-

ular gene tree of Ma et al. (2009), however, is unresolved for most of the genera within each family and tribe and the topology is different from the phylogenetic grouping of solenocerid genera as proposed by Kubo (1949) and Pérez Farfante (1977). The exact phylogenetic position of *Maximiliaeus* within Solenoceridae requires further investigations. For example, all other solenocerids have a first maxilla with a 1-segmented palp (vs. 2-segmented in the new genus). Interestingly, the posterior part of the dorsal carapace in *Haliporus curvirostris* Bate, 1881, is more or less denticulate. This may imply that the presence of posterodorsal teeth on the carapace is a synapomorphy in Solenoceridae. Furthermore, of the three long lateral keels on the carapace, only the lower one (branchiostegal carina) is entire. The upper keel seems to be divided into three (antennal, gastro-orbital, and branchiocardiocarinae) by the orbito-antennal and cervical sulci. The intermediate keel seems to be divided into two (the short oblique carina in front of the hepatic depression, fused hepatic and posthepatic carinae by the hepatic sulcus). However, the phylogenetic significance and character status (polarity) of the various carapace carinae, sulci, and spines, as well as the shape of the petasma are currently not fully understood. Consequently, these characters at present do not provide enough evolutionary information into the relationship of *Maximiliaeus* with other solenocerids.

Etymology.—The present new genus is remarkable in Penaeoidea by having a rigid carapace bearing many long lateral carinae and with the entire dorsal border including the rostrum fully armed. The fully armed and ridged carapace resembles the fluted or Maximilian style armour of medieval knights. The arbitrary combination of “Maximilian” and “Penaeus” thus refers to a penaeoid with a Maximilian style armature on the carapace. Gender: masculine.

Maximiliaeus odoceros n. sp.

Figs. 2-4

Material Examined.—Holotype: Papua New Guinea, BIOPAPUA, stn CP3646, 6°46.190'S, 147°50.244'E, 460-485 m, 24 August 2010, female 48.4 mm cl, MNHN-IU-2011-5393.

Paratypes: Papua New Guinea, BIOPAPUA, stn CP3645, 6°46.394'S, 147°50.605'E, 418-403 m, 24 August 2010, 2 females 14.3 and 27.0 mm cl, MNHN-IU-2011-5394, 1 female 29.4 mm cl, NTOU M01162.

Description.—Body robust, integument firm and covered with dense short pubescence. Rostrum sigmoidal shaped and with distinct lateral (or adrostral) carina, nearly horizontal, slightly overreaching scaphocerite and about 0.8 times as long as carapace length; upper border armed evenly with 13 teeth, including 2 teeth on carapace, all teeth distinct and progressively smaller anteriorly; lower border bearing 4 teeth at anterior half, teeth also progressively smaller anteriorly. Epigastric tooth distinctly separated from rostral teeth. Postrostral carina well developed along entire dorsal carapace, armed with 2 teeth behind dorsal extremity of cervical sulcus. Carapace relatively elongated. Orbital margin straight, but obliquely inclined forward ventrally. Orbital and pterygostomial spines absent. Antennal, postorbital, hepatic, and branchiostegal spines present, all continuous with carinae. Antennal spine large, continuous with

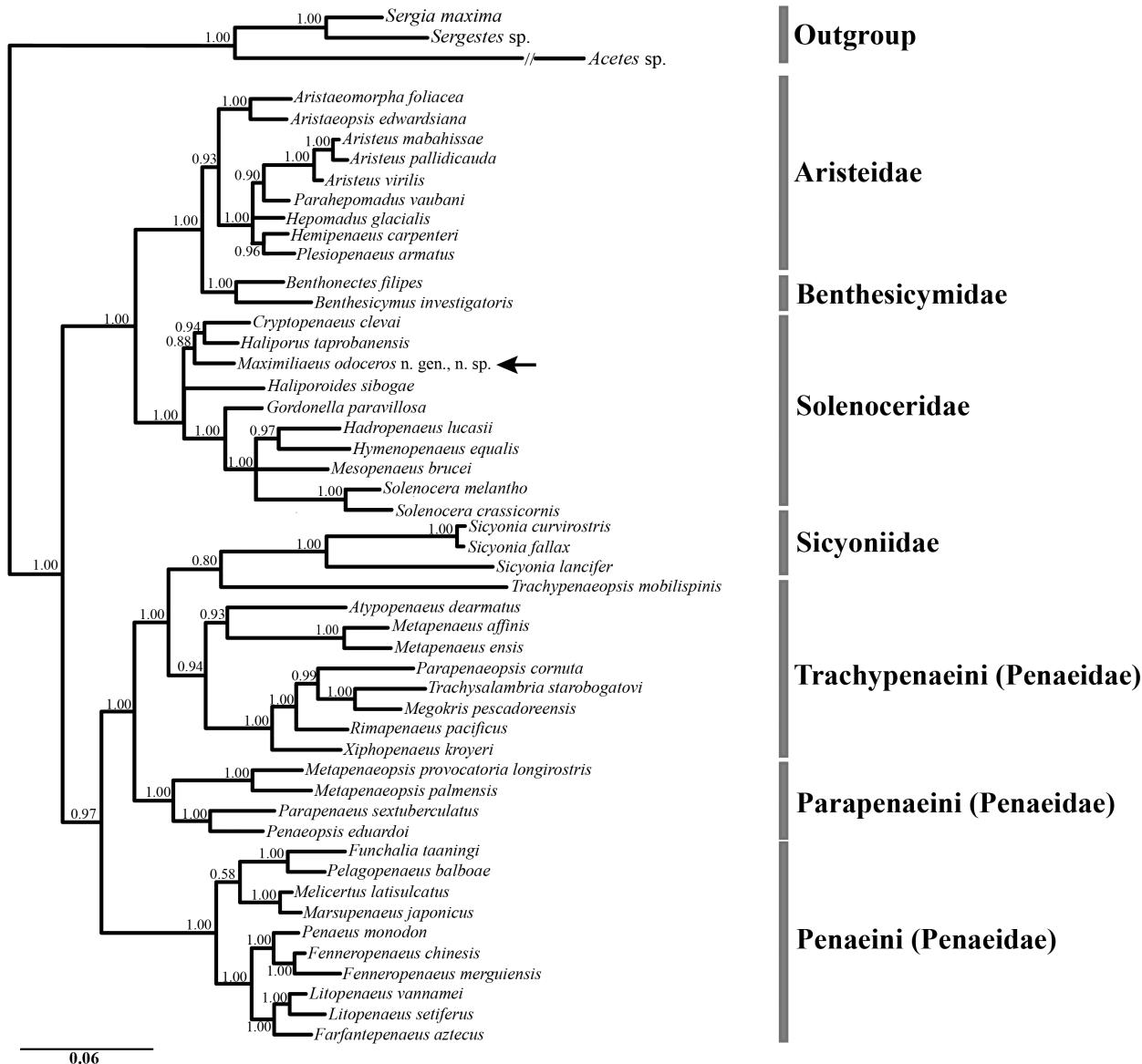


Fig. 1. Bayesian inference tree from combined PEPCK and NaK analysis with the adding of *Maximiliaeus odoceros* n. gen., n. sp. (indicated by an arrow) into the molecular phylogenetic work of Penaeoidea by Ma et al. (2009). Numbers above branches indicate posterior probabilities.

short antennal carina. Postorbital spine also large, almost immediately behind antennal spine and only situated at slightly higher level, continuous with short gastro-orbital carina to nearly cervical sulcus. Hepatic spine smaller but distinct, continuous with nearly straight and well-marked branchio-cardiac carina almost to posterior margin of carapace. Branchiostegal spine similar in size as hepatic spine, situated at anterior border of carapace and continuous with straight and well-marked branchiostegal carina which extending along entire lateral carapace to posterior margin. Slightly above branchiostegal carina another well-marked straight carina, i.e., fused hepatic and post-hepatic carinae, running parallel with branchiostegal carina from slightly behind anterior margin to almost posterior margin of lateral carapace. Thus, lateral carapace altogether with 3 long and parallel sharp keels. Cervical sulcus deep and with sharp carina, strongly curving posteriorly at upper end, upper extrem-

ity far from dorsal carapace and more or less at level of upper end of orbital margin; ventrally below hepatic spine short and merged with hepatic sulcus. Orbital-antennal sulcus distinct but without carina (or somewhat faintly ridged in small individuals), ventrally merged with cervical and hepatic sulci. Hepatic sulcus very short, not extending behind hepatic spine. Merged area of orbital-antennal, cervical, and hepatic sulci as wide depression (hepatic depression) at anterolateral carapace below postorbital spine. Short oblique carina present between hepatic depression and anterior border of carapace; carina not continuous with anterior margin of carapace, sloping downwards posteriorly, situated at level slightly higher than hepatic carina. Submarginal carina present but not strong.

Antennular peduncle about half as long as carapace length. Prosartema well developed and rigid throughout; somewhat oval, narrowing anteriorly and with convex tip,

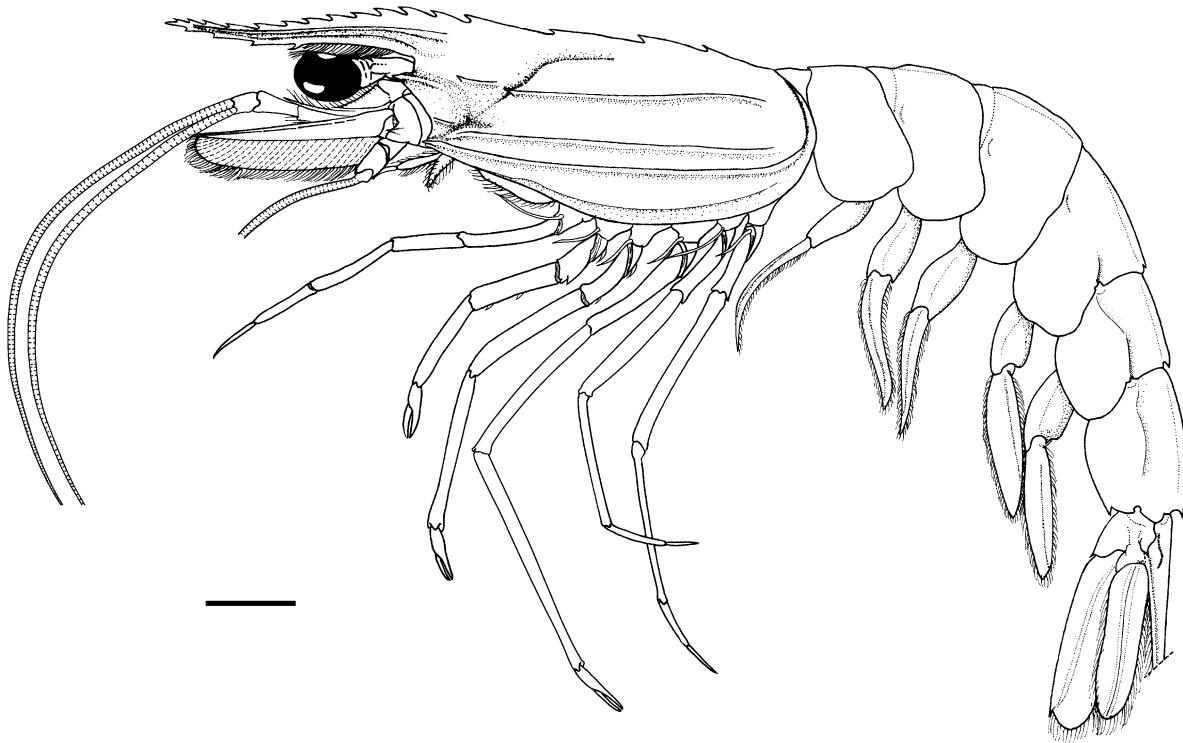


Fig. 2. *Maximiliaeus odoceros* n. gen., n. sp., female holotype 48.4 mm cl (MNHN-IU-2011-5393), lateral view (setae partially omitted). Scale bar: 10 mm.

extending to about 3/4 of first antennular segment; bearing dense long setae at tip, setae slightly exceeding first antennular segment to reaching middle of second antennular segment. Stylocerite sharply pointed and about half as long as first antennular segment. Distolateral spine strong and sharp, extending to about middle of second antennular segment. Antennular flagella (with tip missing) subequal in size and length, both subcylindrical and with lower flagellum slightly thicker, about 1.2 times longer than carapace. Scaphocerite distinctly overreaching antennular peduncle, lateral rib ending in sharp spine that falls short of distal margin of lamella. Antennal flagella incomplete but at least longer than body length.

Eyes large, cornea deeply pigmented, bean shaped and with maximum diameter 1/3-1/5 carapace length (cornea relatively larger in smaller specimens); mesial tubercle on optic calathus represented by blunt but broad low projection. Mandibular palp 3-segmented, distal article broad and leaf-like, much larger than penultimate article; penultimate article subquadrate and about 1/3 as long as distal article, narrowing posteriorly and with proximal margin about half as long as distal margin; basal article very short and narrow. Palp of first maxilla 2-segmented, gently narrowing to rounded apex and with distal segment small; basal segment with mesial margin densely setose; distal segment bearing 2 tufts of long setae distally. Maxilliped III more or less extending to tip of scaphocerite, distal segment 3/4-4/5 as long as penultimate segment. (See Table 1 for gill formula.)

Robust pereiopods, bearing moderately long slender exopods. Pereiopod I extending to about mid-length of scaphocerite; coxa not particularly protruded medially, bearing long sharp subdisto-ventral spine on basis and similar but smaller

spine on ischium, ventral margin of merus with 2 small spines at middle and subdistal regions. Pereiopod II extending to about 4/5 of scaphocerite; coxa not particularly protruded medially, basis with long sharp subdisto-ventral spine, ischium with 0-1 small subdisto-ventral spine, merus unarmed. Pereiopods III extending to tip of scaphocerite, coxa produced medially into large ear-like flaps consisting of two layers and with outer layer larger. Pereiopod IV extending to 2/5-3/5 of scaphocerite, coxa produced medially into large round plate. Pereiopod V extend to 3/5-4/5 of scaphocerite, with narrow coxal plate more or less rounded and bearing a small distomesial spine (this spine reduced to a minute sharp protuberance on holotype). Basis to merus all unarmed in pereiopods III to V.

Pleon with sharp dorsal carina on somites II to VI, those of III to V with posterior incisions while those of IV to VI also ending in sharp posterior spine (minute in that of IV); lateral surfaces only with fainted longitudinal ridges from posterior part of somite IV to somite VI and running through hinges of somites; somite VI bearing distinct subdistoventral spine. Telson tapering to terminal point, with blunt dorsolateral ridges becoming sharp near tip, bearing weak median sulcus developed into short median carina near tip, armed with 1 pair of minute (sometimes very rudimentary and nearly absent) lateral movable spines at about distal 1/10. Uropods slightly longer than telson, only exopod bearing sharp distolateral spine that conspicuously falls short of distal margin of lamella.

Thelycum open. Median protuberance (between pereiopods IV) as simple strongly elevated longitudinal ridge. Thoracic sternite XII (between pereiopods III) medially elevated into low blunt longitudinal ridge. Posterior protuberance

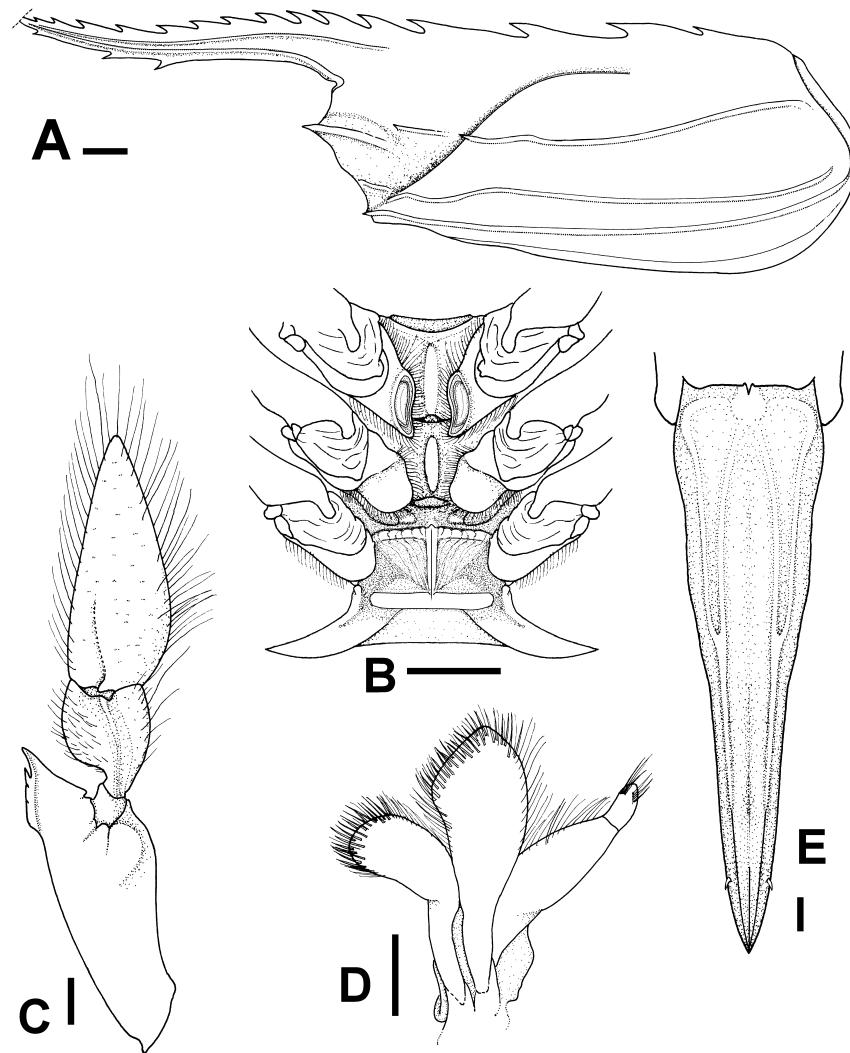


Fig. 3. *Maximiliaeus odoceros* n. gen., n. sp. A, E, Female paratype 29.4 mm cl (NTOU M01162); B, Female holotype 48.4 mm cl (MNHN-IU-2011-5393); C, D, Female paratype 27.0 mm cl (MNHN-IU-2011-5394). A, Carapace and cephalic appendages, lateral view (setae partially omitted); B, Thelycum; C, Left mandible, ventral view; D, Left first maxilla, ventral view; E, Telson, dorsal view. Scale bars: A, 2.5 mm; B, 5 mm; C-E, 1 mm.

(between pereiopods V) somewhat as an inverted subtriangular protuberance and with anterior margin slightly convex to nearly straight, bearing well-marked sharp median longitudinal ridge, surface of protuberance sometimes with nearly straight sutures converging at posterior apex of protuberance. Median and posterior protuberances separated by wide deep groove which bearing pair of low rounded flaps laterally. Thoracic ridge entire, blunt but high.

Colour.—Body generally reddish-pink (Fig. 4A). Teeth on rostrum and dorsal carapace with white tips. Eyes blackish-brown. Antennular flagella orangish-red proximally and distally, intermediate part somewhat whitish. Antennal flagella orangish-red. Anterolateral and posterolateral carapace, antennal peduncle paler in color. Pleon with somites I to V mostly pale whitish-pink; dorsal carinae and posterodorsal borders of somites, as well as anterodorsal border of somite I, bearing thick reddish-pink bands; somite VI and tail fan mostly reddish-pink. Maxilliped III reddish distally, but whitish proximally. Pereiopods mostly whitish-pink and

with some reddish-pink markings. Pleopods mostly reddish-pink and with some whitish-pink markings.

The smallest specimen is mostly yellowish (Fig. 4B). Lateral carapace translucent, with thick lateral transverse red band having white anterior margin. Anterior half of rostrum also banded with white, red and white. Epigastric tooth whitish. Antennular flagella proximally yellowish and distally whitish. Maxilliped III and pereiopods similar in color to adults. Pleopods mostly yellowish, with red and white spots on peduncles.

Distribution.—Presently known only from the type locality; the western part of the Solomon Sea, off Papua New Guinea, at depths of 403–485 m.

Remarks.—The holotype has the tip of the telson missing while the tip of the rostrum is missing in all three paratypes. The remaining rostral teeth in the paratypes are 12–13 dorsal and 3 ventral teeth. The two larger paratypes (27.0 and 29.4 mm cl) are similar to the holotype. However, the young female (14.3 mm cl) differs con-

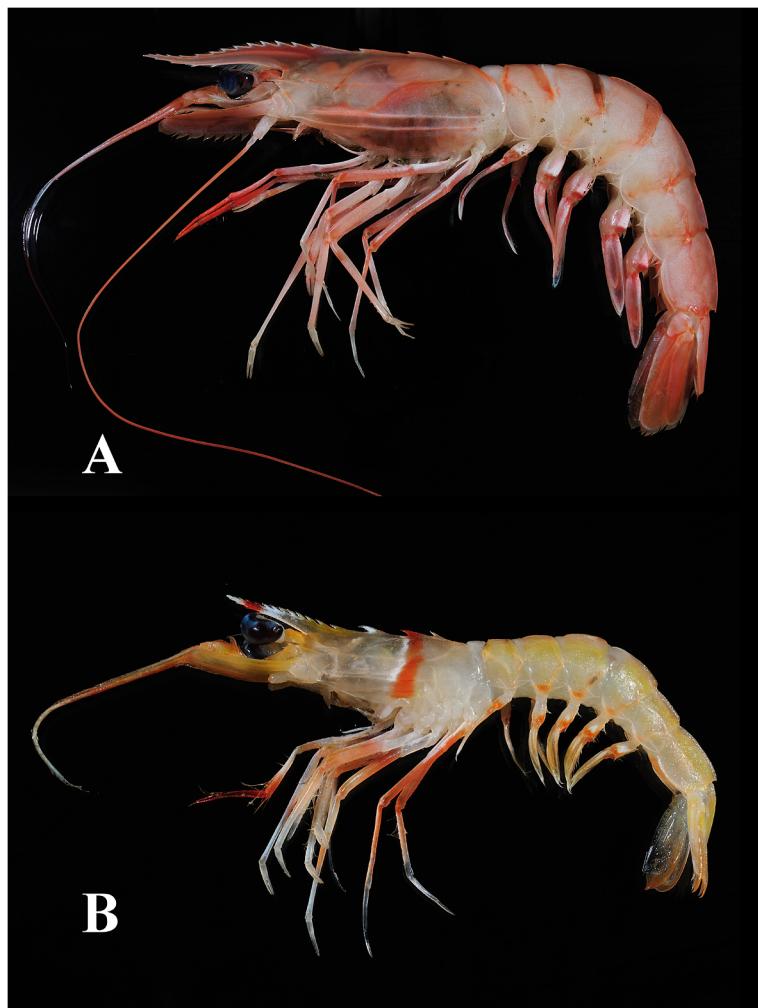


Fig. 4. *Maximiliaeus odoceros* n. gen., n. sp., lateral view; A, Female holotype 48.4 mm cl (MNHN-IU-2011-5393); B, Female paratype 14.3 mm cl (MNHN-IU-2011-5394).

siderably from the others in both coloration (see Fig. 4) and general appearance. This specimen has the rostrum shorter (0.55 carapace length) and markedly directed upwards, pereiopods relatively longer (with pereiopods II and V extending to tip of scaphocerite while pereiopod III exceeding scaphocerite by chela), posterior spines at the dorsal carinae of pleon minute, telson slightly longer than uropods, distolateral spine on exopod of uropods only slightly falling short of distal margin of lamella, and coxal plates of pereiopods III and IV not medially produced at all.

Although the new genus and species is large in size and occurs in relatively shallow waters, only four specimens were collected despite the BIOPAPUA expedition having sampled 150 stations covering a vast area of the Bismarck and Solomon Seas. Moreover, only females were collected.

Etymology.—The arbitrary combination of the Greek “*odus*” (tooth) and “*keros*” (horn) refers to the entire dorsal carapace bearing teeth in this species. The name is treated as a noun in apposition.

ACKNOWLEDGEMENTS

The BIOPAPUA cruise, PI Dr Sarah Samadi and Laure Corbari, was operated by Muséum National d'Histoire Naturelle (MNHN) and Institut de Recherche pour le Développement (IRD) as part of the research program “Tropical Deep Sea Benthos,” PI Philippe Bouchet. The expedition operated under a permit granted by National Research Institute of Papua New-Guinea and using the research vessel R. V. Alis (IRD). Sincerely thanks are extending to Laure Corbari and Paula Martin-Lefevre of MNHN for the loan of the specimens, Peter K. L. Ng of the National University of Singapore for suggestions on the etymology of the new taxa; Paul F. Clark of the Natural History Museum, London for reading the English of the manuscript; Chih-Chun Lin of the National Taiwan Ocean University (NTOU) for preparing the line-drawings; Ka-Hou Chu of the Chinese University of Hong Kong, Ka-Yan Ma of James Cook University and Chien-Hui Yang of NTOU for the help in molecular analysis. This work was supported by grants from the National Science Council and the Academia Sinica, Taiwan, R.O.C.

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RECEIVED: 15 September 2011.

ACCEPTED: 29 October 2011.

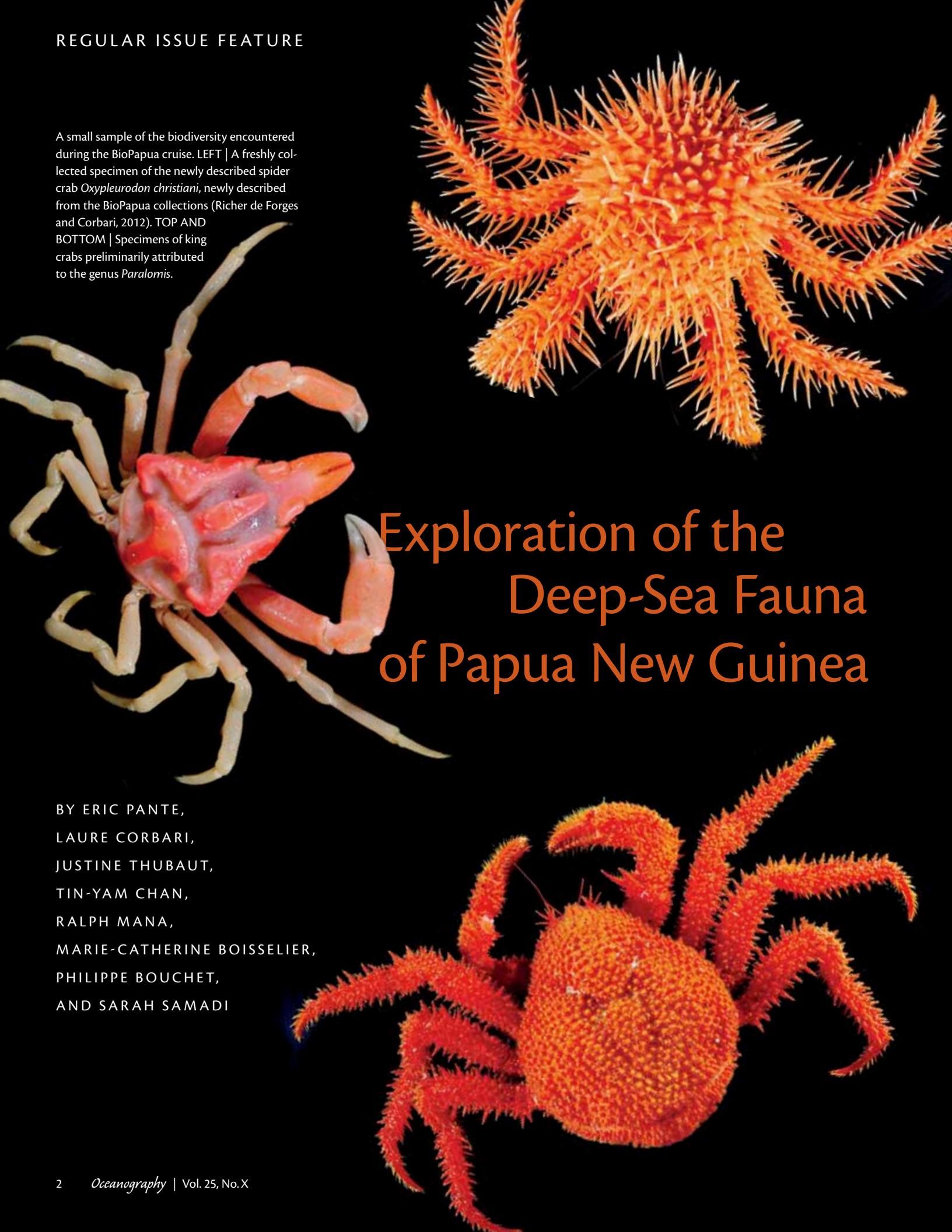
Appendix 4

Pante E, Corbari L., Thubaut J., Chan TY, Mana R., Boisselier MC, Bouchet P., Samadi S. (In Press). Exploration of the deep-sea fauna of Papua New Guinea. *Oceanography*

A small sample of the biodiversity encountered during the BioPapua cruise. LEFT | A freshly collected specimen of the newly described spider crab *Oxypleurodon christiani*, newly described from the BioPapua collections (Richer de Forges and Corbari, 2012). TOP AND BOTTOM | Specimens of king crabs preliminarily attributed to the genus *Paralomis*.

Exploration of the Deep-Sea Fauna of Papua New Guinea

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LAURE CORBARI,
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TIN-YAM CHAN,
RALPH MANA,
MARIE-CATHERINE BOISSELIER,
PHILIPPE BOUCHET,
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ABSTRACT. Little is known of New Guinea's deep benthic communities. In fall 2010, the Muséum national d'Histoire naturelle, Institut de Recherche pour le Développement, and University of Papua New Guinea spearheaded an international three-leg cruise, BioPapua, aimed at exploring the deep waters of eastern Papua New Guinea and its satellite islands. Special attention was given to faunal assemblages associated with sunken wood and decomposing vegetation as well as seamount summits and slopes. In this article, we review the information available on the deep ecosystems of Papua New Guinea and summarize preliminary results of the BioPapua cruise.

NEW GUINEA AND OUR UNDERSTANDING OF BIODIVERSITY

The island of New Guinea has a special place in the heart of biologists. Biodiversity studies in New Guinea and its satellite islands have helped shape some of the pillars of evolutionary biology and ecological theory. In the late 1850s, New Guinea was the eastern-most of Alfred Wallace's destinations during his exploration of the Malay Archipelago, and his comparative observations nurtured his theories on island biogeography and the mechanisms promoting evolution (Wallace, 1869, 1876). In the 1920s, ornithologist Ernst Mayr accumulated data on New Guinea birds that would later appear in his *Systematics and the Origin of Species*, a landmark in the development of the modern synthesis (Mayr, 1942). Similarly, data from New Guinean ant diversity found their place in MacArthur and Wilson's theory of island biogeography (MacArthur and Wilson, 1967). Jared Diamond's observations of the bird fauna of New Guinea and its satellite islands nourished his work on the structure of ecological communities and fed the "Single Large Or Several Small [SLOSS]" debate on the application of the principles of biogeography in reserve design and conservation biology (Diamond, 1972, 1973,

1975). More recently, research conducted in New Guinea by Vojtech Novotný and collaborators on plant-insect host specificity has bearing on global biodiversity numbers (e.g., Novotný et al., 2002; Hamilton et al., 2010). And then, of course, there is Tim Flannery's immensely popular *Throwim Way Leg*, a travelogue that perpetuates our perception of New Guinea as a frontier of biodiversity exploration (Flannery, 1998). The faunal diversity of the island's terrestrial, shallow marine, and coral environments is well known; the island is nestled in the middle of the Coral Triangle, a zone delineated by Taiwan, Bali, and the Solomon Islands that is home to about three quarters of the world's coral species (Veron et al., 2009).

In contrast, there is a surprising lack of information on the deep-sea ecosystems surrounding New Guinea and its satellite islands. Symptomatically, the *Challenger* expedition sailed almost directly from Torres Strait to Hong Kong and the Philippines; though it visited the Admiralty Islands in the Bismarck Sea from March 4–10, 1875, only a single deepwater haul was made in 150 fathoms; likewise, the Dutch *Siboga* expedition (1899–1900) did not sample east of Halmahera. In fact, of the "historical" exploring expeditions, only the Danish *Galathea* (1950–1952) and the Russian

Vityaz expeditions collected biological benthic samples in the region, namely the hadal part of the New Britain Trench in the Solomon Sea (Belyaev, 1972).

In fall 2010, the Muséum national d'Histoire naturelle (MNHN) and the Institut de Recherche pour le Développement (IRD; France), in collaboration with the University of Papua New Guinea (UPNG), put together a team of international scientists to explore and describe the deep benthic fauna of the Bismarck and Solomon Seas. The research cruise BioPapua mobilized 11 scientists from six countries, who occupied 156 stations within 2–9°S and 144–155°E (Figure 1). In this article, we review the available information on the deep-sea environments of Papua New Guinea (PNG), and describe the efforts deployed for the BioPapua cruise.

THE DEEP-SEA ENVIRONMENTS OF PAPUA NEW GUINEA

PNG is situated in one of the most geologically active regions in the world, where all possible types of plate boundaries can be observed (Tregoning et al., 2000). Most of the tectonic energy results from the collision of the Indo-Australian and Pacific Plates, which entrap the Bismarck, Solomon, and Woodlark Plates (e.g., Tregoning et al., 2000; Hall, 2002). To the north, the Manus Basin

The authors wish to dedicate this feature to Christian Késiano Fitialeata, who tragically passed away during the first leg of BioPapua. Christian had been a crew member on R/V Alis for many years, and was instrumental in the success of many cruises of the Tropical Deep-Sea Benthos program. He was a great companion at sea and on land, and is sorely missed.

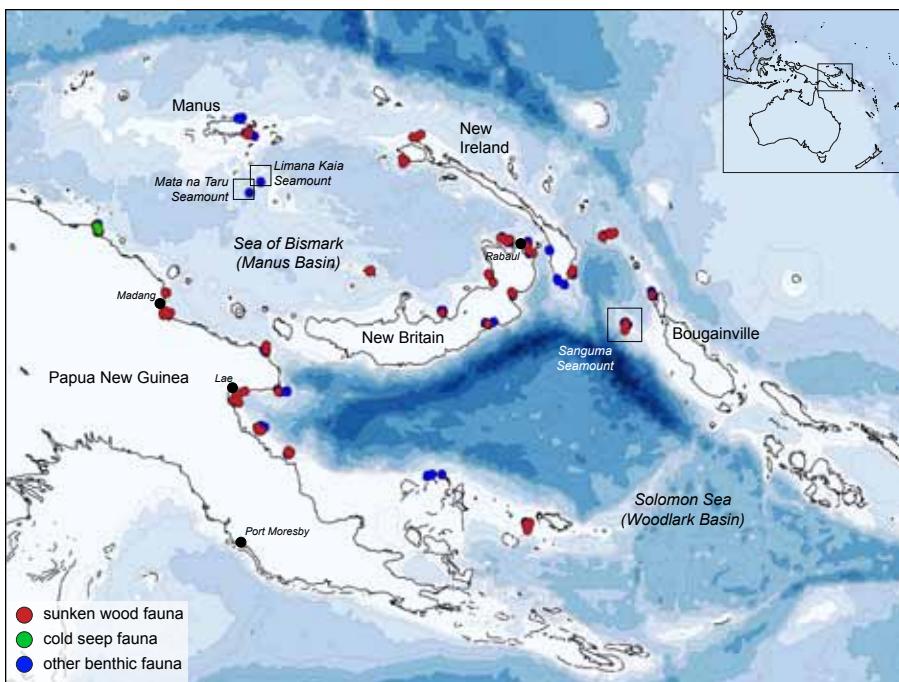


Figure 1. Map of Papua New Guinea and its satellite islands. Dots, color-coded based on faunal type, represent sampling stations. The insert provides a regional map. A marine geological map of PNG can be found in Tregoning et al. (2000).

recently formed (< 4 million years ago) in the Bismarck Sea. This sedimentary basin is characterized by several active accretion zones (the Manus Spreading Center, the South Eastern Rift, and the Western Rift zones) and is rapidly spreading. To the south, the young Woodlark Basin (formed < 2.5 million years ago) produces new oceanic crust, while the Solomon Plate subducts beneath the Bismarck Plate, forming the New Britain chain.

Most of the biological deep-sea scientific exploration done to date in the PNG region stemmed from geological research. PNG's strong tectonic activity is particularly conducive to hydrothermal venting, which was first revealed in the mid to late 1980s (Both et al., 1986; Tufar 1990; Lisitsyn et al., 1993). A series of international research efforts followed, with cruises involving American, Canadian, Australian, Japanese, Russian,

German, Austrian, and French teams (Auzende et al., 2000, and references therein). These efforts mostly focused on the Pacmanus and Vienna Woods vent fields in the Bismarck Sea, and on Franklin Seamount in the Solomon Sea.

The geological complexity and the rapidity of change observed in the area are of particular biogeographic interest, both in terms of biological colonization and diversity of habitat (e.g., hydrothermal vent fields, river sedimentary cones, seamounts, slopes and canyons, sedimentary plains). Significant efforts have been made to describe the endemic hydrothermal-vent fauna (e.g., Desbruyères et al., 2006, and references therein), but the general deep benthic fauna have yet to be described. For example, the Ocean Biogeographic Information System (OBIS) database contains information on 34 species of deepwater crustaceans, 30 of which are

vent endemic, a very meager inventory for an exclusive economic zone (EEZ) totaling over 2 million km² of benthic surface below 100 m depth (Vanden Berghe, 2007; Edward Vanden Berghe, OBIS, *pers. comm.*, 2011). The Bismarck and Solomon Seas host many underwater features such as seamounts, of which only a very few (e.g., Franklin and Edison Seamounts) have been sampled, mapped, or even visited. Allain et al. (2008) recently reviewed the seamounts of the southwestern Pacific by screening and cross checking 20 existing datasets, and listed 91 underwater features for the EEZ of PNG. No information is available for 69 of those features. The 22 other features were further classified into seamounts (11), drowned atolls and banks (7 and 1), ridges (2), and a plateau. This lack of information on PNG seamounts is reflected by the fact that no seamount site is available on the Seamount Online or Seamount Catalogue databases, not even the few that have been sampled.

NEW GUINEAN DEEP BENTHIC FAUNA IN A REGIONAL BIOGEOGRAPHIC CONTEXT

The current body of knowledge on New Guinean deep-sea benthic fauna comes almost exclusively from the study of highly specialized hydrothermal vent animals, the distribution of which strictly depends on the location of vent fields. Hydrothermal vent animals might therefore not be good models to represent the biology of deep New Guinean fauna. Data on other benthic groups, however, are sorely lacking, and do not allow us to understand patterns of faunal connectivity across the deep waters of the western Pacific Ocean at this time. This section summarizes

current knowledge on the biogeography of deep-sea benthic organisms in the western Pacific Ocean.

Studies of the global biogeography of hydrothermal vent fauna place New Guinean assemblages within a Southwestern Pacific Province. In the analysis of Bachraty et al. (2009), the Mariana back-arc basin, Loihi Seamount offshore Hawaii, seamounts of the Kermadec Arc in New Zealand, and the Central Indian Ridge delimit this region. Previous studies offer different boundaries for this province (e.g., Van Dover et al., 2002; Tyler and Young, 2003) but show faunal affinities between New Guinean vents and the Mariana, North Fiji, and Lau back-arc basins. These affinities, however, are relatively weak, as most vents are characterized by high endemism at the species level. In a multivariate community analysis, Desbruyères et al. (2006) found that the highest similarity level between vents of the Manus basin and other Southwest Pacific locations was 24% at the species level and 46% at the genus level, and linked the New Guinean vents to the communities of the North Fiji and Lau back-arc basins. In fact, Vrijenhoek (2010) and Van Dover (2011) recently proposed a biogeographic model in which New Guinean vents constitute the northwestern end of the range of a distinct Southwestern Pacific Province. The New Guinean back-arc basins are particularly isolated within the mosaic of western Pacific spreading centers, as about 1,500 km separate the Woodlark Basin from North Fiji and Manus from the Mariana Basin (Hessler and Lonsdale, 1991).

The geographic isolation of PNG hydrothermal-vent organisms may have

strongly affected their evolutionary history and current distribution. This fauna may therefore not be representative of the overall biogeography of deep-sea benthic fauna from this area. Unfortunately, data from other deep-sea organisms are very scarce. The known biogeography of the deep-sea coral genus *Chrysogorgia* well exemplifies the lack of information on nonvent, deep benthic fauna (Figure 2; Pante et al., in press). *Chrysogorgia* shows sampling gaps around PNG indicative of our state of knowledge on the New Guinean deep-sea fauna. Out of 65 species (and variations), 21 were originally described from locations in or on the immediate periphery of the Coral Triangle. Although five species from the Malay Archipelago were also observed in the Northeast Pacific (Hawaiian Archipelago), only two species were found to occur both east and west of the island of New Guinea. Although these results might simply be a sampling artifact or the result of incomplete taxonomic knowledge, they might also reflect actual biogeographic patterns.

Other invertebrate models suggest a dichotomy between northern and southern biogeographic provinces. In a large-scale analysis of squat lobster biogeographic patterns, Macpherson et al. (2010) established that the fauna of the Coral Sea (New Caledonia, Vanuatu, and the Solomon Islands) was significantly different from the species assemblages found in eastern Australia, Indonesia (Banda and Celebes Seas), and the Philippines. No data were available for PNG. Similar biogeographic studies focusing on deep-sea bathymodioline mussels support the same overall geographic separations, with mussel assemblages being very similar among New Caledonia, Vanuatu, and the Solomon Islands, and different from northern locations such as the Philippines (Lorion et al., 2010; Lorion and Samadi, 2010). Again, no data were available for PNG. Puillandre et al. (2010), questioning how modes of larval dispersal relate to geographical fragmentation in the gastropod *Bathytoma* in the western Pacific, also underlined the sore lack of specimens

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from New Guinea.

It is clear from hydrothermal vent community data available today, as well as from the biogeographic patterns of corals, galatheid crabs, and bathymodioline mussels, that the deep waters of PNG are located at the confluence of different biogeographic regions. The foundations of our exploration of PNG deep benthic ecosystems are therefore both discovery- and hypothesis-driven, as we aim to document the deepwater benthic organisms present in nonhydrothermal ecosystems and to understand their historical and contemporary biogeography in the context of the tropical Western Pacific. Are organisms from this region more closely related to southern, northern, or western species pools? What are

the historical and contemporary mechanisms leading to the faunal discontinuities within the region?

BIOPAPUA AND THE TROPICAL DEEP-SEA BENTHOS PROGRAM

BioPapua is part of a long-term research endeavor called the Tropical Deep-Sea Benthos (TDSB) program. Started in the 1980s by the IRD (formerly Office de la Recherche Scientifique et Technique Outre-Mer [ORSTOM]) and the MNHN, its goal is to explore the deep benthic ecosystems of the tropical Indo-West Pacific, with special emphasis on macroinvertebrates. Since the late 1970s, more than 60 TDSB cruises have been conducted from Taiwan to the Marquesas Islands, and sampling was

conducted at over 5,000 stations between 100 and 1,500 m depth. Through taxonomic networking with an international team of more than 200 scientists, over 2,000 new species have been described based on material from the TDSB program (Bouchet et al., 2008).

TDSB cruises, because of their robustness and relative technical simplicity, often represent the first-ever exploration of the deep-sea benthos in remote areas such as Tonga, the Solomon Islands, or Vanuatu. BioPapua, as most TDSB cruises, relied on the New Caledonia-based R/V *Alis*, a 28 m long ship with high maneuverability. The combined use of a beam trawl and a dredge maximizes the types of substrates and faunal diversity that can be collected (Figure 3).

BIOPAPUA RESEARCH THEMES AND PRELIMINARY RESULTS

The first purpose of BioPapua, as for previous TDSB cruises, was to explore remote and uncharted territory and describe its deep benthic fauna. Beyond this effort of discovery, BioPapua was designed to sample specimens from targeted habitats and address specific questions on the evolution of deepwater invertebrates. We outline research themes and preliminary results below.

Sunken Wood and the Evolution of Chemosynthetic Organisms

Since their discovery in 1977 on the Galápagos Spreading Center (Lonsdale, 1977), hydrothermal vents have been the focus of tremendous research interest. Although significant efforts were put forth to characterize this environment and elucidate the mechanisms involved in its functioning and maintenance, much less is

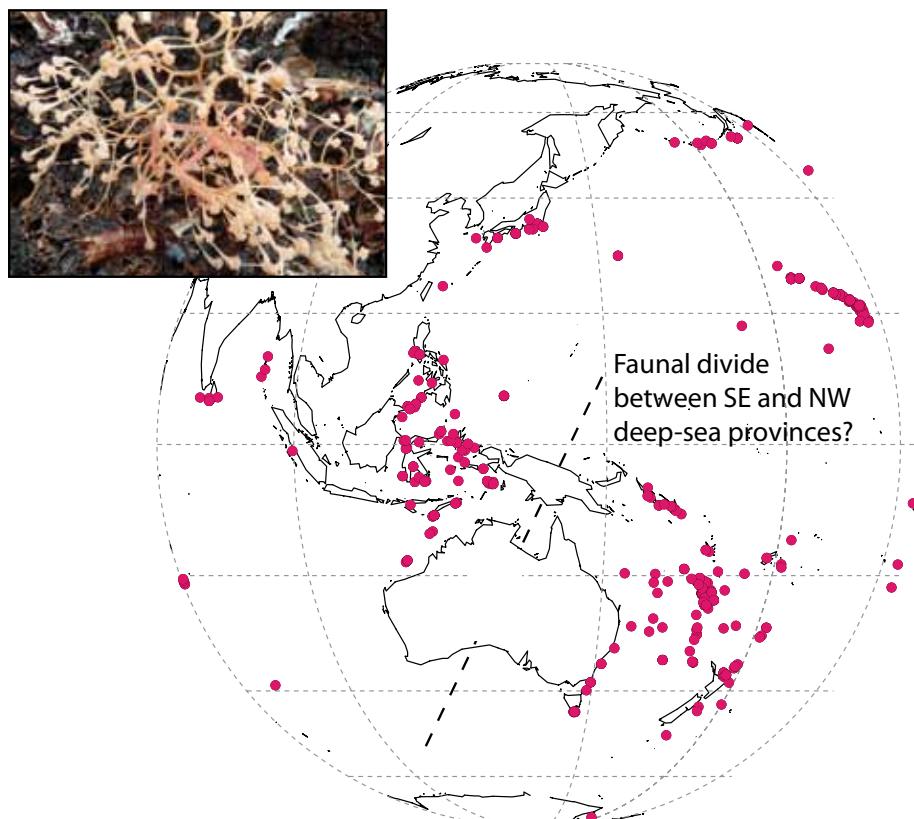


Figure 2. Geographic distribution of 634 records of the octocoral genus *Chrysogorgia*. Inset: one of the 56 colonies of *Chrysogorgia* sampled during BioPapua, with associate squat lobster (data from Watling et al., 2011).

known about the evolutionary origins of its fauna. Phylogenetic studies of the deep-sea mussels of the subfamily Bathymodiolinae show that species from vents, seeps, and deep-sea organic falls (vegetation and whale carcasses) form monophyletic clades, suggesting that these deep-sea bivalves may have used organic falls as a transitional habitat from shallow habitats to deep vents and seeps (Distel et al., 2000). Recent results suggest that the evolutionary history of deep-sea mussels associated with organic falls is completely tangled with that of vent and seep mussels, with scenarios probably more complex than the “wooden steps” hypothesis (Lorion et al., 2010). Moreover, geography, rather than habitat specificity or chemosymbiotic requirements, seems to significantly structure diversification patterns in sunken wood-associated mytilids (Lorion et al., 2009, 2010).

There are still large gaps in our understanding of the series of evolutionary events that lead to the diversification of vent, seep, and organic fall fauna. First, sampling plays a crucial role in comparative phylogenetic inference, and most studies to date are biased toward a more robust sampling of vents and seeps. Incomplete sampling can lead to phylogenies that do not accurately reflect evolutionary history. There is therefore a need to thoroughly characterize both vent/seep and organic fall biodiversity. One objective of BioPapua was to provide new material that may promote understanding of the evolutionary origins of the crustaceans and mollusks inhabiting deep-sea chemosynthetic environments. To fill the identified sampling gaps, the main objectives are (1) to describe the diversity (morphological, genetic, and

ecological) associated with organic falls, (2) to determine how organisms rely on organic remains, and (3) to investigate the historical and ecological factors that may have influenced the diversification of this fauna.

Among the 156 stations sampled during BioPapua, 84 contained sunken vegetation. A wide array of bays and submarine canyons was sampled, from the mouth of the Sepik River to Mambare Bay on the eastern coast of the island of New Guinea, and on the eastern and western coasts of New Britain. Trawling revealed a wealth of decomposing wild and cultivated plants (tree trunks, branches and leaves, sugar cane, coco, and nypa nuts). Decaying vegetation was found accumulating at the bottom of submarine canyons. As expected, these substrates were host to a unique fauna, composed of mollusks

(wood-boring bivalves and mytilids, chitons, gastropods; see Warén, 2011), crustaceans (isopods, amphipods, barnacles, and decapods), echinoderms (sea urchins, sea stars, and ophiuroids), polychaetes (19 families identified so far), and sipunculids (see Figure B1 in Box 1), a composition that was consistent with previous findings from other locations in the Southwest Pacific (Samadi et al., 2010). For example, the crustaceans collected on plant remains belong to a few genera repeatedly found on such material throughout the Indo-Pacific (for decapods: the galatheids *Munida* and *Munidopsis*, the hermit crabs *Xylopagurus* and *Pylocheles*, and the thalassinids *Callianassa*; Samadi et al., 2010). Most of the taxa, however, probably belong to new species. Recent work of author Thubault and colleagues includes nine samples collected during

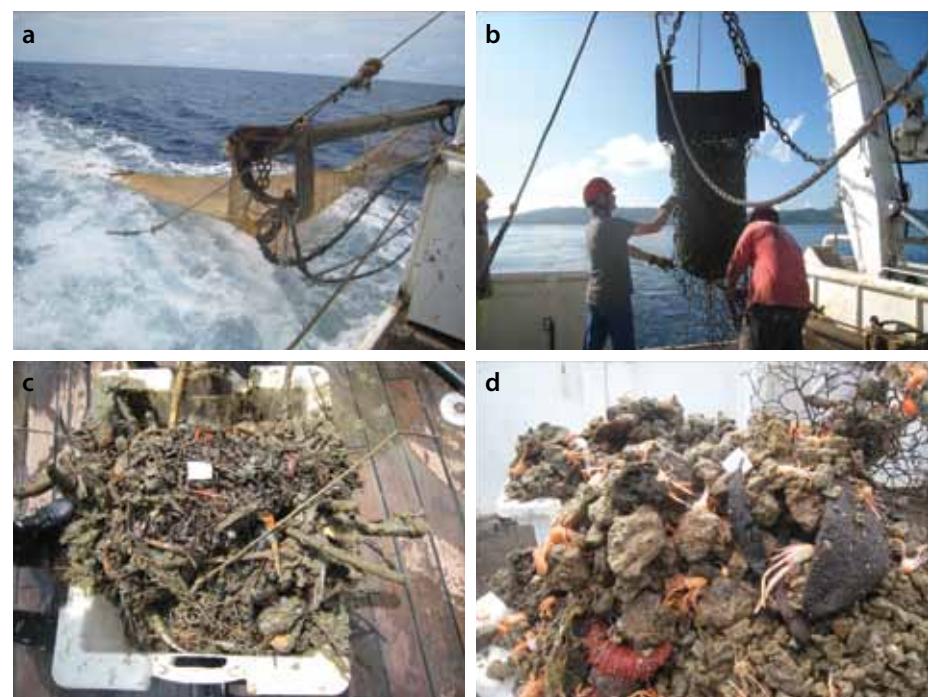


Figure 3. Sampling strategy employed during BioPapua and other TDSB cruises. (a) Beam trawl. (b) Warén dredge. (c–d) Raw samples that illustrate the abundance of fauna collected and the diversity of substrates.

BOX 1. VEGETATION-ASSOCIATED FAUNA

The Challenger expedition (1872–1876) casually documented the presence of animals on plant remains at the deep seafloor, but the importance of plant material in the deep sea was not underscored until Wolff (1979). Until recently, plant-associated organisms were mainly looked at as zoological and/or ecological curiosities and thus (apart from taxonomic consideration) only anecdotally studied. During previous TDSB cruises in the Solomon Islands, it became clear that the slopes of oceanic islands within the region accumulate large amounts of decomposing vegetation. Organic debris was associated with a rich and original fauna (Samadi et al., 2007a; Warén, 2011), and its discovery catalyzed new research interests for the TDSB team (Samadi et al., 2010). Subsequent cruises in the Solomon Islands and Vanuatu specifically targeted sunken vegetation to further characterize this fauna. PNG and its satellite islands appear to be a very promising location for such studies. Their lush coastal tropical forests and large rivers transition into bays and canyons that may accumulate sunken vegetation. Figure B1 shows some of the diversity found on plant remains. *Adipicola longissima* (Figure B1 c) is a mussel found mainly in association with *Nypa fruticans* nuts. In contrast with other sunken wood mussels that have extensive geographic distributions in the Pacific, *Adipicola longissima* is restricted to the areas where nypa palms grow (mainly the Philippines, Indonesia, PNG, and the northern area of the Solomon Islands). Chitons revealed unsuspected diversity, and a wealth of undescribed species (Figure B1 a–f; Nicolas Puillandre, Muséum national d'Histoire naturelle, pers. comm., 2012). The amphipod genus *Bathyceradocus* (Maeridae; Figure B1 i) was represented by eight species, four of them new. A wood-based diet and the presence of

bacterial ectosymbiosis have been confirmed for several specimens, and molecular analyses revealed unexpectedly high diversity (recent work of author Corbari). Wood-dependent diets and bacterial interactions have already been demonstrated for different wood-associated organisms (sea urchins, Becker et al., 2009; *Pectinodonta*, Zbinden et al., 2010; *Munidopsidae*, Hoyoux et al., 2009). Future work will focus on placing trophic relationships in an evolutionary context.

Animals are not the only active decomposers of plant remains. Wood decay also results from the metabolic activities of bacteria (Waterbury et al., 1983; Distel and Roberts, 1997) and fungi (Ray, 1959; Ray and Stuntz, 1959). Although shallow marine fungi are common and diverse (550 species described, at least 1,500 expected to exist), deep-sea fungi appear to be rare (four species described from > 1,600 m) and are still little studied (Dupont et al., 2009, and references therein). For example, *Oceanitis scuticella*, originally described in 1977, was not seen until 2004, when specimens were collected in Vanuatu and the Solomon Islands during TDSB cruises (Dupont et al., 2009). *Alisea longicolla*, a new genus and species described from material collected alongside *O. scuticella* during a 2005 TDSB cruise (Dupont et al., 2009), is another example of how rare and understudied taxa are brought to light by the exploratory TDSB cruises. During BioPapua, deep-sea fungi were sampled at seven stations deeper than 700 m. Samples include a new occurrence for *O. scuticella* and also a new occurrence (at 700–1,150 m depth) of an undescribed morpho-species that was previously known from only a few specimens collected in 2007 off the Solomon Islands (Figure B1 g).

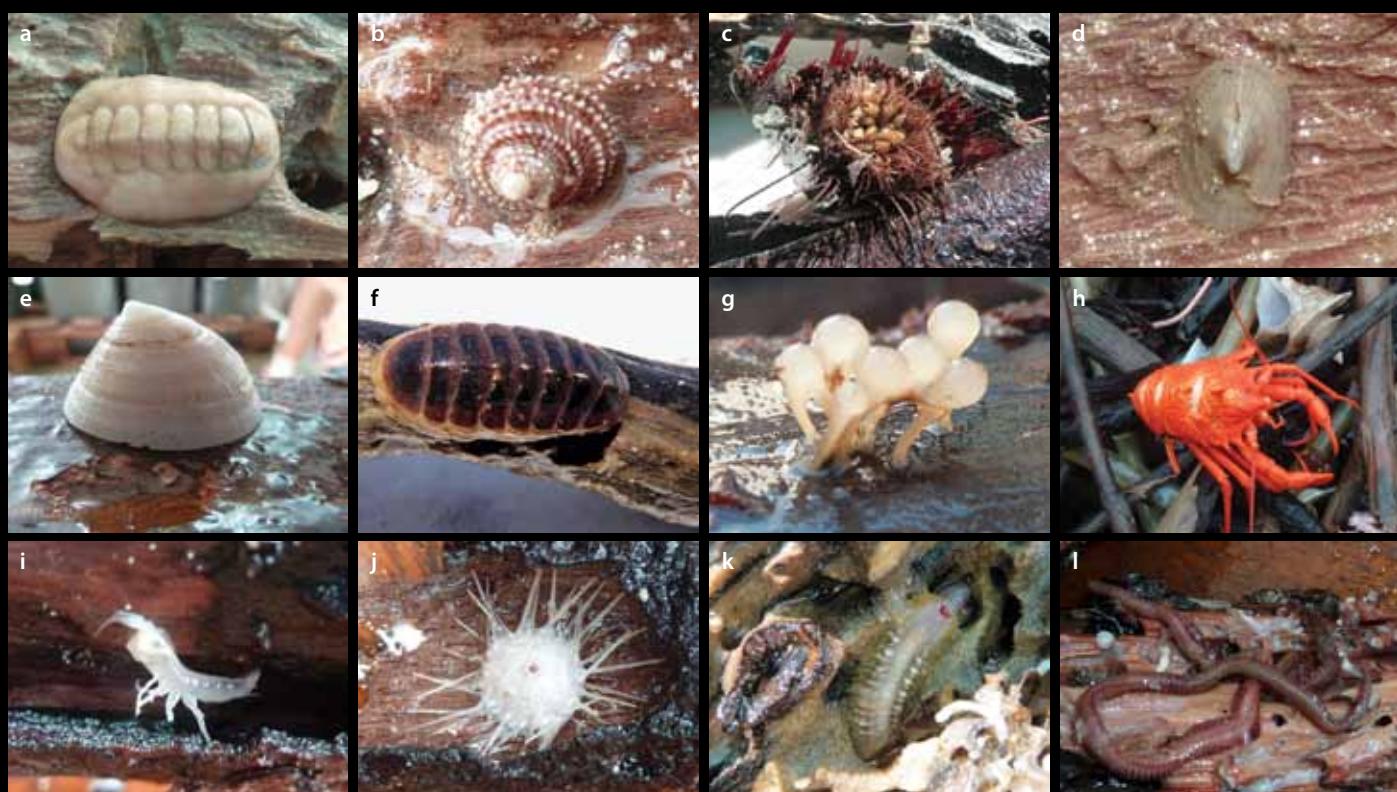


Figure B1. Deck photos of vegetation-associated fauna. (a) Chiton, *Ferreiraella* sp. (b) Cataegidae, *Cataegis* sp. (c) Mytilidae, *Adipicola longissima* nested in nypa palm nut. (d) Fissurellidae, *Puncturella* sp. (e) Pectinodontidae, *Pectinodonta* sp. (f) Chiton *Leptochiton* sp. (g) Undescribed fungi. (h) Munidopsidae *Galacantha* sp. (i) Maeridae, *Bathyceradocus* sp. (j) ?Echinidae. (k) Polynoidae, *Harmothoe* sp. (l) Eunicidae, *Eunice* sp.

BioPapua into a larger study of the biogeography and integrative biology of *Adipicola iwaotakii*, a small bathymodioline mussel associated with sunken wood. This group has found high genetic diversity (seven mitochondrial COI haplotypes), a signal of population expansion, and a closer biogeographic relationship to the Solomon Islands, Vanuatu, and New Caledonia than to Japan and the Philippines. Among the 26 putative species of wood-associated mussels recognized by Lorion et al. (2010) for the Southwest Pacific, 11 were collected during BioPapua. None of the nine putative species found in the Philippines and Japan were collected in PNG; the wood-associated mussel fauna of PNG has therefore stronger affinities with southern locations such as New Caledonia.

Connectivity and Endemism of Seamount Fauna

Describing biodiversity from underwater mountains or seamounts (e.g., Stocks, 2009) has become one of the major themes of deep-sea exploration (e.g., special issue on “Mountains in the Sea,” *Oceanography* vol. 23, March 2010, <http://www.tos.org/oceanography/archive/23-1.html>). Seamounts are among the most ubiquitous underwater features in the ocean (Wessel et al., 2010) and may constitute one of the largest marine biomes, with a cumulative surface area exceeding 17 million km² (Etnoyer et al., 2010; Yesson et al., 2011).

Seamounts constitute an ideal system for the study of deep-sea biogeography as they are prevalent across ocean basins, are patches of hard substrata scattered on vast sedimentary plains, and are characterized by hydrographic features that could significantly hinder faunal

dispersal (e.g., Clark et al., 2010). The extent of faunal connectivity among seamounts and seamount chains is, however, still poorly known. Beyond theoretical inquiries, there is a strong practical need to understand seamount ecosystems in order to manage fragile fisheries resources and associated fauna. Seamounts aggregate commercially important fish species and are hotspots of pelagic and benthic biodiversity (Samadi et al., 2007b; Morato et al., 2010). The impact of deep-sea trawling on developing seamount fisheries has been shown to be catastrophic and long lasting (Althaus et al., 2009; Williams et al., 2010); therefore, there is no more critical time to study seamount ecosystems.

The scarcity of data on seamount fauna, however, prevents us from conceptualizing the processes that shape and maintain seamount faunal assemblages. The major obstacles to describing the biodiversity and biogeography of seamount fauna are (1) a lack of geographically comprehensive sampling, (2) the paucity of model systems allowing faunal comparisons across seamount chains, oceans, and depth regimes, and (3) the lack of integration of genetic information into the estimation of endemism levels. Indeed, since the inception of seamount science, many paradigms for the ecology of seamount fauna have been proposed, but few are strongly supported by empirical evidence (Rowden et al., 2010). There is therefore a strong need for the seamount research community to sample across the diversity of seamount environments (e.g., depth range, steepness, geological origin, habitat composition, and water-column productivity) and geographical locations

(e.g., latitude and isolation from continental margins).

One of the goals of BioPapua was to help fill the geographical gap in our understanding of Pacific seamount communities. Three of the seamounts catalogued by Allain et al. (2008) were sampled during BioPapua. Two are located in the Bismarck Sea, between Manus Island and the Western Rift accretion zone (3.05°S, 147.53°E and 3.23°S, 147.33°E, five stations sampled). The first seamount, Limana Kaia, appeared poor in benthic fauna, as our trawl mostly brought back bare rocks. This negative result might be explained by limited and/or unsuccessful sampling on rugged terrain. The second seamount, Mata Na Taru, is more interesting from a biological standpoint, as we were able to collect a diverse fauna. The third seamount (Sanguma, 5.53°S, 154°E, seven stations sampled) is located east of the north end of Bougainville Island, on the edge of the Solomon Trench, an active zone of subduction of the Solomon Plate under the Pacific Plate. This seamount, sampled at depths between 369 and 768 m, revealed a wealth of filter-feeding invertebrates, such as hydroids, sea pens, octocorals, and sea anemones, as well as a rich crustacean fauna.

Forty-four live specimens of *Nassaria* were collected during BioPapua, including seven on Sanguma Seamount. This neogastropod, with a nonplanktotrophic, poorly dispersive larval stage, is one of the model systems used to investigate faunal connectivity patterns between slope and seamount environments in New Caledonia (Castelin, 2010; Castelin et al., 2010). Among the 250 individuals previously analyzed (collected during seven cruises representing approximately

800 sampling stations), 11 putative molecular species were detected, of which four were found exclusively in the Philippines (111 stations), and seven in New Caledonia (600 stations). Among the 44 BioPapua specimens of *Nassaria*, nine putative molecular species (one common among BioPapua stations, all

the others being rare) were detected, and only two of these are shared with the rich New Caledonian fauna (Magalie Castelin, Muséum national d'Histoire naturelle, *pers. comm.*, 2012).

Among octocorals, *Chrysogorgia* was particularly diverse, as 12 putative species (based on DNA barcoding

using *mtMutS*; McFadden et al., 2010; Pante and Watling, 2011) were detected, 25% of them new to our collections (Pante et al., *in press*) and most being rare. This species pool represents 35% of the diversity found in the Pacific, and 27% of the total haplotypic richness of the genus (although we warn that these

BOX 2. BIODIVERSITY HIGHLIGHTS

One main focus of TDSB cruises is to explore and document deep-sea biodiversity. While searching for accumulations of sunken vegetation at the mouth of the Sepik River (03°53'S, 144°41'E), we sampled organisms typically found at cold seeps and hydrothermal vents, among them beard worms (Siboglinidae: *Escarzia* sp. and *Lamellibrachia* sp.) and two undescribed species of bathymodioline mussels (*Gigantidas* sp.; Figure B2 e–f), one of which associated with a polynoid scale worm (*Branchipolynoe* aff. *pettiboneae*; Figure B2 g). Several undescribed species of *Gigantidas* were already known from nearby seep localities (Kyuno et al., 2009) off New Guinea. On the last leg of Biopapua, we sampled the extraordinary copepod *Cardiodesetes* sp. (Figure B2 i; Jean-Lou Justine, Muséum national d'Histoire naturelle, *pers. comm.*, 2012) on the eye of its fish host, and eulimid gastropods neatly attached on their urchin host (Figure B2 c). Species of the Eulimidae are all parasites of echinoderms, and much work remains to be done to understand patterns of host specificity and echinoderm-mollusk co-evolution. Another noteworthy find was a specimen of *Bayerotrochus* (Figure B2 a). This grazing mollusk of the family Pleurotomariidae has a continuous fossil record since the Silurian. As for many other groups, pleurotomariids had never before been recorded from the vicinity of New Guinea (Harasewych, 2002). This specimen probably belongs to an undescribed species (Patrick Anseeuw, Royal Belgian Institute of Natural Sciences, *pers. comm.*, 2012).



Figure B2. Biodiversity examples: (a) Pleurotomariidae, *Bayerotrochus* sp. (b) Amphynomidae, *Chloeia* sp. (c) Eulimidae, *Pelseneeria* sp. on sea-urchin. (d) Nassariidae, *Nassarius* sp. (e) Mytilidae, *Gigantidas* sp. nov 1. (f–g) Mytilidae, *Gigantidas* sp. nov 2 in association with *Branchipolynoe* sp. nov. (h) Buccinidae, *Nassaria* sp. (i) Parasitic copepod Pennellidae, *Cardiodesetes* sp. (j) Deep-sea fish, ?Chauliodidae. (k) Cirripedia, Lepadidae.

results will have to be analyzed using rarefaction analysis). Interestingly, two of these 12 putative species collected on Sanguma Seamount were also previously found on New Caledonian seamounts (one on Norfolk Ridge, the other on Loyalty Ridge), suggesting, as for the gastropod *Nassaria*, broad geographical distribution of these seamount organisms.

CONCLUSION

Very little is known of the biodiversity and biogeography of deep-sea animals from PNG. The data available, however, suggest that deep New Guinean fauna is at the confluence of significantly different biogeographic regions, and is more closely related to the southern than the northern Pacific fauna. Preliminary data suggest that deep New Guinean fauna is highly diversified. As an example, a rapid assessment of decapod crustacean biodiversity revealed more than 500 species collected, including four new genera (in the families Solenoceridae, Galatheidae, Callianassidae and Parapaguridae; Figure 4) and about 15% new species.

We expect that further study of the material collected during BioPapua will shed light on large-scale biogeographic patterns in the tropical deep sea of the Western Pacific Ocean. While we are just beginning to fathom the amplitude of biodiversity in deep New Guinean waters, mining exploration and exploitation of seafloor massive sulfides (SMS) is flourishing in the region (Hoagland et al., 2010; Van Dover, 2011). The exploitation of metals from SMS deposits is an emerging industry, and adverse environmental effects are hard to predict, as hydrothermal vent and adjacent ecosystems are still poorly known. We



Figure 4. New and undescribed crustacean species. (a–b) Family Solenoceridae, *Maximiliaeus odoceros* (Chan, 2012). (c) Family Epialtidae, *Oxypleurodon stimpsoni* Miers, 1886. (d) Family Goneplacidae, *Thyraplax* sp. (e) Family Paguridae, *Bathypaguopsis* sp. (f) Family Munidopsidae, *Munidopsis* sp. Photos: Tin-Yam Chan

therefore hope that our geographically comprehensive sampling program will provide a baseline for the biodiversity of the deep benthic organisms of the Bismarck and Solomon Seas.

ACKNOWLEDGEMENTS

The authors warmly thank the crew of R/V *Alis*, who made the TDSB cruise series a great success. We thank the participants of the BioPapua cruise: Jesse Apone, Edwin Sohun, and Alfred Koou (UPNG); Julie Ponsard (University of Liège); Mao-Ying Lee and Ruei Yi Lee (National Taiwan Ocean University); and Anders Waren (Swedish Museum

of Natural History). We warmly thank our contacts at the University of Papua New Guinea and the PNG National Research Institute, particularly Jim Robins who was instrumental in obtaining research permits, and Edward Vanden Berghe and Gilberto Marani for their help extracting data from the OBIS database. We thank Nicolas Puillandre, Magalie Castelin, Stéphane Hourdez, Jean-Lou Justine, Patrick Anseeuw, and James Albert for sharing data and providing specimen identifications. Comments from Amélia Viricel and three anonymous reviewers significantly improved the manuscript. EP thanks

Estefania Rodriguez (American Museum of Natural History) and Scott France (University of Louisiana at Lafayette) for their financial support. The participation of TYC in the BioPaupa cruise was supported by the Academia Sinica and the National Science Council, Taiwan R.O.C. The research on wood organisms is supported by the French “Fondation pour la Recherche en Biodiversité” (grant FRB2009 BioWood 340-10). ☐

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Appendix 5

Richer de Forges B. & Corbari L. (2012) A new species of *Oxypyleurodon* Miers, 1886 (Crustacea, Brachyura, Majoidea) from the Bismarck Sea, Papua New Guinea. *Zootaxa*. 3320: 56–60

A new species of *Oxypyleurodon* Miers, 1886 (Crustacea, Brachyura, Majoidea) from the Bismarck Sea, Papua New Guinea

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Abstract

Recently collected specimens from the deep sea off Papua New Guinea revealed the presence of a new species of *Oxypyleurodon* Miers, 1886 (Majoidea). The new species is a member of the *O. auritum* group but its flattened rostral spines and the triangular shape of the carapace easily distinguishes it from congeners.

Key words: Crustacea, Decapoda, Brachyura, Majoidea, *Oxypyleurodon*, new species, Papua New Guinea.

Introduction

Recent samplings of the benthos from the bathyal zone in the Indo-West Pacific have shown a very diverse crab fauna. Many new taxa have been described, mainly in the Homoloidea and Majoidea (e.g., Richer de Forges & Poore 2008; Richer de Forges & Ng 2009; Richer de Forges 2010). The genus *Oxypyleurodon* Miers, 1886, described from the *Challenger* material, is particularly rich in species. Twenty-three species were listed by Richer de Forges and Ng (2009); with another species, *O. holthuisi* Richer de Forges, 2010, described from the Mozambique Channel. In addition, four species placed by Tavares (1991) under *Nasutocarcinus* were transferred to *Oxypyleurodon* by Richer de Forges & Ng (2010). The number of *Oxypyleurodon* species so far stands at 28.

The present article describes a new species collected off Papua New Guinea. The continental slope of this island situated close to the Coral Triangle has received little attention thus far. The Tropical Deep-Sea Benthos cruises (Bouchet *et al.* 2008) have focused mainly on the Philippines and Coral Sea. The 2010 BIOPAPUA cruise studying the benthic biodiversity in the Bismarck Sea and off southeastern Papua New-Guinea aimed to fill this gap.

The abbreviations G1 and G2 refer to the male first and second gonopods. The measurements, in millimetres, are of the carapace length and the width, respectively. Material is deposited in the Muséum national d'Histoire naturelle, Paris (MNHN).

Systematic account

Majoidea Samouelle, 1819

Family Epialtidae MacLeay, 1838

Pisinae Dana, 1851

***Oxypyleurodon* Miers, 1886**

Oxypleurodon christiani n. sp.

Figs 1 A–C; 2 A, B; 2 A.

Material examined: Papua New Guinea, Bismarck Sea, west of New Hanover I., BIOPAPUA, stn. CP 3653, 02°13' S - 150°23' E, 680–700 m, 28/08/2010: male holotype 18.5 x 12.6 mm (MNHN-IU-2011-3891) S. Samadi & L. Corbari coll.

Diagnosis: Carapace triangular. Rostrum composed of 2 flattened, ear-shaped horns which are closely clustered. Carapace with raised plates arranged as follows: 2 semicircular supraocular plates; 1 gastric plate composed of 2 parts, long slender anterior gastric part connected with small posterior transverse part; 1 cardiac plate regularly curved, connected to posterior border of carapace, forming typically mushroom-shaped structure; 2 large branchial plates fused with 2 hepatic plates (Fig. 1A, 2A); branchial plate with deep notch on interior side (Fig. 1).

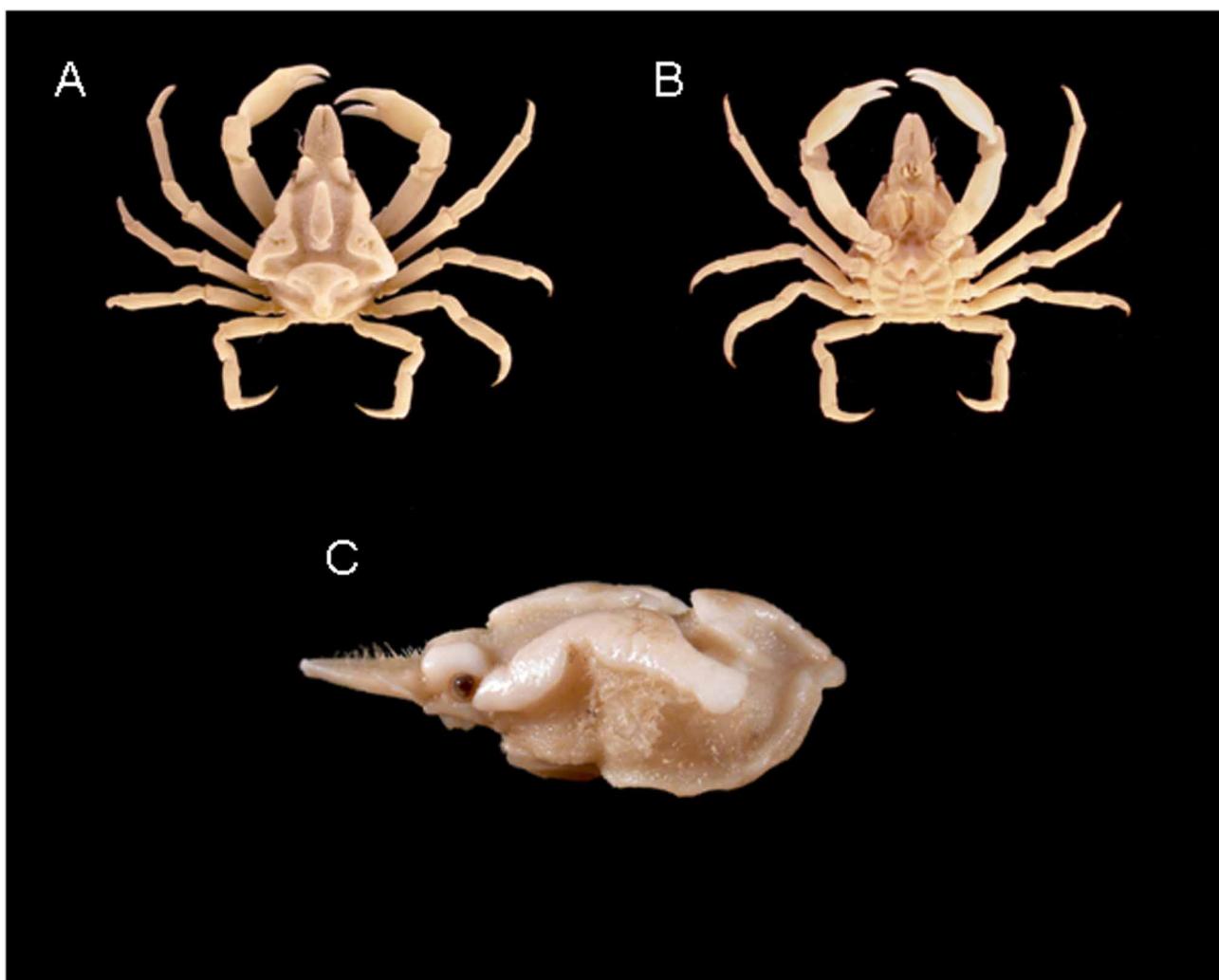


FIGURE 1. *Oxypleurodon christiani* n. sp. A, dorsal view; B, ventral view; C, lateral view of carapace (Photos by J.-F. Dejouannet).

Eyes small with dark, round cornea, protected by anterior part of hepatic plate. Antennae very short. Antennules inserted inside fossae. Quadrangular buccal frame closed by third maxillipeds. Thoracic sternal sutures with deep obliquely transverse grooves (Fig. 1B). Chelipeds inflated, with smooth surface, sharp fingers. Ambulatory legs with articles cylindrical in cross-section; dactyli long, curved, sharp. Second pereopod subequal in length to cheliped.

Male abdomen with seven somites, including telson. First male gonopod almost straight, flattened apically (Fig. 2 A–B).

Live specimen orange-red.

Etymology: The species is dedicated to Christian Fitialeata, a sailor of the R.V. *Alis*, a good man and esteemed colleague who suddenly passed away in Rabaul under unfortunate circumstances during the BIOPAPUA cruise.

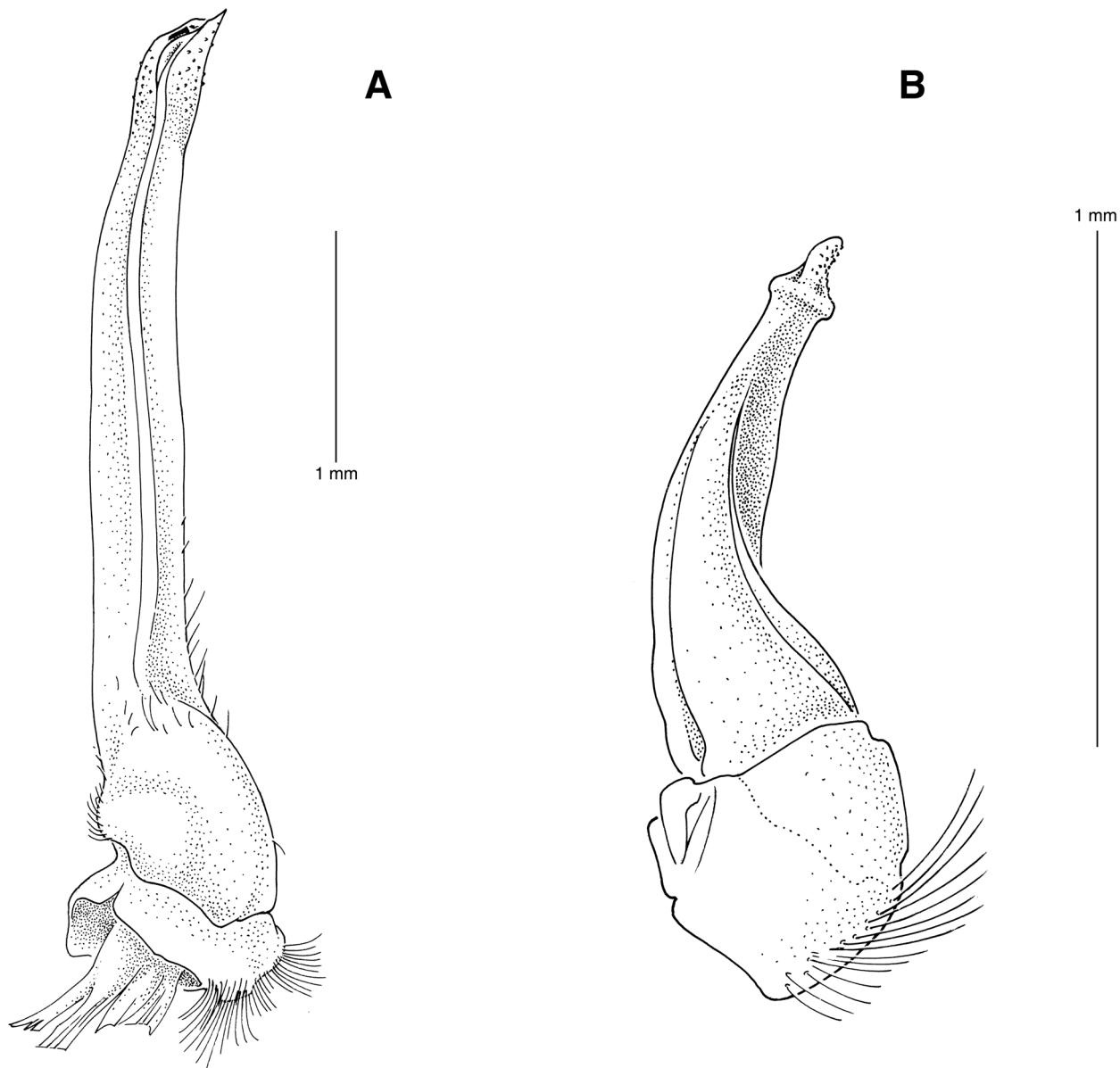


FIGURE 2. *Oxypleurodon christiani* n. sp., holotype. A, first male gonopod; B, second male gonopod.

Remarks: *Oxypleurodon christiani* n. sp. belongs to the *Oxypleurodon* group of species which has short flattened rostral spines (Fig. 3). The other species in this group are *O. auritum* (Rathbun, 1916), *O. boholense* Richer de Forges & Ng, 2009, and *O. barazeri* Richer de Forges & Ng, 2009.

Oxypleurodon christiani n. sp. is easily distinguishable from *O. barazeri*, where the carapace is more rounded with less marked dorsal plates less marked than in the new species (Fig. 3A versus Fig. 3D) (Richer de Forges & Ng 2009: 252, fig. 3C). The main difference between *O. christiani* n. sp. and *O. boholense* is in the rostrum, which has sharp, diverging spines in *O. boholense* (Fig. 3C) (Ng et al. 2008: 107, fig. 88; Richer de Forges & Ng 2009: 252, fig. 3D) but rounded and clustered spines in *O. christiani* n. sp. (Fig. 3A). In *O. christiani* n. sp., the large cardiac plate is fused with the intestinal plate, forming a mushroom-shaped structure, in contrast to *O. boholense* where there are only a few marked intestinal plates (Fig. 3C). The long branchial plate is separated from the hepatic plate by a deep gap in *O. boholense*, whereas these two plates are completely fused in *O. christiani* n. sp. (Fig. 1C).

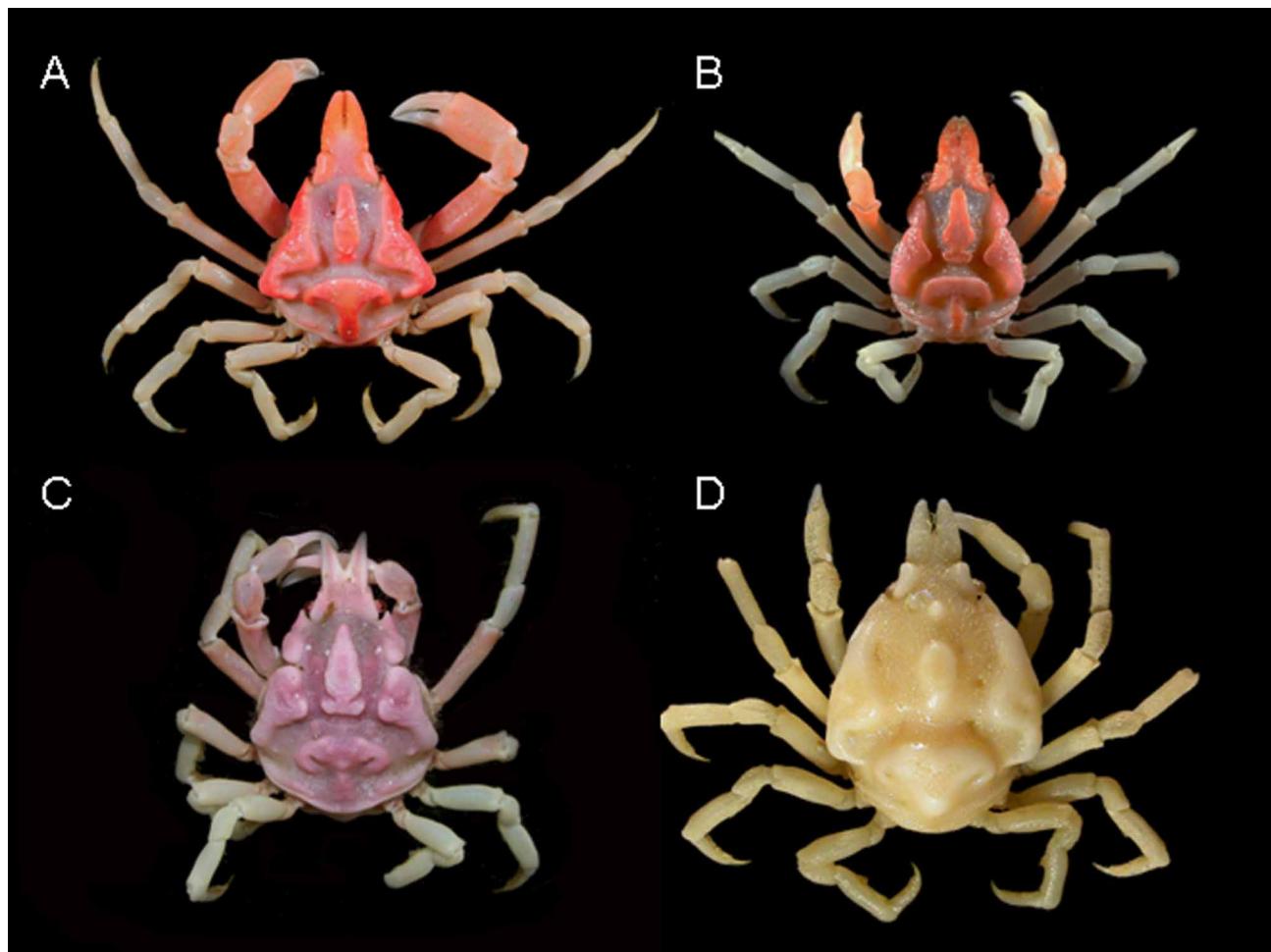


FIGURE 3. Comparative views of *Oxypleurodon* species. A, *O. christiani* n. sp. (Papua New Guinea, BIOPAPUA, stn. CP3653); B, *O. auritum* (Philippines, AURORA, stn. CP2678); C, *O. boholense* (Philippines, PANGLAO 2005, stn. CP2362); D, *O. barazeri* (Solomon Is., SALOMON 1, stn. CP1792). (Photographs: A-C, T.Y. Chan; D, J.-F. Dejouannet).

Oxypleurodon christiani n. sp. seems to be closest morphologically to *O. auritum* because the flattened rounded spines of the rostrum are similar (Fig. 3B) (Griffin 1976: 211, fig. 10b; Takeda & Nagai 1979; Richer de Forges & Ng 2009: 252, fig. 3B). The differences, however, are obvious. In *O. auritum*, the carapace is pyriform, with a rounded branchial region (Fig. 3B) while the carapace is more triangular, with the branchial plate forming an acute angle in *O. christiani* n. sp. (Fig. 1A; 3A). The supraocular plate is also relatively larger in *O. auritum* than in *O. christiani* n. sp. (Fig. 3B versus Fig. 3A). The mediogastric plate is oblong in *O. christiani* n. sp. (Fig. 3A) but posteriorly enlarged in *O. auritum* (Fig. 3B). The branchial and hepatic plates just touch each other in *O. auritum* whereas they are completely fused in *O. christiani* n. sp. *Oxypleurodon christiani* n. sp. was first figured (but unnamed) on the color poster published by Tin-Yam Chan (National Taiwan Ocean University, Keelung) under the title "Papua New Guinea deep-sea crustaceans revealed by the survey of the BIOPAPUA cruise".

Acknowledgments

We are very grateful to Tin-Yam Chan (National Taiwan Ocean University, Keelung) for providing the color photograph of the new species. We thank the crew of the R.V. *Alis*, who collected the material, and bear the great suffering of having lost one of them. Paula Martin-Lefevre (MNHN) assisted in curating the material. Some of the photographs (Figs. 1; 3D) and drawings were made by Jean-François Dejouannet (IRD at MNHN, Département Systématique et Évolution). Many thanks are due to Peter K.L. Ng (National University of Singapore) for his valuable remarks on the manuscript.

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Appendix 6

Taxonomic list: specimens present in MNHN and Taiwan collections

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IM-2009-15344	1	BIOPAPUA	CP3689	Mollusca	Muricidae	Muricidae sp.
IM-2009-15330	1	BIOPAPUA	CP3689	Mollusca	Muricidae	Muricidae sp.
IM-2009-15332	1	BIOPAPUA	CP3708	Mollusca	Muricidae	Muricidae sp.
IM-2009-15345	1	BIOPAPUA	CP3718	Mollusca	Muricidae	Muricidae sp.
IM-2009-15335	1	BIOPAPUA	DW3720	Mollusca	Muricidae	Muricidae sp.
IM-2009-15349	1	BIOPAPUA	CP3679	Mollusca	Muricidae	Muricidae sp.
IM-2009-15283	1	BIOPAPUA	CP3708	Mollusca	Muricidae	Muricidae sp.
IM-2009-15354	1	BIOPAPUA	CP3741	Mollusca	Cancellariidae	Cancellariidae sp.
IM-2009-15292	1	BIOPAPUA	CP3718	Mollusca	Muricidae	Muricidae sp.
IM-2009-15337	1	BIOPAPUA	CP3722	Mollusca	Muricidae	Muricidae sp.
IM-2009-15336	1	BIOPAPUA	CP3674	Mollusca	Muricidae	Muricidae sp.
IM-2009-15322	1	BIOPAPUA	CP3708	Mollusca	Muricidae	Muricidae sp.
IM-2009-15350	1	BIOPAPUA	CP3689	Mollusca	Muricidae	Muricidae sp.
IM-2009-15329	1	BIOPAPUA	CP3674	Mollusca	Muricidae	Muricidae sp.
IM-2009-15352	1	BIOPAPUA	CP3651	Mollusca	Muricidae	Muricidae sp.
IM-2009-15319	1	BIOPAPUA	CP3674	Mollusca	Muricidae	Muricidae sp.
IM-2009-15304	1	BIOPAPUA	CP3652	Mollusca	Muricidae	Muricidae sp.
IM-2009-15306	1	BIOPAPUA	CP3650	Mollusca	Muricidae	Muricidae sp.
IM-2009-15308	1	BIOPAPUA	CP3721	Mollusca	Muricidae	Muricidae sp.
IM-2009-15305	1	BIOPAPUA	CP3721	Mollusca	Muricidae	Muricidae sp.
IM-2009-15310	1	BIOPAPUA	CP3708	Mollusca	Muricidae	Muricidae sp.
IM-2009-15291	1	BIOPAPUA	CP3744	Mollusca	Muricidae	Muricidae sp.
IM-2009-15272	1	BIOPAPUA	CP3674	Mollusca	Muricidae	Muricidae sp.
IM-2009-15273	1	BIOPAPUA	CP3723	Mollusca	Muricidae	Muricidae sp.
IM-2009-15293	1	BIOPAPUA	CP3653	Mollusca	Muricidae	Muricidae sp.
IM-2009-15285	1	BIOPAPUA	CP3708	Mollusca	Muricidae	Muricidae sp.
IM-2009-15301	1	BIOPAPUA	CP3708	Mollusca	Muricidae	Muricidae sp.
IM-2009-15297	1	BIOPAPUA	CP3651	Mollusca	Muricidae	Muricidae sp.
IM-2009-15296	1	BIOPAPUA	CP3653	Mollusca	Muricidae	Muricidae sp.
IM-2009-15295	1	BIOPAPUA	CP3637	Mollusca	Muricidae	Muricidae sp.
IM-2009-15307	1	BIOPAPUA	CP3704	Mollusca	Muricidae	Muricidae sp.
IM-2009-15317	1	BIOPAPUA	CP3703	Mollusca	Muricidae	Muricidae sp.
IM-2009-15271	1	BIOPAPUA	CP3723	Mollusca	Muricidae	Muricidae sp.
IM-2009-15282	1	BIOPAPUA	CP3714	Mollusca	Muricidae	Muricidae sp.
IM-2009-15288	1	BIOPAPUA	CP3721	Mollusca	Muricidae	Muricidae sp.
IM-2009-15300	1	BIOPAPUA	DW3720	Mollusca	Muricidae	Muricidae sp.
IM-2009-15279	1	BIOPAPUA	CP3653	Mollusca	Muricidae	Muricidae sp.
IM-2009-15290	1	BIOPAPUA	CP3743	Mollusca	Muricidae	Muricidae sp.
IM-2009-15275	1	BIOPAPUA	CP3721	Mollusca	Muricidae	Muricidae sp.
IM-2009-15286	1	BIOPAPUA	CP3708	Mollusca	Muricidae	Muricidae sp.
IM-2009-15284	1	BIOPAPUA	CP3739	Mollusca	Muricidae	Muricidae sp.
IM-2009-15294	1	BIOPAPUA	DW3720	Mollusca	Muricidae	Muricidae sp.
IM-2009-15281	1	BIOPAPUA	CP3708	Mollusca	Muricidae	Muricidae sp.
IM-2009-15289	1	BIOPAPUA	CP3737	Mollusca	Muricidae	Muricidae sp.
IM-2009-15318	1	BIOPAPUA	CP3708	Mollusca	Muricidae	Muricidae sp.
IM-2009-15320	1	BIOPAPUA	CP3708	Mollusca	Muricidae	Muricidae sp.
IM-2009-15276	1	BIOPAPUA	CP3737	Mollusca	Muricidae	Muricidae sp.
IM-2009-15298	1	BIOPAPUA	DW3720	Mollusca	Muricidae	Muricidae sp.
IM-2009-15299	1	BIOPAPUA	CP3741	Mollusca	Muricidae	Muricidae sp.
IM-2009-15278	1	BIOPAPUA	CP3711	Mollusca	Muricidae	Muricidae sp.
IM-2009-15315	1	BIOPAPUA	CP3632	Mollusca	Muricidae	Muricidae sp.
IM-2009-15302	1	BIOPAPUA	CP3646	Mollusca	Muricidae	Muricidae sp.
IM-2009-15309	1	BIOPAPUA	CP3639	Mollusca	Muricidae	Muricidae sp.
IM-2009-15316	1	BIOPAPUA	CP3634	Mollusca	Muricidae	Muricidae sp.
IM-2009-15314	1	BIOPAPUA	CP3651	Mollusca	Muricidae	Muricidae sp.
IM-2009-15287	1	BIOPAPUA	CP3707	Mollusca	Muricidae	Muricidae sp.
IM-2009-15277	1	BIOPAPUA	DW3770	Mollusca	Muricidae	Muricidae sp.
IM-2009-15351	1	BIOPAPUA	CP3653	Mollusca	Muricidae	Muricidae sp.
IM-2009-15280	1	BIOPAPUA	DW3775	Mollusca	Muricidae	Muricidae sp.
IM-2009-15274	1	BIOPAPUA	CP3718	Mollusca	Muricidae	Muricidae sp.
IM-2009-15312	1	BIOPAPUA	CP3701	Mollusca	Muricidae	Muricidae sp.
IM-2009-15303	1	BIOPAPUA	CP3651	Mollusca	Muricidae	Muricidae sp.
IM-2009-15313	1	BIOPAPUA	CP3674	Mollusca	Muricidae	Muricidae sp.
IM-2009-15311	1	BIOPAPUA	DW3675	Mollusca	Muricidae	Muricidae sp.
IM-2009-15355	1	BIOPAPUA	CP3630	Mollusca	Cancellariidae	Cancellariidae sp.
IU-2011-862	3	BIOPAPUA	CP3650	Arthropoda	Lysianassidae	Onesimoides sp.
IU-2011-863	1	BIOPAPUA	CP3647	Arthropoda	Lysianassidae	Onesimoides mindoro Lowry & Stoddart, 1993
IU-2011-864	1	BIOPAPUA	CP3780	Arthropoda	Lysianassidae	Onesimoides mindoro Lowry & Stoddart, 1993
IU-2011-865	1	BIOPAPUA	CP3780	Arthropoda	Lysianassidae	Onesimoides mindoro Lowry & Stoddart, 1993
IU-2011-866	1	BIOPAPUA	CP3647	Arthropoda	Lysianassidae	Onesimoides castellatus Lowry & Stoddart, 1993
IU-2011-867	1	BIOPAPUA	CP3724	Arthropoda	Lysianassidae	Onesimoides mindoro Lowry & Stoddart, 1993
IU-2011-868	1	BIOPAPUA	CP3709	Arthropoda	Lysianassidae	Onesimoides mindoro Lowry & Stoddart, 1993
IU-2011-1497	7	BIOPAPUA	CP3635	Arthropoda	Galatheidae	Munidopsis latimanus Miyake & Baba, 1966
IU-2011-1388	3	BIOPAPUA	CP3669	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2023	4	BIOPAPUA	CP3712	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1843	2	BIOPAPUA	CP3704	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1365	1	BIOPAPUA	CP3780	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3476	2	BIOPAPUA	CP3692	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2065	3	BIOPAPUA	CP3728	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1409	2	BIOPAPUA	CP3629	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1110	1	BIOPAPUA	CP3638	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1755	1	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Munidopsis latimanus Miyake & Baba, 1966
IU-2011-2040	2	BIOPAPUA	CP3714	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1583	2	BIOPAPUA	CP3774	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2138	1	BIOPAPUA	CP3761	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3504	4	BIOPAPUA	CP3682	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1725	1	BIOPAPUA	CP3711	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1675	1	BIOPAPUA	CP3715	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1160	1	BIOPAPUA	CP3632	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1323	2	BIOPAPUA	CP3630	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3443	1	BIOPAPUA	DW3754	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2356	1	BIOPAPUA	CP3755	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2903	1	BIOPAPUA	CP3762	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2514	1	BIOPAPUA	CP3695	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3572	2	BIOPAPUA	CP3682	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3553	1	BIOPAPUA	CP3682	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2113	1	BIOPAPUA	CP3710	Arthropoda	Galatheidae	Munidopsis latimanus Miyake & Baba, 1966
IU-2011-2270	3	BIOPAPUA	CP3709	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2218	9	BIOPAPUA	CP3714	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1987	13	BIOPAPUA	CP3713	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-922	2	BIOPAPUA	CP3730	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3448	1	BIOPAPUA	CP3677	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1948	1	BIOPAPUA	CP3704	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1854	1	BIOPAPUA	CP3779	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2728	4	BIOPAPUA	CP3686	Arthropoda	Galatheidae	Munidopsis nitida (A. Milne-Edwards, 1880)
IU-2011-3320	1	BIOPAPUA	CP3632	Arthropoda	Galatheidae	Munidopsis sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1005	1	BIOPAPUA	CP3730	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2504	1	BIOPAPUA	CP3760	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2726	1	BIOPAPUA	CP3686	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1860	4	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2898	4	BIOPAPUA	CP3762	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3009	3	BIOPAPUA	CP3691	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1399	7	BIOPAPUA	CP3664	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-2730	2	BIOPAPUA	CP3692	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1548	15	BIOPAPUA	CP3634	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1538	2	BIOPAPUA	CP3665	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1721	12	BIOPAPUA	DW3719	Arthropoda	Eumunididae	Eumunida sp.
IU-2011-1970	5	BIOPAPUA	DW3719	Arthropoda	Eumunididae	Eumunida sp.
IU-2011-1963	5	BIOPAPUA	DW3732	Arthropoda	Eumunididae	Eumunida sp.
IU-2011-3170	3	BIOPAPUA	DW3757	Arthropoda	Galatheidae	Bathymunida sp.
IU-2011-1978	4	BIOPAPUA	CP3695	Arthropoda	Galatheidae	Bathymunida sp.
IU-2011-3188	7	BIOPAPUA	DW3757	Arthropoda	Galatheidae	Bathymunida sp.
IU-2011-2108	10	BIOPAPUA	CP3695	Arthropoda	Galatheidae	Crosnieria sp.
IU-2011-2191	150	BIOPAPUA	CP3759	Arthropoda	Munididae	Munididae
IU-2011-2722	5	BIOPAPUA	CP3692	Arthropoda	Galatheidae	Enriquea leviantennata (Baba, 1988)
IU-2011-3041	40	BIOPAPUA	CP3759	Arthropoda	Munididae	Munididae
IU-2011-1599	1	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Galathea sp.
IU-2011-2157	1	BIOPAPUA	DW3770	Arthropoda	Galatheidae	Galathea sp.
IU-2011-3522	2	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Galathea sp.
IU-2011-1678	3	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Galathea sp.
IU-2011-1974	1	BIOPAPUA	CP3695	Arthropoda	Galatheidae	Galathea sp.
IU-2011-1940	1	BIOPAPUA	CP3659	Arthropoda	Galatheidae	Galathea sp.
IU-2011-1534	3	BIOPAPUA	CP3630	Arthropoda	Galatheidae	Galathea sp.
IU-2011-3497	1	BIOPAPUA	CP3677	Arthropoda	Galatheidae	Galacantha sp.
IU-2011-2729	3	BIOPAPUA	CP3686	Arthropoda	Galatheidae	Galacantha sp.
IU-2011-1276	7	BIOPAPUA	DW3732	Arthropoda	Eumunididae	Eumunida sp.
IU-2011-2277	3	BIOPAPUA	CP3695	Arthropoda	Galatheidae	Galathea cf. bidens
IU-2011-1767	4	BIOPAPUA	CP3736	Arthropoda	Galatheidae	Agononia sp.
IU-2011-2214	6	BIOPAPUA	CP3737	Arthropoda	Galatheidae	Enriquea leviantennata (Baba, 1988)
IU-2011-1614	1	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Enriquea leviantennata (Baba, 1988)
IU-2011-2987	1	BIOPAPUA	CP3691	Arthropoda	Galatheidae	Enriquea leviantennata (Baba, 1988)
IU-2011-1615	6	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Enriquea leviantennata (Baba, 1988)
IU-2011-1361	23	BIOPAPUA	CP3629	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1084	3	BIOPAPUA	DW3732	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1830	3	BIOPAPUA	DW3777	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-2575	6	BIOPAPUA	CP3658	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1593	24	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-2520	26	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-2480	5	BIOPAPUA	DW3687	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1396	1	BIOPAPUA	CP3664	Arthropoda	Galatheidae	Agononia sp.
IU-2011-1579	2	BIOPAPUA	CP3774	Arthropoda	Galatheidae	Agononia sp.
IU-2011-1264	2	BIOPAPUA	DW3641	Arthropoda	Galatheidae	Agononia sp.
IU-2011-1714	1	BIOPAPUA	CP3712	Arthropoda	Galatheidae	Agononia sp.
IU-2011-1025	1	BIOPAPUA	CP3639	Arthropoda	Galatheidae	Agononia sp.
IU-2011-974	4	BIOPAPUA	CP3736	Arthropoda	Galatheidae	Agononia sp.
IU-2011-951	1	BIOPAPUA	DW3734	Arthropoda	Galatheidae	Agononia sp.
IU-2011-920	1	BIOPAPUA	CP3744	Arthropoda	Galatheidae	Agononia sp.
IU-2011-2195	1	BIOPAPUA	CP3761	Arthropoda	Galatheidae	Agononia sp.
IU-2011-997	8	BIOPAPUA	CP3670	Arthropoda	Galatheidae	Agononia sp.
IU-2011-2936	3	BIOPAPUA	DW3748	Arthropoda	Galatheidae	Agononia sp.
IU-2011-2725	3	BIOPAPUA	CP3692	Arthropoda	Galatheidae	Agononia incerta (Henderson, 1888)
IU-2011-2768	1	BIOPAPUA	CP3682	Arthropoda	Galatheidae	Agononia rubrizonata (Macpherson & Baba, 2009)
IU-2011-3598	1	BIOPAPUA	CP3677	Arthropoda	Galatheidae	Agononia sp.
IU-2011-2713	2	BIOPAPUA	CP3682	Arthropoda	Galatheidae	Agononia variabilis (Baba, 1998)
IU-2011-1109	3	BIOPAPUA	CP3671	Arthropoda	Galatheidae	Agononia sp.
IU-2011-2989	1	BIOPAPUA	CP3691	Arthropoda	Galatheidae	Agononia sp.
IU-2011-1116	1	BIOPAPUA	CP3710	Arthropoda	Galatheidae	Agononia sp.
IU-2011-1225	1	BIOPAPUA	CP3730	Arthropoda	Galatheidae	Agononia sp.
IU-2011-2077	4	BIOPAPUA	CP3708	Arthropoda	Galatheidae	Agononia sp.
IU-2011-1812	3	BIOPAPUA	CP3707	Arthropoda	Galatheidae	Agononia rubrizonata (Macpherson & Baba, 2009)
IU-2011-1590	9	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Agononia sp.
IU-2011-2175	3	BIOPAPUA	CP3737	Arthropoda	Galatheidae	Agononia sp.
IU-2011-1126	2	BIOPAPUA	CP3653	Arthropoda	Galatheidae	Agononia sp.
IU-2011-1957	4	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Agononia sp.
IU-2011-1730	1	BIOPAPUA	CP3750	Arthropoda	Galatheidae	Agononia sp.
IU-2011-2095	2	BIOPAPUA	CP3742	Arthropoda	Galatheidae	Agononia sp.
IU-2011-2338	3	BIOPAPUA	CP3672	Arthropoda	Galatheidae	Agononia sp.
IU-2011-2076	1	BIOPAPUA	CP3711	Arthropoda	Galatheidae	Agononia rubrizonata (Macpherson & Baba, 2009)
IU-2011-2766	1	BIOPAPUA	DW3687	Arthropoda	Galatheidae	Agononia incerta (Henderson, 1888)
IU-2011-2521	1	BIOPAPUA	CP3760	Arthropoda	Galatheidae	Agononia incerta (Henderson, 1888)
IU-2011-1588	2	BIOPAPUA	CP3743	Arthropoda	Galatheidae	Agononia incerta (Henderson, 1888)
IU-2011-1582	1	BIOPAPUA	CP3774	Arthropoda	Galatheidae	Munida sp.
IU-2011-3433	4	BIOPAPUA	CP3692	Arthropoda	Galatheidae	Munida sp.
IU-2011-1480	2	BIOPAPUA	CP3637	Arthropoda	Galatheidae	Munida sp.
IU-2011-1952	3	BIOPAPUA	CP3639	Arthropoda	Galatheidae	Munida sp.
IU-2011-1022	3	BIOPAPUA	CP3664	Arthropoda	Galatheidae	Munida sp.
IU-2011-1571	2	BIOPAPUA	CP3634	Arthropoda	Galatheidae	Munida sp.
IU-2011-1572	2	BIOPAPUA	CP3634	Arthropoda	Galatheidae	Munida sp.
IU-2011-1577	1	BIOPAPUA	CP3665	Arthropoda	Galatheidae	Munida sp.
IU-2011-2096	5	BIOPAPUA	DW3732	Arthropoda	Galatheidae	Munida sp.
IU-2011-1903	5	BIOPAPUA	CP3743	Arthropoda	Galatheidae	Munida sp.
IU-2011-1923	2	BIOPAPUA	DW3719	Arthropoda	Galatheidae	Munida sp.
IU-2011-1844	6	BIOPAPUA	DW3770	Arthropoda	Galatheidae	Munida sp.
IU-2011-1770	1	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Munida sp.
IU-2011-1951	1	BIOPAPUA	CP3704	Arthropoda	Galatheidae	Munida sp.
IU-2011-1768	1	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Munida sp.
IU-2011-1476	1	BIOPAPUA	CP3774	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1944	1	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Munida cf. compressa Baba, 1988
IU-2011-990	4	BIOPAPUA	CP3670	Arthropoda	Galatheidae	Munida sp.
IU-2011-924	13	BIOPAPUA	CP3730	Arthropoda	Galatheidae	Munida sp.
IU-2011-2153	15	BIOPAPUA	DW3688	Arthropoda	Galatheidae	Munida sp.
IU-2011-2372	10	BIOPAPUA	DW3687	Arthropoda	Galatheidae	Munida sp.
IU-2011-1912	8	BIOPAPUA	CP3711	Arthropoda	Galatheidae	Munida sp.
IU-2011-2003	1	BIOPAPUA	CP3708	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1650	4	BIOPAPUA	CP3710	Arthropoda	Galatheidae	Munida sp.
IU-2011-2975	4	BIOPAPUA	CP3691	Arthropoda	Galatheidae	Munida sp.
IU-2011-926	3	BIOPAPUA	CP3670	Arthropoda	Galatheidae	Munida sp.
IU-2011-2977	91	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Munida sp.
IU-2011-977	20	BIOPAPUA	CP3736	Arthropoda	Galatheidae	Munida sp.
IU-2011-2777	1	BIOPAPUA	CP3682	Arthropoda	Galatheidae	Munida sp.
IU-2011-2357	9	BIOPAPUA	DW3688	Arthropoda	Galatheidae	Munida sp.
IU-2011-1640	1	BIOPAPUA	CP3689	Arthropoda	Galatheidae	Munida sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-2724	6	BIOPAPUA	CP3747	Arthropoda	Galatheidae	Munida sp.
IU-2011-3593	1	BIOPAPUA	CP3658	Arthropoda	Galatheidae	Munida sp.
IU-2011-2901	36	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-2971	27	BIOPAPUA	DW3748	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-2472	13	BIOPAPUA	CP3750	Arthropoda	Galatheidae	Munida sp.
IU-2011-1969	6	BIOPAPUA	CP3708	Arthropoda	Galatheidae	Munida sp.
IU-2011-2739	4	BIOPAPUA	CP3692	Arthropoda	Galatheidae	Munida sp.
IU-2011-2828	7	BIOPAPUA	CP3762	Arthropoda	Galatheidae	Munida sp.
IU-2011-2311	2	BIOPAPUA	CP3760	Arthropoda	Galatheidae	Munida sp.
IU-2011-1194	2	BIOPAPUA	DW3641	Arthropoda	Galatheidae	Munida sp.
IU-2011-1506	25	BIOPAPUA	CP3635	Arthropoda	Galatheidae	Munida sp.
IU-2011-1146	3	BIOPAPUA	DW3641	Arthropoda	Galatheidae	Munida sp.
IU-2011-1163	1	BIOPAPUA	CP3679	Arthropoda	Galatheidae	Munida sp.
IU-2011-1530	1	BIOPAPUA	CP3635	Arthropoda	Galatheidae	Munida sp.
IU-2011-1501	1	BIOPAPUA	CP3635	Arthropoda	Galatheidae	Munida sp.
IU-2011-1149	1	BIOPAPUA	DW3641	Arthropoda	Galatheidae	Munida sp.
IU-2011-3177	2	BIOPAPUA	DW3757	Arthropoda	Galatheidae	Munida sp.
IU-2011-879	1	BIOPAPUA	CP3653	Arthropoda	Galatheidae	Munida sp.
IU-2011-1450	1	BIOPAPUA	CP3650	Arthropoda	Galatheidae	Munida sp.
IU-2011-3040	1	BIOPAPUA	CP3759	Arthropoda	Galatheidae	Munida sp.
IU-2011-1241	1	BIOPAPUA	CP3630	Arthropoda	Galatheidae	Munida sp.
IU-2011-1490	1	BIOPAPUA	CP3665	Arthropoda	Pandalidae	Plesionika sp.
IU-2011-2391	20	BIOPAPUA	CP3741	Arthropoda	Galatheidae	Munida sp.
IU-2011-1522	68	BIOPAPUA	CP3656	Arthropoda	Galatheidae	Munida sp.
IU-2011-1899	44	BIOPAPUA	CP3695	Arthropoda	Galatheidae	Munida sp.
IU-2011-1919	30	BIOPAPUA	CP3672	Arthropoda	Galatheidae	Munida sp.
IU-2011-1746	28	BIOPAPUA	CP3656	Arthropoda	Galatheidae	Munida sp.
IU-2011-1745	47	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Munida sp.
IU-2011-2534	11	BIOPAPUA	CP3742	Arthropoda	Galatheidae	Munida sp.
IU-2011-2106	11	BIOPAPUA	CP3672	Arthropoda	Galatheidae	Munida sp.
IU-2011-1776	12	BIOPAPUA	CP3736	Arthropoda	Galatheidae	Munida sp.
IU-2011-1470	2	BIOPAPUA	CP3669	Arthropoda	Galatheidae	Munida sp.
IU-2011-3777	2	BIOPAPUA	DW3748	Arthropoda	Galatheidae	Munida sp.
IU-2011-3422	50	BIOPAPUA	CP3645	Arthropoda	Galatheidae	Agononida sp.
IU-2011-2651	31	BIOPAPUA	CP3742	Arthropoda	Galatheidae	Agononida sp.
IU-2011-3215	8	BIOPAPUA	CP3739	Arthropoda	Galatheidae	Agononida incerta (Henderson, 1888)
IU-2011-2615	1	BIOPAPUA	CP3731	Arthropoda	Galatheidae	Agononida sp.
IU-2011-2446	6	BIOPAPUA	CP3740	Arthropoda	Galatheidae	Agononida sp.
IU-2011-891	2	BIOPAPUA	CP3654	Arthropoda	Galatheidae	Agononida sp.
IU-2011-1832	23	BIOPAPUA	CP3742	Arthropoda	Galatheidae	Agononida incerta (Henderson, 1888)
IU-2011-892	11	BIOPAPUA	CP3669	Arthropoda	Galatheidae	Agononida sp.
IU-2011-2857	13	BIOPAPUA	CP3739	Arthropoda	Galatheidae	Agononida incerta (Henderson, 1888)
IU-2011-1949	18	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Agononida incerta (Henderson, 1888)
IU-2011-1006	28	BIOPAPUA	CP3655	Arthropoda	Galatheidae	Agononida sp.
IU-2011-1137	3	BIOPAPUA	CP3659	Arthropoda	Galatheidae	Agononida sp.
IU-2011-2361	1	BIOPAPUA	CP3741	Arthropoda	Galatheidae	Agononida sp.
IU-2011-1308	6	BIOPAPUA	DW3668	Arthropoda	Galatheidae	Agononida sp.
IU-2011-2894	6	BIOPAPUA	CP3674	Arthropoda	Galatheidae	Agononida sp.
IU-2011-3538	1	BIOPAPUA	CP3707	Arthropoda	Galatheidae	Agononida sp.
IU-2011-886	1	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Agononida sp.
IU-2011-877	1	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Agononida sp.
IU-2011-3567	1	BIOPAPUA	CP3672	Arthropoda	Galatheidae	Agononida sp.
IU-2011-956	1	BIOPAPUA	CP3635	Arthropoda	Galatheidae	Agononida sp.
IU-2011-2863	1	BIOPAPUA	DW3699	Arthropoda	Galatheidae	Agononida sp.
IU-2011-3384	1	BIOPAPUA	CP3646	Arthropoda	Galatheidae	Agononida sp.
IU-2011-2625	1	BIOPAPUA	CP3697	Arthropoda	Galatheidae	Agononida sp.
IU-2011-3189	1	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Agononida sp.
IU-2011-1391	1	BIOPAPUA	CP3728	Arthropoda	Galatheidae	Agononida sp.
IU-2011-1648	2	BIOPAPUA	DW3688	Arthropoda	Galatheidae	Agononida incerta (Henderson, 1888)
IU-2011-1500	6	BIOPAPUA	CP3635	Arthropoda	Galatheidae	Agononida sp.
IU-2011-3241	2	BIOPAPUA	DW3696	Arthropoda	Galatheidae	Agononida sp.
IU-2011-3390	2	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Agononida sp.
IU-2011-1754	1	BIOPAPUA	CP3761	Arthropoda	Galatheidae	Agononida sp.
IU-2011-3599	1	BIOPAPUA	CP3666	Arthropoda	Galatheidae	Agononida sp.
IU-2011-3276	1	BIOPAPUA	DW3680	Arthropoda	Galatheidae	Agononida sp.
IU-2011-1207	1	BIOPAPUA	CP3630	Arthropoda	Galatheidae	Galathea sp.
IU-2011-2884	1	BIOPAPUA	CP3709	Arthropoda	Galatheidae	Enriquea leviantennata (Baba, 1988)
IU-2011-3516	1	BIOPAPUA	DW3699	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-2837	4	BIOPAPUA	CP3739	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-3394	1	BIOPAPUA	CP3731	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-903	4	BIOPAPUA	DW3734	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-973	3	BIOPAPUA	CP3629	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-2997	1	BIOPAPUA	DW3752	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1224	5	BIOPAPUA	CP3656	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1536	3	BIOPAPUA	CP3630	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1001	6	BIOPAPUA	CP3655	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1004	1	BIOPAPUA	CP3638	Arthropoda	Galatheidae	Galacantha sp.
IU-2011-1029	2	BIOPAPUA	CP3639	Arthropoda	Galatheidae	Galacantha sp.
IU-2011-969	1	BIOPAPUA	CP3670	Arthropoda	Galatheidae	Enriquea leviantennata (Baba, 1988)
IU-2011-984	2	BIOPAPUA	DW3734	Arthropoda	Eumunididae	Eumunida sp.
IU-2011-3804	1	BIOPAPUA	DW3767	Arthropoda	Galatheidae	Phylladio rhynchus sp.
IU-2011-3100	1	BIOPAPUA	DW3745	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-2843	1	BIOPAPUA	CP3697	Arthropoda	Galatheidae	Bathymunida sp.
IU-2011-2868	1	BIOPAPUA	CP3697	Arthropoda	Galatheidae	Bathymunida sp.
IU-2011-3382	1	BIOPAPUA	CP3664	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-3078	1	BIOPAPUA	CP3634	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-3245	2	BIOPAPUA	DW3770	Arthropoda	Munididae	Munididae
IU-2011-2141	1	BIOPAPUA	CP3742	Arthropoda	Galatheidae	Munida sp.
IU-2011-2007	4	BIOPAPUA	CP3761	Arthropoda	Galatheidae	Munida sp.
IU-2011-1111	10	BIOPAPUA	CP3742	Arthropoda	Galatheidae	Munida sp.
IU-2011-1941	11	BIOPAPUA	DW3719	Arthropoda	Galatheidae	Munida sp.
IU-2011-2387	1	BIOPAPUA	CP3724	Arthropoda	Galatheidae	Munida sp.
IU-2011-3453	26	BIOPAPUA	CP3739	Arthropoda	Galatheidae	Munida sp.
IU-2011-938	1	BIOPAPUA	CP3655	Arthropoda	Galatheidae	Munida sp.
IU-2011-3511	12	BIOPAPUA	CP3682	Arthropoda	Galatheidae	Munida sp.
IU-2011-2702	3	BIOPAPUA	CP3647	Arthropoda	Galatheidae	Munida sp.
IU-2011-2295	4	BIOPAPUA	DW3688	Arthropoda	Galatheidae	Munida sp.
IU-2011-1035	2	BIOPAPUA	DW3688	Arthropoda	Galatheidae	Munida sp.
IU-2011-897	2	BIOPAPUA	DW3734	Arthropoda	Galatheidae	Munida sp.
IU-2011-902	1	BIOPAPUA	CP3635	Arthropoda	Galatheidae	Munida sp.
IU-2011-2002	1	BIOPAPUA	CP3755	Arthropoda	Galatheidae	Munida sp.
IU-2011-1885	1	BIOPAPUA	CP3721	Arthropoda	Galatheidae	Munida sp.
IU-2011-3020	1	BIOPAPUA	DW3752	Arthropoda	Galatheidae	Munida sp.
IU-2011-3196	1	BIOPAPUA	DW3781	Arthropoda	Galatheidae	Munida sp.
IU-2011-1716	1	BIOPAPUA	CP3711	Arthropoda	Galatheidae	Munida sp.
IU-2011-887	1	BIOPAPUA	CP3629	Arthropoda	Galatheidae	Munida sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1279	1	BIOPAPUA	CP3647	Arthropoda	Galatheidae	Munida sp.
IU-2011-975	1	BIOPAPUA	CP3647	Arthropoda	Galatheidae	Munida sp.
IU-2011-905	1	BIOPAPUA	DW3734	Arthropoda	Galatheidae	Munida sp.
IU-2011-1012	1	BIOPAPUA	CP3710	Arthropoda	Galatheidae	Munida sp.
IU-2011-1078	1	BIOPAPUA	CP3653	Arthropoda	Galatheidae	Munida sp.
IU-2011-869	1	BIOPAPUA	CP3722	Arthropoda	Galatheidae	Munida sp.
IU-2011-895	2	BIOPAPUA	CP3659	Arthropoda	Galatheidae	Munida sp.
IU-2011-1656	15	BIOPAPUA	CP3674	Arthropoda	Galatheidae	Munida sp.
IU-2011-2015	7	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Munida aff. <i>kuboi</i> Yanagita, 1943
IU-2011-2904	30	BIOPAPUA	CP3739	Arthropoda	Galatheidae	Munida sp.
IU-2011-2527	29	BIOPAPUA	CP3740	Arthropoda	Galatheidae	Munida sp.
IU-2011-3515	12	BIOPAPUA	CP3676	Arthropoda	Galatheidae	Munida sp.
IU-2011-1620	10	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Munida sp.
IU-2011-1907	11	BIOPAPUA	CP3707	Arthropoda	Galatheidae	Munida sp.
IU-2011-1623	9	BIOPAPUA	CP3743	Arthropoda	Galatheidae	Munida sp.
IU-2011-1024	8	BIOPAPUA	CP3633	Arthropoda	Galatheidae	Munida sp.
IU-2011-1751	7	BIOPAPUA	CP3737	Arthropoda	Galatheidae	Munida sp.
IU-2011-944	7	BIOPAPUA	CP3669	Arthropoda	Galatheidae	Munida sp.
IU-2011-2367	1	BIOPAPUA	CP3707	Arthropoda	Galatheidae	Munida sp.
IU-2011-925	7	BIOPAPUA	CP3744	Arthropoda	Galatheidae	Munida cf. <i>curvirostris</i> Henderson, 1885
IU-2011-2124	7	BIOPAPUA	CP3742	Arthropoda	Galatheidae	Munida sp.
IU-2011-950	2	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Munida sp.
IU-2011-1228	5	BIOPAPUA	DW3732	Arthropoda	Galatheidae	Munida sp.
IU-2011-3247	1	BIOPAPUA	CP3632	Arthropoda	Galatheidae	Munida sp.
IU-2011-2652	2	BIOPAPUA	CP3731	Arthropoda	Galatheidae	Munida sp.
IU-2011-1603	3	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Munida sp.
IU-2011-988	2	BIOPAPUA	CP3651	Arthropoda	Galatheidae	Munida sp.
IU-2011-1088	1	BIOPAPUA	CP3654	Arthropoda	Galatheidae	Munida sp.
IU-2011-3802	1	BIOPAPUA	DW3772	Arthropoda	Galatheidae	Munida sp.
IU-2011-3075	2	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Munida sp.
IU-2011-3033	1	BIOPAPUA	DW3641	Arthropoda	Galatheidae	Munida sp.
IU-2011-2965	2	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Munida sp.
IU-2011-3077	3	BIOPAPUA	CP3635	Arthropoda	Galatheidae	Munida sp.
IU-2011-3913	2	BIOPAPUA	CP3645	Arthropoda	Galatheidae	Munida sp.
IU-2011-1693	1	BIOPAPUA	CP3739	Arthropoda	Galatheidae	Munida sp.
IU-2011-3297	1	BIOPAPUA	CP3691	Arthropoda	Galatheidae	Munida sp.
IU-2011-1321	1	BIOPAPUA	DW3719	Arthropoda	Galatheidae	Munida sp.
IU-2011-3389	1	BIOPAPUA	DW3643	Arthropoda	Galatheidae	Munida sp.
IU-2011-3921	2	BIOPAPUA	DW3767	Arthropoda	Galatheidae	Munida sp.
IU-2011-3906	1	BIOPAPUA	DW3661	Arthropoda	Galatheidae	Munida sp.
IU-2011-3239	1	BIOPAPUA	DW3698	Arthropoda	Galatheidae	Munida sp.
IU-2011-2849	5	BIOPAPUA	CP3697	Arthropoda	Galatheidae	Munida sp.
IU-2011-3475	1	BIOPAPUA	DW3771	Arthropoda	Galatheidae	Munida sp.
IU-2011-1646	1	BIOPAPUA	CP3674	Arthropoda	Galatheidae	Munida sp.
IU-2011-3209	3	BIOPAPUA	DW3687	Arthropoda	Galatheidae	Munida sp.
IU-2011-3080	3	BIOPAPUA	DW3773	Arthropoda	Galatheidae	Munida sp.
IU-2011-1153	26	BIOPAPUA	CP3658	Arthropoda	Galatheidae	Munida sp.
IU-2011-2486	31	BIOPAPUA	CP3729	Arthropoda	Galatheidae	Munida sp.
IU-2011-1498	21	BIOPAPUA	CP3635	Arthropoda	Galatheidae	Munida sp.
IU-2011-955	17	BIOPAPUA	CP3635	Arthropoda	Galatheidae	Munida sp.
IU-2011-3341	19	BIOPAPUA	CP3646	Arthropoda	Galatheidae	Munida sp.
IU-2011-2072	21	BIOPAPUA	CP3728	Arthropoda	Galatheidae	Munida sp.
IU-2011-1139	6	BIOPAPUA	CP3669	Arthropoda	Galatheidae	Munida sp.
IU-2011-2825	8	BIOPAPUA	CP3646	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3352	2	BIOPAPUA	CP3690	Arthropoda	Galatheidae	Munida sp.
IU-2011-2864	6	BIOPAPUA	CP3646	Arthropoda	Galatheidae	Munida sp.
IU-2011-3296	3	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Munida sp.
IU-2011-3298	1	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Munida sp.
IU-2011-3344	1	BIOPAPUA	CP3712	Arthropoda	Galatheidae	Munida sp.
IU-2011-3065	2	BIOPAPUA	DW3683	Arthropoda	Galatheidae	Munida sp.
IU-2011-1386	2	BIOPAPUA	CP3679	Arthropoda	Galatheidae	Munida sp.
IU-2011-3399	3	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Munida sp.
IU-2011-3375	1	BIOPAPUA	CP3740	Arthropoda	Galatheidae	Munida sp.
IU-2011-3001	3	BIOPAPUA	CP3697	Arthropoda	Galatheidae	Munida sp.
IU-2011-1738	1	BIOPAPUA	CP3728	Arthropoda	Galatheidae	Munida sp.
IU-2011-3350	2	BIOPAPUA	DW3733	Arthropoda	Galatheidae	Munida sp.
IU-2011-3279	2	BIOPAPUA	CP3671	Arthropoda	Galatheidae	Munida sp.
IU-2011-3499	1	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Munida sp.
IU-2011-3308	2	BIOPAPUA	DW3763	Arthropoda	Galatheidae	Munida sp.
IU-2011-3184	2	BIOPAPUA	DW3699	Arthropoda	Galatheidae	Munida sp.
IU-2011-3156	1	BIOPAPUA	CP3693	Arthropoda	Galatheidae	Munida sp.
IU-2011-3091	1	BIOPAPUA	CP3679	Arthropoda	Galatheidae	Munida sp.
IU-2011-3084	1	BIOPAPUA	DW3745	Arthropoda	Galatheidae	Munida sp.
IU-2011-3797	2	BIOPAPUA	CP3724	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2900	1	BIOPAPUA	CP3739	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2698	2	BIOPAPUA	CP3647	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-927	1	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-883	1	BIOPAPUA	CP3736	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1227	1	BIOPAPUA	CP3736	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3286	3	BIOPAPUA	CP3646	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2817	1	BIOPAPUA	CP3660	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-982	2	BIOPAPUA	CP3635	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3914	1	BIOPAPUA	CP3645	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1017	1	BIOPAPUA	CP3666	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1270	1	BIOPAPUA	CP3632	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1125	1	BIOPAPUA	CP3653	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1222	1	BIOPAPUA	CP3630	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-900	1	BIOPAPUA	CP3670	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3066	1	BIOPAPUA	CP3689	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3281	1	BIOPAPUA	CP3632	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1117	1	BIOPAPUA	CP3632	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1284	1	BIOPAPUA	DW3696	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1008	2	BIOPAPUA	CP3651	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-996	1	BIOPAPUA	CP3629	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-913	2	BIOPAPUA	CP3647	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2720	1	BIOPAPUA	CP3691	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2235	1	BIOPAPUA	CP3729	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1167	5	BIOPAPUA	CP3679	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3225	2	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-966	1	BIOPAPUA	CP3638	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1989	6	BIOPAPUA	CP3713	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3470	2	BIOPAPUA	CP3676	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1213	2	BIOPAPUA	CP3632	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3223	1	BIOPAPUA	CP3714	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3305	2	BIOPAPUA	CP3691	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1118	6	BIOPAPUA	CP3633	Arthropoda	Galatheidae	Munidopsis sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1106	1	BIOPAPUA	CP3653	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3282	2	BIOPAPUA	CP3632	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1521	6	BIOPAPUA	CP3630	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3203	1	BIOPAPUA	CP3712	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-875	1	BIOPAPUA	CP3651	Arthropoda	Galatheidae	Galacontha sp.
IU-2011-1662	2	BIOPAPUA	CP3674	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1699	5	BIO PAPUA	CP3729	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3140	1	BIOPAPUA	DW3683	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3558	2	BIOPAPUA	CP3731	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1611	1	BIOPAPUA	CP3705	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3052	1	BIOPAPUA	CP3679	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2641	1	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2064	1	BIOPAPUA	CP3674	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3865	1	BIOPAPUA	CP3645	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-3657	1	BIOPAPUA	CP3652	Arthropoda	Galatheidae	Munida sp.
IU-2011-4498	1	BIOPAPUA	CP3645	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-4479	1	BIOPAPUA	CP3645	Arthropoda	Galatheidae	Galathea sp.
IU-2011-3791	1	BIOPAPUA	CP3639	Arthropoda	Galatheidae	Munida sp.
IU-2011-2840	1	BIOPAPUA	DW3766	Arthropoda	Galatheidae	Munida sp.
IU-2011-3886	1	BIOPAPUA	CP3645	Arthropoda	Galatheidae	Agononida incerta (Henderson, 1888)
IU-2011-2673	1	BIOPAPUA	CP3724	Arthropoda	Galatheidae	Munida pygmaea Macpherson, 1996
IU-2011-3857	1	BIOPAPUA	CP3645	Arthropoda	Galatheidae	Munida sp.
IU-2011-3473	1	BIOPAPUA	CP3647	Arthropoda	Galatheidae	Munidopsis cylindrophthalma (Alcock, 1894)
IU-2011-4487	1	BIOPAPUA	CP3645	Arthropoda	Galatheidae	Munida sp.
IU-2011-3160	1	BIOPAPUA	CP3647	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3829	1	BIOPAPUA	CP3759	Arthropoda	Galatheidae	Munida sp.
IU-2011-3626	2	BIO PAPUA	CP3636	Arthropoda	Galatheidae	Munidopsis cylindrophthalma (Alcock, 1894)
IU-2011-3638	1	BIOPAPUA	CP3708	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3810	1	BIOPAPUA	CP3636	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3830	1	BIOPAPUA	CP3667	Arthropoda	Galatheidae	Munida sp.
IU-2011-2912	1	BIOPAPUA	CP3647	Arthropoda	Galatheidae	Munida sp.
IU-2011-3634	6	BIOPAPUA	CP3632	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3458	1	BIOPAPUA	CP3779	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3661	3	BIO PAPUA	CP3667	Arthropoda	Galatheidae	Munidopsis andamanica Mac Gilchrist, 1905
IU-2011-3655	1	BIOPAPUA	CP3762	Arthropoda	Lithodidae	Paralomis sp.
IU-2011-3645	1	BIOPAPUA	CP3629	Arthropoda	Galatheidae	Munida sp.
IU-2011-3647	1	BIOPAPUA	CP3682	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3625	1	BIOPAPUA	CP3632	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3101	1	BIOPAPUA	CP3648	Arthropoda	Galatheidae	Munida sp.
IU-2011-3627	1	BIOPAPUA	DW3680	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3805	2	BIO PAPUA	CP3715	Arthropoda	Galatheidae	Munidopsis andamanica Mac Gilchrist, 1905
IU-2011-3459	1	BIOPAPUA	CP3648	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3851	2	BIOPAPUA	CP3681	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3641	1	BIOPAPUA	CP3655	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3916	1	BIOPAPUA	CP3737	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3016	9	BIO PAPUA	CP3681	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3894	1	BIOPAPUA	CP3645	Arthropoda	Galatheidae	Enriquea leviantennata (Baba, 1988)
IU-2011-2709	1	BIOPAPUA	CP3739	Arthropoda	Galatheidae	Enriquea leviantennata (Baba, 1988)
IU-2011-3132	1	BIOPAPUA	CP3647	Arthropoda	Galatheidae	Munida sp.
IU-2011-3904	1			Arthropoda		
IU-2011-3406	1	BIOPAPUA	CP3742	Arthropoda	Galatheidae	Munida cf. compressa Baba, 1988
IU-2011-3236	1	BIOPAPUA	CP3638	Arthropoda	Galatheidae	Galacontha subspinosa Macpherson, 2006
IU-2011-3238	1	BIOPAPUA	CP3666	Arthropoda	Galatheidae	Galacontha subspinosa Macpherson, 2006
IU-2011-3211	1	BIOPAPUA	CP3718	Arthropoda	Galatheidae	Galacontha subspinosa Macpherson, 2006
IU-2011-3600	1	BIOPAPUA	CP3651	Arthropoda	Galatheidae	Agononida squamosa (Henderson, 1885)
IU-2011-2875	1	BIOPAPUA	DW3719	Arthropoda	Eumunididae	Eumunida sp.
IU-2011-3213	1	BIOPAPUA	CP3712	Arthropoda	Galatheidae	Agononida rubrizonata (Macpherson & Baba, 2009)
IU-2011-5063	1	BIOPAPUA	NO DATA	Arthropoda	Galatheidae	Munidopsis cylindrophthalma (Alcock, 1894)
IU-2011-5032	1	BIOPAPUA	NO DATA	Arthropoda	Galatheidae	Munida sp.
IU-2011-3575	1	BIOPAPUA	CP3780	Arthropoda	Galatheidae	Munida sp.
IU-2011-3866	1	BIOPAPUA	CP3645	Arthropoda	Galatheidae	Agononida squamosa (Henderson, 1885)
IU-2011-3226	1	BIOPAPUA	CP3638	Arthropoda	Galatheidae	Munidopsis nitida (A. Milne-Edwards, 1880)
IU-2011-1659	1	BIOPAPUA	CP3655	Arthropoda	Galatheidae	Paramunida sp.
IU-2011-1393	1	BIOPAPUA	CP3655	Arthropoda	Galatheidae	Munidopsis similior Baba, 1988
IU-2011-2690	1	BIOPAPUA	CP3728	Arthropoda	Galatheidae	Munida sp.
IU-2011-2844	1	BIOPAPUA	CP3739	Arthropoda	Galatheidae	Munida sp.
IU-2011-3435	1	BIOPAPUA	CP3650	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3218	1	BIOPAPUA	CP3650	Arthropoda	Galatheidae	Munida sp.
IU-2011-2646	1	BIOPAPUA	DW3748	Arthropoda	Galatheidae	Munida sp.
IU-2011-2669	1	BIOPAPUA	CP3731	Arthropoda	Galatheidae	Munidopsis nitida (A. Milne-Edwards, 1880)
IU-2011-2426	1	BIOPAPUA	CP3655	Arthropoda	Galatheidae	Agononida incerta (Henderson, 1888)
IU-2011-2821	1	BIOPAPUA	CP3759	Arthropoda	Galatheidae	Munida sp.
IU-2011-3151	1	BIOPAPUA	DW3641	Arthropoda	Galatheidae	Munida sp.
IU-2011-2767	1	BIOPAPUA	CP3653	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2719	1	BIOPAPUA	DW3773	Arthropoda	Galatheidae	Munida sp.
IU-2011-3183	1	BIOPAPUA	CP3653	Arthropoda	Galatheidae	Agononida squamosa (Henderson, 1885)
IU-2011-2819	1	BIOPAPUA	CP3646	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2861	1	BIOPAPUA	CP3634	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2793	1	BIOPAPUA	CP3759	Arthropoda	Galatheidae	Agononida squamosa (Henderson, 1885)
IU-2011-3154	1	BIOPAPUA	CP3653	Arthropoda	Galatheidae	Munida pygmaea Macpherson, 1996
IU-2011-2688	1	BIOPAPUA	CP3774	Arthropoda	Galatheidae	Munida sp.
IU-2011-1680	1	BIOPAPUA	CP3711	Arthropoda	Galatheidae	Munidopsis latimana Miyake & Baba, 1966
IU-2011-2781	1	BIOPAPUA	CP3759	Arthropoda	Galatheidae	Agononida sp.
IU-2011-3651	4	BIO PAPUA	CP3731	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2701	5	BIO PAPUA	CP3714	Arthropoda	Galatheidae	Munidopsis andamanica Mac Gilchrist, 1905
IU-2011-3652	1	BIOPAPUA	CP3651	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3640	2	BIO PAPUA	CP3670	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3643	1	BIOPAPUA	CP3670	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3632	2	BIO PAPUA	CP3729	Arthropoda	Galatheidae	Munidopsis cylindrophthalma (Alcock, 1894)
IU-2011-3629	1	BIOPAPUA	CP3647	Arthropoda	Galatheidae	Munidopsis andamanica Mac Gilchrist, 1905
IU-2011-3658	2	BIO PAPUA	CP3670	Arthropoda	Galatheidae	Munidopsis cylindrophthalma (Alcock, 1894)
IU-2011-3630	8	BIO PAPUA	CP3638	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3628	3	BIO PAPUA	CP3638	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3653	1	BIO PAPUA	CP3646	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-3636	1	BIO PAPUA	CP3636	Arthropoda	Galatheidae	Munida sp.
IU-2011-2300	1	BIOPAPUA	DW3688	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2569	2	BIO PAPUA	CP3712	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-1561	1	BIOPAPUA	CP3679	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-2371	1	BIOPAPUA	CP3729	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-3017	1	BIOPAPUA	CP3691	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-1177	1	BIOPAPUA	CP3730	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-1840	5	BIO PAPUA	CP3708	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-1667	1	BIO PAPUA	CP3714	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-2093	3	BIO PAPUA	CP3669	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-2079	1	BIO PAPUA	CP3710	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-3430	1	BIO PAPUA	CP3682	Arthropoda	Pylochelidae	Cheiroplatea sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1643	1	BIOPAPUA	CP3737	Arthropoda	Pylochelidae	Cheiroplatea sp.
IU-2011-1039	2	BIOPAPUA	DW3732	Arthropoda	Pylochelidae	Pylocheles sp.
IU-2011-1535	1	BIOPAPUA	CP3665	Arthropoda	Pylochelidae	Xylocheles sp.
IU-2011-2913	1	BIOPAPUA	CP3708	Arthropoda	Pylochelidae	Trizocheles sp.
IU-2011-1658	1	BIOPAPUA	CP3707	Arthropoda	Pylochelidae	Trizocheles sp.
IU-2011-3554	2	BIOPAPUA	CP3760	Arthropoda	Pylochelidae	Trizocheles sp.
IU-2011-5062	6	BIOPAPUA	DW3748	Arthropoda	Pylochelidae	Trizocheles sp.
IU-2011-2020	3	BIOPAPUA	CP3712	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-930	1	BIOPAPUA	DW3734	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2445	1	BIOPAPUA	CP3693	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-909	10	BIOPAPUA	CP3629	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2265	1	BIOPAPUA	CP3710	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-0	7	BIOPAPUA	CP3743	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2967	1	BIOPAPUA	CP3711	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-985	1	BIOPAPUA	CP3629	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-1947	1	BIOPAPUA	CP3707	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-1634	3	BIOPAPUA	CP3693	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-1367	1	BIOPAPUA	CP3679	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2017	1	BIOPAPUA	CP3713	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2261	2	BIOPAPUA	CP3711	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-912	1	BIOPAPUA	CP3647	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-1107	1	BIOPAPUA	CP3632	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-1200	1	BIOPAPUA	CP3722	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2427	1	BIOPAPUA	CP3740	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-962	5	BIOPAPUA	CP3671	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2047	6	BIOPAPUA	CP3707	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-1091	1	BIOPAPUA	CP3671	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2835	1	BIOPAPUA	CP3691	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2784	7	BIOPAPUA	CP3692	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-1902	1	BIOPAPUA	CP3672	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2477	1	BIOPAPUA	CP3760	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2723	1	BIOPAPUA	CP3690	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3090	1	BIOPAPUA	CP3645	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2674	1	BIOPAPUA	CP3646	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3291	3	BIOPAPUA	CP3646	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3363	4	BIOPAPUA	CP3671	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3374	1	BIOPAPUA	DW3680	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3290	1	BIOPAPUA	CP3646	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-1531	6	BIOPAPUA	CP3630	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3264	1	BIOPAPUA	CP3737	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3309	4	BIOPAPUA	CP3691	Arthropoda	Paguridae	Paguridae
IU-2011-3197	1	BIOPAPUA	CP3739	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3586	2	BIOPAPUA	CP3691	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3233	2	BIOPAPUA	CP3674	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2693	3	BIOPAPUA	CP3691	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2631	1	BIOPAPUA	CP3681	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3029	2	BIOPAPUA	DW3683	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-2634	2	BIOPAPUA	CP3693	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3335	1	BIOPAPUA	CP3714	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3046	2	BIOPAPUA	CP3679	Arthropoda	Pylochelidae	Cheiroplatea sp.
IU-2011-2620	1	BIOPAPUA	DW3696	Arthropoda	Pylochelidae	Cheiroplatea sp.
IU-2011-3124	1	BIOPAPUA	CP3739	Arthropoda	Pylochelidae	Trizocheles sp.
IU-2011-2636	1	BIOPAPUA	CP3693	Arthropoda	Pylochelidae	Trizocheles sp.
IU-2011-3035	1	BIOPAPUA	DW3752	Arthropoda	Pylochelidae	Trizocheles sp.
IU-2011-3490	15	BIOPAPUA	DW3745	Arthropoda	Pylochelidae	Trizocheles sp.
IU-2011-3288	5	BIOPAPUA	CP3646	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-3110	1	BIOPAPUA	CP3679	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-3905	2	BIOPAPUA	CP3646	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-2996	2	BIOPAPUA	CP3632	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-3799	1	BIOPAPUA	CP3774	Arthropoda	Pylochelidae	Bathycheles integer (Forest, 1987)
IU-2011-3881	3	BIOPAPUA	NO DATA	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-5081	9	BIOPAPUA	CP3633	Arthropoda	Pylochelidae	Xylocheles sp.
IU-2011-2662	1	BIOPAPUA	CP3634	Arthropoda	Leucosidae	Heteronucia laminata (Doflein, 1904)
IU-2011-2071	1	BIOPAPUA	CP3631	Arthropoda	Polychelidae	Polychelidae
IU-2011-2803	1	BIOPAPUA	CP3774	Arthropoda	Polychelidae	Polychelidae
IU-2011-5084	1	BIOPAPUA	CP3645	Arthropoda	Polychelidae	Polychelidae
IU-2011-3229	1	BIOPAPUA	CP3638	Arthropoda	Polychelidae	Polychelidae
IU-2011-2675	1	BIOPAPUA	CP3713	Arthropoda	Leucosidae	Leucosidae
IU-2011-3871	1	BIOPAPUA	DW3770	Arthropoda	Leucosidae	Leucosidae
IU-2011-3227	1	BIOPAPUA	CP3650	Arthropoda	Stereomastis sp.	Stereomastis sp.
IU-2011-2807	1	BIOPAPUA	CP3650	Arthropoda	Polychelidae	Polychelidae
IU-2011-986	1	BIOPAPUA	CP3629	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-5066	1	BIOPAPUA	CP3635	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-1462	1	BIOPAPUA	CP3669	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-3403	1	BIOPAPUA	DW3770	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-1870	1	BIOPAPUA	DW3770	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-3796	1	BIOPAPUA	DW3772	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-2131	1	BIOPAPUA	CP3702	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-2549	12	BIOPAPUA	CP3695	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-3159	1	BIOPAPUA	CP3656	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-1985	2	BIOPAPUA	CP3693	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-1596	2	BIOPAPUA	CP3693	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-5067	1	BIOPAPUA	CP3709	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-3205	1	BIOPAPUA	CP3660	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-3520	1	BIOPAPUA	CP3682	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-3117	6	BIOPAPUA	CP3632	Arthropoda	Glyphocrangonidae	Glyphocrangon assimilis De Man, 1918b
IU-2011-2084	3	BIOPAPUA	CP3714	Arthropoda	Glyphocrangonidae	Glyphocrangon assimilis De Man, 1918b
IU-2011-2525	3	BIOPAPUA	CP3742	Arthropoda	Glyphocrangonidae	Glyphocrangon confusa Komai, 2004
IU-2011-1032	5	BIOPAPUA	CP3736	Arthropoda	Glyphocrangonidae	Glyphocrangon sp.
IU-2011-3597	3	BIOPAPUA	CP3671	Arthropoda	Glyphocrangonidae	Glyphocrangon confusa Komai, 2004
IU-2011-1638	1	BIOPAPUA	CP3707	Arthropoda	Glyphocrangonidae	Glyphocrangon sp.
IU-2011-3329	2	BIOPAPUA	CP3731	Arthropoda	Glyphocrangonidae	Glyphocrangon sp.
IU-2011-2605	2	BIOPAPUA	CP3736	Arthropoda	Glyphocrangonidae	Glyphocrangon assimilis De Man, 1918b
IU-2011-1136	2	BIOPAPUA	CP3666	Arthropoda	Glyphocrangonidae	Glyphocrangon sp.
IU-2011-1170	2	BIOPAPUA	CP3730	Arthropoda	Glyphocrangonidae	Glyphocrangon sp.
IU-2011-1959	1	BIOPAPUA	CP3674	Arthropoda	Glyphocrangonidae	Glyphocrangonidae
IU-2011-2348	1	BIOPAPUA	CP3774	Arthropoda	Glyphocrangonidae	Glyphocrangon confusa Komai, 2004
IU-2011-1453	1	BIOPAPUA	CP3667	Arthropoda	Glyphocrangonidae	Glyphocrangon indonesiensis Komai, 2004c
IU-2011-1193	1	BIOPAPUA	CP3659	Arthropoda	Glyphocrangonidae	Glyphocrangonidae
IU-2011-1178	8	BIOPAPUA	CP3730	Arthropoda	Glyphocrangonidae	Glyphocrangon sp.
IU-2011-1349	1	BIOPAPUA	CP3639	Arthropoda	Glyphocrangonidae	Glyphocrangon sp.
IU-2011-3021	4	BIOPAPUA	CP3709	Arthropoda	Glyphocrangonidae	Glyphocrangon assimilis De Man, 1918b
IU-2011-3338	1	BIOPAPUA	CP3731	Arthropoda	Glyphocrangonidae	Glyphocrangon sp.
IU-2011-3437	1	BIOPAPUA	CP3667	Arthropoda	Glyphocrangonidae	Glyphocrangon sp.
IU-2011-2886	17	BIOPAPUA	CP3739	Arthropoda	Glyphocrangonidae	Glyphocrangon confusa Komai, 2004
IU-2011-1564	23	BIOPAPUA	DW3668	Arthropoda	Glyphocrangonidae	Glyphocrangon faxonii De Man, 1918

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1707	8	BIOPAPUA	CP3716	Arthropoda	Hippolytidae	<i>Lebbeus</i> sp.
IU-2011-3487	13	BIOPAPUA	CP3676	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon assimilis</i> De Man, 1918b
IU-2011-2451	4	BIOPAPUA	CP3740	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon confusa</i> Komai, 2004
IU-2011-5118	4	BIOPAPUA	CP3638	Arthropoda	Callianassidae	<i>Callianassa</i> sp.
IU-2011-1565	7	BIOPAPUA	CP3654	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon faxoni</i> De Man, 1918
IU-2011-1515	9	BIOPAPUA	CP3744	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon assimilis</i> De Man, 1918b
IU-2011-1983	1	BIOPAPUA	CP3714	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon indonesiensis</i> Komai, 2004c
IU-2011-959	2	BIOPAPUA	CP3654	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-1324	6	BIOPAPUA	CP3670	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon confusa</i> Komai, 2004
IU-2011-2487	1	BIOPAPUA	CP3728	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon pugnax</i> De Man, 1918
IU-2011-1568	3	BIOPAPUA	CP3654	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon confusa</i> Komai, 2004
IU-2011-1350	2	BIOPAPUA	CP3744	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-1334	1	BIOPAPUA	CP3670	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon pugnax</i> De Man, 1918
IU-2011-3134	1	BIOPAPUA	CP3707	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon assimilis</i> De Man, 1918b
IU-2011-2956	1	BIOPAPUA	CP3667	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-3301	2	BIOPAPUA	CP3718	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-3263	1	BIOPAPUA	CP3664	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-3907	1	BIOPAPUA	CP3667	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-3116	1	BIOPAPUA	CP3679	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon assimilis</i> De Man, 1918b
IU-2011-5121	1	BIOPAPUA	CP3655	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-5122	1	BIOPAPUA	CP3632	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-5126	1	BIOPAPUA	CP3629	Arthropoda	Callianassidae	<i>Cheramus</i> sp.
IU-2011-2126	3	BIOPAPUA	CP3714	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon indonesiensis</i> Komai, 2004c
IU-2011-2854	1	BIOPAPUA	CP3762	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2461	1	BIOPAPUA	CP3637	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon pugnax</i> De Man, 1918
IU-2011-2568	1	BIOPAPUA	CP3760	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-3175	2	BIOPAPUA	CP3681	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon confusa</i> Komai, 2004
IU-2011-2050	10	BIOPAPUA	CP3713	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon assimilis</i> De Man, 1918b
IU-2011-2250	1	BIOPAPUA	CP3741	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-1968	6	BIOPAPUA	CP3742	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon similior</i> Komai, 2004
IU-2011-3416	1	BIOPAPUA	CP3707	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2207	7	BIOPAPUA	CP3718	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2773	3	BIOPAPUA	CP3681	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2201	3	BIOPAPUA	CP3689	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2979	1	BIOPAPUA	CP3691	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon confusa</i> Komai, 2004
IU-2011-2610	2	BIOPAPUA	CP3737	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon confusa</i> Komai, 2004
IU-2011-3182	1	BIOPAPUA	CP3755	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon confusa</i> Komai, 2004
IU-2011-1871	1	BIOPAPUA	CP3704	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2307	4	BIOPAPUA	CP3708	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-3512	1	BIOPAPUA	CP3760	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon confusa</i> Komai, 2004
IU-2011-2394	2	BIOPAPUA	CP3761	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2344	1	BIOPAPUA	CP3774	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon pugnax</i> De Man, 1918
IU-2011-1971	4	BIOPAPUA	CP3631	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2308	4	BIOPAPUA	CP3677	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2317	4	BIOPAPUA	CP3743	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon confusa</i> Komai, 2004
IU-2011-2985	1	BIOPAPUA	CP3691	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon faxoni</i> De Man, 1918
IU-2011-3592	2	BIOPAPUA	CP3674	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon assimilis</i> De Man, 1918b
IU-2011-1438	1	BIOPAPUA	CP3670	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon faxoni</i> De Man, 1918
IU-2011-2181	1	BIOPAPUA	CP3728	Arthropoda	Crangonidae	<i>Prionocrangon</i> sp.
IU-2011-1841	1	BIOPAPUA	CP3709	Arthropoda	Glyphocrangonidae	<i>Glyphocrangonidae</i>
IU-2011-2856	2	BIOPAPUA	CP3667	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2815	6	BIOPAPUA	CP3762	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon nudis</i> Komai, 2006
IU-2011-1243	1	BIOPAPUA	CP3648	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon indonesiensis</i> Komai, 2004c
IU-2011-1569	2	BIOPAPUA	CP3650	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-888	1	BIOPAPUA	CP3667	Arthropoda	Glyphocrangonidae	<i>Glyphocrangonidae</i>
IU-2011-2382	1	BIOPAPUA	CP3721	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2457	2	BIOPAPUA	CP3637	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon assimilis</i> De Man, 1918b
IU-2011-2364	3	BIOPAPUA	CP3729	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon assimilis</i> De Man, 1918b
IU-2011-2390	1	BIOPAPUA	CP3677	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-1143	1	BIOPAPUA	CP3635	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon pugnax</i> De Man, 1918
IU-2011-1155	1	BIOPAPUA	CP3632	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2686	1	BIOPAPUA	CP3691	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2439	1	BIOPAPUA	CP3714	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon assimilis</i> De Man, 1918b
IU-2011-1726	1	BIOPAPUA	CP3713	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-1791	1	BIOPAPUA	CP3682	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-1394	1	BIOPAPUA	CP3743	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon</i> sp.
IU-2011-2258	3	BIOPAPUA	CP3741	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-2571	1	BIOPAPUA	CP3715	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-1865	10	BIOPAPUA	CP3737	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)
IU-2011-2238	1	BIOPAPUA	CP3740	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-2211	1	BIOPAPUA	CP3714	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-2146	10	BIOPAPUA	CP3715	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)
IU-2011-1271	1	BIOPAPUA	CP3666	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-2611	3	BIOPAPUA	CP3741	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-1377	1	BIOPAPUA	CP3659	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-2351	3	BIOPAPUA	CP3637	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-1445	4	BIOPAPUA	CP3679	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)
IU-2011-1862	3	BIOPAPUA	CP3704	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-1431	4	BIOPAPUA	CP3659	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-2225	15	BIOPAPUA	CP3741	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)
IU-2011-1965	1	BIOPAPUA	CP3774	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-2122	2	BIOPAPUA	CP3714	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)
IU-2011-1602	20	BIOPAPUA	CP3705	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-2353	4	BIOPAPUA	CP3637	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)
IU-2011-2054	3	BIOPAPUA	CP3706	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-2791	2	BIOPAPUA	CP3689	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-3424	2	BIOPAPUA	CP3681	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)
IU-2011-1915	2	BIOPAPUA	CP3755	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-3563	2	BIOPAPUA	CP3760	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-1100	2	BIOPAPUA	CP3736	Arthropoda	Aristeidae	<i>Aristeidae</i>
IU-2011-3531	13	BIOPAPUA	CP3721	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-1357	1	BIOPAPUA	CP3639	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)
IU-2011-1758	10	BIOPAPUA	CP3722	Arthropoda	Aristeidae	<i>Aristeus mabahissae</i> Ramadan, 1938
IU-2011-2339	4	BIOPAPUA	CP3750	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-2756	1	BIOPAPUA	CP3681	Arthropoda	Aristeidae	<i>Aristeomorpha foliacea</i> (Risso, 1827)
IU-2011-1471	5	BIOPAPUA	CP3774	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)
IU-2011-2346	6	BIOPAPUA	CP3637	Arthropoda	Aristeidae	<i>Aristeomorpha foliacea</i> (Risso, 1827)
IU-2011-3536	1	BIOPAPUA	CP3756	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-2498	1	BIOPAPUA	CP3761	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-2116	10	BIOPAPUA	CP3722	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-2132	6	BIOPAPUA	CP3723	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-2557	2	BIOPAPUA	CP3774	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-2553	10	BIOPAPUA	CP3723	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)
IU-2011-2389	2	BIOPAPUA	CP3761	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-1340	1	BIOPAPUA	CP3633	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)
IU-2011-2430	6	BIOPAPUA	CP3722	Arthropoda	Aristeidae	<i>Aristeus virilis</i> (Bate, 1881)

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1373	1	BIO PAPUA	CP3659	Arthropoda	Aristeidae	Aristeomorpha foliacea (Risso, 1827)
IU-2011-3468	2	BIO PAPUA	CP3682	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-3510	2	BIO PAPUA	CP3747	Arthropoda	Aristeidae	Aristeus sp.
IU-2011-2397	10	BIO PAPUA	CP3722	Arthropoda	Aristeidae	Aristaeopsis edwardsiana (Johnson, 1867)
IU-2011-2262	8	BIO PAPUA	CP3723	Arthropoda	Aristeidae	Aristaeopsis edwardsiana (Johnson, 1867)
IU-2011-1823	10	BIO PAPUA	CP3774	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-1911	3	BIO PAPUA	CP3705	Arthropoda	Aristeidae	Aristeus sp.
IU-2011-1816	8	BIO PAPUA	CP3703	Arthropoda	Aristeidae	Aristeus sp.
IU-2011-1348	8	BIO PAPUA	CP3657	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-2982	3	BIO PAPUA	CP3691	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-2633	5	BIO PAPUA	CP3646	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-2940	7	BIO PAPUA	CP3646	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1657	2	BIO PAPUA	CP3710	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-2783	3	BIO PAPUA	CP3707	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1351	3	BIO PAPUA	CP3633	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1508	4	BIO PAPUA	CP3635	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1065	6	BIO PAPUA	CP3655	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1454	13	BIO PAPUA	CP3659	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-2540	3	BIO PAPUA	CP3737	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-2593	2	BIO PAPUA	CP3743	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1295	5	BIO PAPUA	CP3635	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1777	1	BIO PAPUA	CP3704	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1456	1	BIO PAPUA	CP3669	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-3457	1	BIO PAPUA	CP3707	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-2059	2	BIO PAPUA	CP3728	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-3617	1	BIO PAPUA	CP3708	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-2302	14	BIO PAPUA	CP3721	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-2109	5	BIO PAPUA	CP3742	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1973	6	BIO PAPUA	CP3742	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-2902	10	BIO PAPUA	CP3739	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1421	4	BIO PAPUA	CP3659	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-3812	12	BIO PAPUA	CP3646	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1774	2	BIO PAPUA	CP3692	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-3496	2	BIO PAPUA	CP3708	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1059	9	BIO PAPUA	DW3668	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1962	3	BIO PAPUA	CP3707	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1266	4	BIO PAPUA	CP3670	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-3642	1	BIO PAPUA	CP3645	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-1352	5	BIO PAPUA	CP3633	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-1783	18	BIO PAPUA	CP3693	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-1331	3	BIO PAPUA	CP3635	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-2517	1	BIO PAPUA	CP3701	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-2347	4	BIO PAPUA	CP3702	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-1434	1	BIO PAPUA	CP3669	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-2069	3	BIO PAPUA	CP3728	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-1629	2	BIO PAPUA	CP3693	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-1537	13	BIO PAPUA	CP3630	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-1516	3	BIO PAPUA	CP3665	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-1916	3	BIO PAPUA	CP3707	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-3792	11	BIO PAPUA	CP3646	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-1792	1	BIO PAPUA	CP3705	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1773	41	BIO PAPUA	CP3693	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1359	10	BIO PAPUA	CP3635	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-2948	25	BIO PAPUA	CP3759	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-941	1	BIO PAPUA	CP3654	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1686	23	BIO PAPUA	CP3710	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1064	3	BIO PAPUA	CP3635	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-3145	1	BIO PAPUA	CP3697	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1762	2	BIO PAPUA	CP3701	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-896	16	BIO PAPUA	CP3629	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1549	9	BIO PAPUA	CP3634	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-3827	24	BIO PAPUA	CP3646	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1464	4	BIO PAPUA	CP3669	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1856	6	BIO PAPUA	CP3692	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1882	1	BIO PAPUA	CP3706	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1597	35	BIO PAPUA	CP3693	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-3252	6	BIO PAPUA	CP3646	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-3037	13	BIO PAPUA	CP3645	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2941	28	BIO PAPUA	CP3646	Arthropoda	Pandalidae	Heterocarpus parvispina de Man, 1917
IU-2011-2718	2	BIO PAPUA	CP3646	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-3089	3	BIO PAPUA	CP3646	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-1813	1	BIO PAPUA	CP3701	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-2318	2	BIO PAPUA	CP3695	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-1759	1	BIO PAPUA	CP3703	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-3102	2	BIO PAPUA	CP3664	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-1235	2	BIO PAPUA	CP3700	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1493	3	BIO PAPUA	CP3630	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-978	2	BIO PAPUA	CP3629	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-1586	1	BIO PAPUA	CP3705	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-2278	1	BIO PAPUA	DW3765	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-3790	1	BIO PAPUA	DW3772	Arthropoda	Penaeidae	Atypopenaeus sp.
IU-2011-1415	2	BIO PAPUA	CP3633	Arthropoda	Penaeidae	Atypopenaeus sp.
IU-2011-1509	1	BIO PAPUA	CP3665	Arthropoda	Penaeidae	Atypopenaeus sp.
IU-2011-1771	1	BIO PAPUA	CP3693	Arthropoda	Penaeidae	Atypopenaeus sp.
IU-2011-1683	1	BIO PAPUA	CP3710	Arthropoda	Penaeidae	Atypopenaeus sp.
IU-2011-3061	1	BIO PAPUA	CP3664	Arthropoda	Penaeidae	Atypopenaeus sp.
IU-2011-1403	9	BIO PAPUA	CP3634	Arthropoda	Penaeidae	Atypopenaeus sp.
IU-2011-3452	1	BIO PAPUA	CP3666	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2163	1	BIO PAPUA	CP3742	Arthropoda	Palaemonidae	Amphipontonia? sp.
IU-2011-5146	5	BIO PAPUA	CP3710	Arthropoda	Nephropidae	Metanephrops boschmai (Holthuis, 1964)
IU-2011-1046	1	BIO PAPUA	CP3730	Arthropoda	Palaemonidae	Palaemonidae
IU-2011-2359	3	BIO PAPUA	CP3702	Arthropoda	Penaeidae	Trachysalambria sp.
IU-2011-5024	1	BIO PAPUA	CP3645	Arthropoda	Solenoceridae	Solenoceridae
IU-2011-2215	1	BIO PAPUA	NO DATA	Arthropoda	Penaeidae	
IU-2011-5157	10	BIO PAPUA	CP3693	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-5158	1	BIO PAPUA	CP3655	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-5159	16	BIO PAPUA	CP3629	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-4934	1	BIO PAPUA	CP3724	Arthropoda	Munididae	Munididae
IU-2011-1956	1	BIO PAPUA	CP3736	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-2316	1	BIO PAPUA	CP3646	Arthropoda	Galatheidae	Munidopsis sp.
IU-2011-1628	4	BIO PAPUA	CP3778	Arthropoda		Decapoda
IU-2011-2025	1	BIO PAPUA	CP3779	Arthropoda	Olopboridae	Acanthephyra sp.
IU-2011-3173	1	BIO PAPUA	CP3682	Arthropoda	Galatheidae	Agononida sp.
IU-2011-1942	9	BIO PAPUA	CP3656	Arthropoda	Galatheidae	Munida sp.
IU-2011-1621	4	BIO PAPUA	CP3650	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-1318	2	BIO PAPUA	CP3714	Arthropoda	Solenoceridae	Haliporus sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1342	6	BIOPAPUA	CP3639	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-1036	14	BIOPAPUA	CP3730	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-3260	3	BIOPAPUA	CP3709	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-1209	2	BIOPAPUA	CP3666	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-1196	1	BIOPAPUA	CP3744	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-2177	1	BIOPAPUA	CP3715	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-3559	2	BIOPAPUA	CP3674	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-2826	2	BIOPAPUA	CP3677	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-1920	7	BIOPAPUA	CP3637	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-2541	1	BIOPAPUA	CP3667	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-3491	4	BIOPAPUA	CP3676	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-3322	1	BIOPAPUA	CP3690	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-2398	1	BIOPAPUA	CP3631	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-3224	1	BIOPAPUA	CP3632	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-1251	1	BIOPAPUA	CP3632	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-3139	1	BIOPAPUA	CP3667	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-1822	1	BIOPAPUA	CP3711	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-1541	4	BIOPAPUA	CP3780	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2256	21	BIOPAPUA	CP3729	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1108	9	BIOPAPUA	CP3736	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1894	2	BIOPAPUA	CP3676	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2337	3	BIOPAPUA	CP3761	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-3045	1	BIOPAPUA	CP3709	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1376	20	BIOPAPUA	CP3659	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2279	4	BIOPAPUA	CP3716	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1958	9	BIOPAPUA	CP3774	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-3074	1	BIOPAPUA	CP3667	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-3346	10	BIOPAPUA	CP3690	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1263	3	BIOPAPUA	CP3638	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1313	7	BIOPAPUA	CP3653	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1729	6	BIOPAPUA	CP3750	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2234	1	BIOPAPUA	CP3721	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-3557	6	BIOPAPUA	CP3760	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1304	3	BIOPAPUA	CP3651	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1203	9	BIOPAPUA	CP3744	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-3573	3	BIOPAPUA	CP3755	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1647	3	BIOPAPUA	CP3717	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2127	11	BIOPAPUA	CP3741	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2219	3	BIOPAPUA	CP3714	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1021	3	BIOPAPUA	CP3715	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1370	3	BIOPAPUA	CP3659	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1328	6	BIOPAPUA	CP3780	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1938	1	BIOPAPUA	CP3706	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-3506	6	BIOPAPUA	CP3747	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1188	1	BIOPAPUA	CP3635	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-3454	1	BIOPAPUA	CP3681	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2499	1	BIOPAPUA	DW3749	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1886	2	BIOPAPUA	CP3715	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1044	1	BIOPAPUA	CP3730	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2046	1	BIOPAPUA	CP3713	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1695	1	BIOPAPUA	CP3677	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2797	1	BIOPAPUA	CP3647	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2178	1	BIOPAPUA	CP3712	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-3003	3	BIOPAPUA	DW3781	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1587	1	BIOPAPUA	CP3705	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-1256	1	BIOPAPUA	CP3632	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-3623	7	BIOPAPUA	CP3708	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-3088	2	BIOPAPUA	CP3646	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-1103	1	BIOPAPUA	CP3739	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-1356	1	BIOPAPUA	CP3635	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-2795	2	BIOPAPUA	CP3707	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-2187	2	BIOPAPUA	CP3712	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-1028	3	BIOPAPUA	CP3728	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-3610	5	BIOPAPUA	CP3707	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-1876	6	BIOPAPUA	CP3721	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-1101	3	BIOPAPUA	CP3648	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-1442	2	BIOPAPUA	CP3667	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-1257	3	BIOPAPUA	CP3638	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-1808	3	BIOPAPUA	CP3774	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-2440	2	BIOPAPUA	CP3740	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-1444	1	BIOPAPUA	CP3679	Arthropoda	Solenoceridae	Haliporoides sp.
IU-2011-2942	2	BIOPAPUA	CP3708	Arthropoda	Solenoceridae	Haliporoides sibogae (de Man, 1907)
IU-2011-1727	1	BIOPAPUA	CP3722	Arthropoda	Solenoceridae	Haliporoides sibogae (de Man, 1907)
IU-2011-3326	1	BIOPAPUA	CP3712	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-3191	1	BIOPAPUA	CP3633	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-1684	14	BIOPAPUA	CP3728	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-3323	2	BIOPAPUA	CP3690	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-1488	2	BIOPAPUA	CP3635	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-2586	7	BIOPAPUA	CP3713	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-1236	1	BIOPAPUA	CP3714	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-1664	2	BIOPAPUA	CP3711	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-1936	1	BIOPAPUA	CP3637	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-2988	1	BIOPAPUA	CP3691	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-2182	2	BIOPAPUA	CP3708	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-1159	1	BIOPAPUA	CP3655	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-2313	1	BIOPAPUA	CP3695	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-3047	1	BIOPAPUA	DW3745	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-2938	1	BIOPAPUA	CP3759	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-2501	3	BIOPAPUA	DW3748	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-1668	1	BIOPAPUA	CP3728	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-1302	1	BIOPAPUA	CP3659	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-1375	4	BIOPAPUA	CP3657	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-1914	4	BIOPAPUA	CP3693	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-1482	3	BIOPAPUA	CP3633	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-2009	1	BIOPAPUA	CP3711	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-1613	1	BIOPAPUA	CP3774	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-2184	1	BIOPAPUA	CP3742	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-2363	1	BIOPAPUA	CP3702	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-3552	2	BIOPAPUA	CP3760	Arthropoda	Solenoceridae	Hadropenaeus sp.
IU-2011-2259	2	BIOPAPUA	CP3722	Arthropoda	Solenoceridae	Solenoceridae
IU-2011-1341	1	BIOPAPUA	CP3657	Arthropoda	Solenoceridae	Mesopopenaeus sp.
IU-2011-5163	14	BIOPAPUA	CP3778	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-5164	3	BIOPAPUA	CP3736	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-2045	4	BIOPAPUA	CP3721	Arthropoda	Solenoceridae	Solenoceridae
IU-2011-5160	1	BIOPAPUA	CP3742	Arthropoda	Palaemonidae	Palaemonidae
IU-2011-5156	1	BIOPAPUA	CP3759	Arthropoda	Palaemonidae	Palaemonidae

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-5059	1	BIOPAPUA	CP3721	Arthropoda	Palaemonidae	Palaemonidae
IU-2011-5161	3	BIO PAPUA	CP3693	Arthropoda	Palaemonidae	Palaemonidae
IU-2011-4875	1	BIO PAPUA	CP3645	Arthropoda	Palaemonidae	Palaemonidae
IU-2011-2596	4	BIO PAPUA	CP3695	Arthropoda	Palaemonidae	Palaemonidae
IU-2011-2892	1	BIO PAPUA	CP3709	Arthropoda	Cymonomidae	Cymonomidae
IU-2011-1466	1	BIO PAPUA	CP3669	Arthropoda	Cymonomidae	Cymonomus sp.
IU-2011-2530	1	BIO PAPUA	CP3743	Arthropoda	Cymonomidae	Cymonomidae
IU-2011-2026	1	BIO PAPUA	CP3736	Arthropoda	Cymonomidae	Cymonomidae
IU-2011-3582	1	BIO PAPUA	CP3689	Arthropoda	Cymonomidae	Cymonomidae
IU-2011-2033	1	BIO PAPUA	CP3672	Arthropoda	Cymonomidae	Cymonomidae
IU-2011-1199	1	BIO PAPUA	DW3732	Arthropoda	Cymonomidae	Cymonomidae
IU-2011-1246	1	BIO PAPUA	CP3736	Arthropoda	Cymonomidae	Cymonomus sp.
IU-2011-1752	1	BIO PAPUA	CP3737	Arthropoda	Cymonomidae	Cymonomidae
IU-2011-1901	7	BIO PAPUA	CP3743	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-1127	6	BIO PAPUA	CP3670	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3517	1	BIO PAPUA	CP3691	Arthropoda	Lithodidae	Paralomis dofleini
IU-2011-2140	1	BIO PAPUA	CP3721	Arthropoda	Lithodidae	Neolithodes
IU-2011-2788	1	BIO PAPUA	CP3651	Arthropoda	Lithodidae	Paralomis sp.
IU-2011-2838	1	BIO PAPUA	CP3647	Arthropoda	Lithodidae	Paralomis sp.
IU-2011-2801	1	BIO PAPUA	CP3655	Arthropoda	Lithodidae	Paralomis sp.
IM-2009-17786	1	BIO PAPUA	CP3711	Arthropoda	Buccinidae	Nassaria sp.
IM-2009-17769	1	BIO PAPUA	CP3710	Arthropoda	Buccinidae	Nassaria sp.
IM-2009-17767	1	BIO PAPUA	CP3710	Arthropoda	Buccinidae	Nassaria sp.
IM-2009-17755	1	BIO PAPUA	DW3745	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17782	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17780	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17788	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22657	1	BIO PAPUA	DW3757	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22657	1	BIO PAPUA	DW3757	Mollusca	Buccinidae	Nassaria nsp.
IM-2009-17800	1	BIO PAPUA	DW3734	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17771	1	BIO PAPUA	CP3710	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17754	1	BIO PAPUA	CP3693	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17791	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17777	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17778	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17790	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22653	1	BIO PAPUA	DW3732	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22653	1	BIO PAPUA	DW3732	Mollusca	Buccinidae	Nassaria echinata Fraussen, Castelin & Bouchet, 2012
IM-2009-17757	1	BIO PAPUA	DW3745	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17801	1	BIO PAPUA	CP3707	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17773	1	BIO PAPUA	CP3710	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17772	1	BIO PAPUA	CP3710	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17749	1	BIO PAPUA	CP3657	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17784	1	BIO PAPUA	DW3734	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17774	1	BIO PAPUA	CP3710	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17797	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17766	1	BIO PAPUA	CP3710	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17759	1	BIO PAPUA	DW3745	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17789	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17783	1	BIO PAPUA	CP3645	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17753	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22651	1	BIO PAPUA	DW3770	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22651	1	BIO PAPUA	DW3770	Mollusca	Buccinidae	Nassaria stahlschmidtii Fraussen, Castelin & Bouchet, 2012
IM-2009-17768	1	BIO PAPUA	CP3710	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17763	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17775	1	BIO PAPUA	CP3710	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22656	1	BIO PAPUA	CP3713	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22656	1	BIO PAPUA	CP3713	Mollusca	Buccinidae	Nassaria corollaria Fraussen, 2006
IM-2009-17770	1	BIO PAPUA	CP3710	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22655	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22655	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria incisa Fraussen, 2006
IM-2009-17764	1	BIO PAPUA	CP3710	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22654	1	BIO PAPUA	CP3664	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22654	1	BIO PAPUA	CP3664	Mollusca	Buccinidae	Nassaria albosonata Fraussen, Castelin & Stahlschmidt, 2012
IM-2009-17776	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17799	1	BIO PAPUA	DW3734	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17750	1	BIO PAPUA	DW3745	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17760	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17781	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17765	1	BIO PAPUA	CP3710	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17792	1	BIO PAPUA	DW3738	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22652	1	BIO PAPUA	CP3713	Mollusca	Buccinidae	Nassaria sp.
IM-2009-22652	1	BIO PAPUA	CP3713	Mollusca	Buccinidae	Nassaria perlata Poppe & Fraussen, 2004
IM-2009-17787	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17785	1	BIO PAPUA	CP3711	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13123	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13136	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13106	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17761	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13162	1	BIO PAPUA	DW3748	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13140	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13115	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13134	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13150	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13121	1	BIO PAPUA	DW3748	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13130	1	BIO PAPUA	DW3748	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13131	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13164	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13119	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13118	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-13156	1	BIO PAPUA	CP3633	Mollusca	Buccinidae	Nassaria sp.
IM-2009-17803	1	BIO PAPUA	CP3702	Mollusca	Bursidae	Bufonaria perelegans Beu, 1987
IM-2009-17822	1	BIO PAPUA	CP3702	Mollusca	Bursidae	Bufonaria perelegans Beu, 1987
IM-2009-17807	1	BIO PAPUA	CP3707	Mollusca	Ranellidae	Ranellidae sp.
IM-2009-17804	1	BIO PAPUA	CP3778	Mollusca	Tonnidae	Tonnidae
IM-2009-17819	1	BIO PAPUA	CP3702	Mollusca	Bursidae	Bufonaria perelegans Beu, 1987
IM-2009-17818	1	BIO PAPUA	CP3700	Mollusca	Bursidae	Bursa sp.
IM-2009-17845	1	BIO PAPUA	CP3774	Mollusca	Tonnidae	Tonnidae
IM-2009-17842	1	BIO PAPUA	CP3635	Mollusca	Ranellidae	Biplex sp.
IM-2009-17817	1	BIO PAPUA	CP3630	Mollusca	Bursidae	Bursa sp.
IM-2009-17847	1	BIO PAPUA	CP3667	Mollusca	Tonnidae	Tonnidae
IM-2009-17815	1	BIO PAPUA	CP3737	Mollusca	Tonnidae	Tonnidae
IM-2009-17808	1	BIO PAPUA	CP3728	Mollusca	Tonnidae	Tonnidae
IM-2009-17840	1	BIO PAPUA	CP3669	Mollusca	Tonnidae	Tonnidae
IM-2009-17805	1	BIO PAPUA	DW3641	Mollusca	Ranellidae	Ranellidae sp.
IM-2009-17821	1	BIO PAPUA	CP3702	Mollusca	Bursidae	Bufonaria perelegans Beu, 1987

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IM-2009-17823	1	BIOPAPUA	CP3702	Mollusca	Bursidae	<i>Bufonaria perelegans</i> Beu, 1987
IM-2009-17816	1	BIOPAPUA	DW3732	Mollusca	Bursidae	<i>Bursa</i> sp.
IM-2009-17809	1	BIOPAPUA	CP3669	Mollusca	Tonnidae	Tonnidae
IM-2009-17848	1	BIOPAPUA	CP3646	Mollusca	Tonnidae	Tonnidae
IM-2009-17841	1	BIOPAPUA	CP3708	Mollusca	Tonnidae	Tonnidae
IM-2009-17846	1	BIOPAPUA	CP3728	Mollusca	Tonnidae	Tonnidae
IM-2009-17811	1	BIOPAPUA	DW3732	Mollusca	Ranellidae	<i>Biplex</i> sp.
IM-2009-17806	1	BIOPAPUA	CP3760	Mollusca	Tonnidae	Tonnidae
IM-2009-17820	1	BIOPAPUA	CP3635	Mollusca	Personidae	<i>Distorsio</i> sp.
IM-2009-17843	1	BIOPAPUA	CP3635	Mollusca	Personidae	<i>Distorsio</i> sp.
IM-2009-17810	1	BIOPAPUA	CP3634	Mollusca	Personidae	<i>Distorsio</i> sp.
IM-2009-17844	1	BIOPAPUA	CP3635	Mollusca	Personidae	<i>Distorsio</i> sp.
IM-2009-17802	1	BIOPAPUA	CP3634	Mollusca	Cassidae	<i>Cassidae</i> sp.
IM-2009-17812	1	BIOPAPUA	CP3669	Mollusca	Ranellidae	<i>Ranellidae</i> sp.
IM-2009-17814	1	BIOPAPUA	CP3634	Mollusca	Personidae	<i>Distorsio</i> sp.
IU-2011-2680	1	BIOPAPUA	CP3667	Mollusca	Crangonidae	<i>Metacrangon</i> sp.
IU-2011-3261	1	BIOPAPUA	CP3731	Mollusca	Crangonidae	<i>Metacrangon</i> sp.
IU-2011-1171	1	BIOPAPUA	CP3730	Mollusca	Crangonidae	<i>Metacrangon</i> sp.
IU-2011-3230	1	BIOPAPUA	CP3682	Arthropoda	Crangonidae	<i>Metacrangon</i> sp.
IU-2011-923	1	BIOPAPUA	CP3730	Arthropoda	Crangonidae	<i>Metacrangon</i> sp.
IU-2011-3295	1	BIOPAPUA	CP3650	Arthropoda	Munidopsidae	<i>Munidopsidae</i> Gen. sp.
IU-2011-2871	1	BIOPAPUA	CP3755	Arthropoda	Inachidae	<i>Cyrtomaia</i> sp.
IU-2011-3879	1	BIOPAPUA	CP3697	Arthropoda	Upogebiidae	<i>Gebiacantha</i> sp.
IU-2011-3153	1	BIOPAPUA	CP3693	Arthropoda	Upogebiidae	<i>Gebiacantha</i> sp.
IU-2011-2375	1	BIOPAPUA	CP3712	Arthropoda	Platycheilidae	<i>Platycheilidae</i>
IU-2011-1131	1	BIOPAPUA	CP3654	Arthropoda	Plagusiidae	<i>Plagusia</i> sp.
IU-2011-2682	11	BIOPAPUA	CP3645	Arthropoda	Paguridae	<i>Paguridae</i>
IU-2011-2411	1	BIOPAPUA	CP3759	Arthropoda	Latreilliidae	<i>Latreilliidae</i>
IU-2011-3465	16	BIOPAPUA	CP3759	Arthropoda	Euphausiidae	<i>Euphausia</i> sp.
IU-2011-3509	2	BIO PAPUA	CP3747	Arthropoda	Euphausiidae	<i>Euphausia</i> sp.
IU-2011-3526	1	BIOPAPUA	CP3760	Arthropoda	Euphausiidae	<i>Euphausia</i> sp.
IU-2011-3571	1	BIOPAPUA	DW3765	Arthropoda	Euphausiidae	<i>Euphausia</i> sp.
IU-2011-3371	1	BIOPAPUA	CP3632	Arthropoda	Psalidopodidae	<i>Psalidopus</i> sp.
IU-2011-1670	1	BIOPAPUA	CP3677	Arthropoda	Psalidopodidae	<i>Psalidopus huxleyi</i> Wood-Mason & Alcock, 1892
IU-2011-2893	1	BIOPAPUA	CP3709	Arthropoda	Retroplumidae	<i>Retropluma</i> sp.
IU-2011-2006	1	BIOPAPUA	CP3707	Arthropoda	Retroplumidae	<i>Retroplumidae</i>
IU-2011-3621	1	BIOPAPUA	CP3708	Arthropoda	Retroplumidae	<i>Retroplumidae</i>
IU-2011-2053	1	BIOPAPUA	CP3711	Arthropoda	Retroplumidae	<i>Retroplumidae</i>
IU-2011-1465	2	BIOPAPUA	CP3634	Arthropoda	Palicidae	<i>Palicidae</i>
IU-2011-1698	1	BIOPAPUA	CP3710	Arthropoda	Palicidae	<i>Palicidae</i>
IU-2011-2758	1	BIOPAPUA	CP3693	Arthropoda	Palicidae	<i>Palicidae</i>
IU-2011-1197	2	BIOPAPUA	CP3774	Arthropoda	Palicidae	<i>Palicidae</i>
IU-2011-3085	1	BIOPAPUA	DW3770	Arthropoda	Palicidae	<i>Palicidae</i>
IU-2011-2460	3	BIO PAPUA	CP3695	Arthropoda	Palicidae	<i>Palicidae</i>
IU-2011-2916	2	BIOPAPUA	CP3762	Arthropoda	Spongicolidae	<i>Globospongicola</i> sp.
IU-2011-1685	1	BIOPAPUA	CP3657	Arthropoda	Spongicolidae	<i>Spongicola</i> sp.
IU-2011-1724	1	BIOPAPUA	DW3719	Arthropoda	Spongicolidae	<i>Spongicola</i> sp.
IU-2011-3038	1	BIOPAPUA	DW3752	Arthropoda	Spongicolidae	<i>Spongicola</i> sp.
IU-2011-2036	1	BIOPAPUA	CP3743	Arthropoda	Spongicolidae	<i>Spongicola</i> sp.
IU-2011-894	1	BIOPAPUA	DW3734	Arthropoda	Spongicolidae	<i>Spongicola</i> sp.
IU-2011-2746	1	BIOPAPUA	CP3756	Arthropoda	Spongicolidae	<i>Spongicola</i> sp.
IU-2011-3304	1	BIOPAPUA	CP3657	Arthropoda	Spongicolidae	<i>Spongicola</i> sp.
IU-2011-3054	1	BIOPAPUA	CP3739	Arthropoda	Spongicolidae	<i>Spongicola</i> sp.
IU-2011-3287	2	BIOPAPUA	CP3740	Arthropoda	Spongicolidae	<i>Spongicola</i> sp.
IU-2011-1868	2	BIOPAPUA	CP3706	Arthropoda	Scyllaridae	<i>Ibacus brevipes</i> Bate, 1888
IU-2011-1772	2	BIOPAPUA	CP3693	Arthropoda	Scyllaridae	<i>Bathyarctus rubens</i> (Alcock & Anderson, 1894)
IU-2011-3063	2	BIOPAPUA	CP3664	Arthropoda	Scyllaridae	<i>Chelarctus aureus</i> (Holthuis, 1963)
IU-2011-1269	1	BIOPAPUA	CP3666	Arthropoda	Scyllaridae	<i>Scammarctus batei</i> (Holthuis, 1946)
IU-2011-1630	3	BIO PAPUA	CP3693	Arthropoda	Scyllaridae	<i>Scammarctus batei</i> (Holthuis, 1946)
IU-2011-1765	8	BIOPAPUA	CP3693	Arthropoda	Scyllaridae	<i>Scammarctus batei</i> (Holthuis, 1946)
IU-2011-2289	1	BIOPAPUA	CP3693	Arthropoda	Scyllaridae	<i>Scammarctus batei</i> (Holthuis, 1946)
IU-2011-898	3	BIO PAPUA	CP3629	Arthropoda	Scyllaridae	<i>Scammarctus batei</i> (Holthuis, 1946)
IU-2011-976	1	BIOPAPUA	CP3629	Arthropoda	Scyllaridae	<i>Scammarctus batei</i> (Holthuis, 1946)
IU-2011-2958	2	BIO PAPUA	CP3664	Arthropoda	Scyllaridae	<i>Scammarctus batei</i> (Holthuis, 1946)
IU-2011-2926	1	BIOPAPUA	CP3759	Arthropoda	Trapeziidae	<i>Trapezoidae</i>
IU-2011-2533	5	BIO PAPUA	DW3732	Arthropoda	Trapeziidae	<i>Sphenomerides</i> sp.
IU-2011-2264	3	BIO PAPUA	DW3719	Arthropoda	Trapeziidae	<i>Trapeziidae</i>
IU-2011-2360	1	BIO PAPUA	CP3760	Arthropoda	Trapeziidae	<i>Trapeziidae</i>
IU-2011-2906	3	BIO PAPUA	DW3764	Arthropoda	Trapeziidae	<i>Trapeziidae</i>
IU-2011-3248	1	BIO PAPUA	DW3733	Arthropoda	Trapeziidae	<i>Trapeziidae</i>
IU-2011-3210	1	BIO PAPUA	DW3763	Arthropoda	Trapeziidae	<i>Trapeziidae</i>
IU-2011-1124	2	BIO PAPUA	DW3732	Arthropoda	Trapeziidae	<i>Trapeziidae</i>
IU-2011-1402	4	BIO PAPUA	CP3656	Arthropoda	Alpheidae	<i>Alpheus hailstonei</i> Coutière, 1905b
IU-2011-3541	1	BIO PAPUA	CP3664	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-1821	2	BIO PAPUA	DW3732	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-1539	1	BIO PAPUA	CP3635	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-2230	4	BIO PAPUA	CP3701	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-1873	1	BIO PAPUA	DW3770	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-3142	1	BIO PAPUA	DW3763	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-1585	2	BIO PAPUA	CP3705	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-1883	4	BIO PAPUA	CP3705	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-3813	10	BIO PAPUA	CP3705	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-1329	1	BIO PAPUA	CP3634	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-2331	4	BIO PAPUA	CP3711	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-1737	1	BIO PAPUA	CP3710	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-3024	1	BIO PAPUA	DW3764	Arthropoda	Alpheidae	<i>Alpheus</i> sp.
IU-2011-1467	1	BIO PAPUA	CP3670	Arthropoda	Parthenopidae	<i>Daldorfia</i> sp.
IU-2011-3503	1	BIO PAPUA	CP3697	Arthropoda	Parthenopidae	<i>Parthenopidae</i>
IU-2011-2755	1	BIO PAPUA	CP3681	Arthropoda	Parthenopidae	<i>Parthenopidae</i>
IU-2011-2222	4	BIO PAPUA	CP3695	Arthropoda	Parthenopidae	<i>Parthenopidae</i>
IU-2011-2612	2	BIO PAPUA	CP3695	Arthropoda	Parthenopidae	<i>Parthenopidae</i>
IU-2011-1741	1	BIO PAPUA	DW3719	Arthropoda	Parthenopidae	<i>Parthenopidae</i>
IU-2011-2544	1	BIO PAPUA	CP3702	Arthropoda	Xanthidae	<i>Liagore</i> sp.
IU-2011-1268	3	BIO PAPUA	CP3664	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-1216	1	BIO PAPUA	CP3630	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-3372	1	BIO PAPUA	CP3633	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-2750	1	BIO PAPUA	CP3693	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-1511	5	BIO PAPUA	CP3656	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-1031	2	BIO PAPUA	CP3633	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-2752	1	BIO PAPUA	CP3693	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-2288	2	BIO PAPUA	DW3719	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-2152	1	BIO PAPUA	DW3770	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-1633	1	BIO PAPUA	CP3630	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-1688	11	BIO PAPUA	DW3719	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-1135	1	BIO PAPUA	CP3630	Arthropoda	Xanthidae	<i>Xanthidae</i>
IU-2011-3351	1	BIO PAPUA	CP3739	Arthropoda	Xanthidae	<i>Xanthidae</i>

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-3619	1	BIOPAPUA	DW3770	Arthropoda	Xanthidae	Xanthidae
IU-2011-1002	1	BIOPAPUA	CP3653	Arthropoda	Hyperiidae	Hyperiidae
IU-2011-2325	8	BIOPAPUA	CP3740	Arthropoda	Epimeriidae	Epimeriidae
IU-2011-3360	58	BIOPAPUA	CP3739	Arthropoda	Epimeriidae	Epimeriidae
IU-2011-3414	1	BIOPAPUA	CP3690	Arthropoda		Amphipoda
IU-2011-2532	1	BIOPAPUA	DW3732	Arthropoda		Amphipoda
IU-2011-2950	1	BIOPAPUA	CP3759	Arthropoda		Amphipoda
IU-2011-1674	1	BIOPAPUA	DW3696	Arthropoda		Amphipoda
IU-2011-2422	1	BIOPAPUA	CP3740	Arthropoda	Pandalidae	Chlorotocus sp.
IU-2011-2707	1	BIOPAPUA	CP3747	Arthropoda		Amphipoda
IU-2011-2091	2	BIOPAPUA	CP3693	Arthropoda	Pandalidae	Chlorotocus sp.
IU-2011-3299	1	BIOPAPUA	DW3683	Arthropoda		Amphipoda
IU-2011-3532	1	BIOPAPUA	CP3750	Arthropoda		Amphipoda
IU-2011-2770	5	BIOPAPUA	CP3756	Arthropoda		Amphipoda
IU-2011-2160	14	BIOPAPUA	CP3743	Arthropoda		Amphipoda
IU-2011-2834	1	BIOPAPUA	CP3677	Arthropoda	Pandalidae	Stylopandalus richardi (Coutière, 1905a)
IU-2011-1809	3	BIOPAPUA	CP3716	Arthropoda		Amphipoda
IU-2011-2592	4	BIOPAPUA	CP3761	Arthropoda		Amphipoda
IU-2011-1205	6	BIOPAPUA	CP3742	Arthropoda		Amphipoda
IU-2011-3240	1	BIOPAPUA	CP3674	Arthropoda		Amphipoda
IU-2011-1285	1	BIOPAPUA	CP3659	Arthropoda		Amphipoda
IU-2011-2075	2	BIOPAPUA	CP3742	Arthropoda	Pandalidae	Plesionika sp.
IU-2011-3368	2	BIOPAPUA	CP3739	Arthropoda		Amphipoda
IU-2011-1749	1	BIOPAPUA	CP3701	Arthropoda	Pandalidae	Proctetes sp.
IU-2011-1681	1	BIOPAPUA	CP3700	Arthropoda	Pandalidae	Proctetes sp.
IU-2011-1425	1	BIOPAPUA	CP3635	Arthropoda	Pandalidae	Proctetes levicarina (Bate, 1888)
IU-2011-3071	1	BIOPAPUA	CP3664	Arthropoda	Pandalidae	Proctetes levicarina (Bate, 1888)
IU-2011-3337	1	BIOPAPUA	DW3696	Arthropoda	Pandalidae	Pandalidae
IU-2011-934	1	BIOPAPUA	CP3653	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-1128	4	BIOPAPUA	CP3730	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-3137	7	BIOPAPUA	CP3739	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-2808	2	BIOPAPUA	CP3739	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-2618	1	BIOPAPUA	CP3666	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-3502	1	BIOPAPUA	CP3672	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-3612	2	BIOPAPUA	DW3781	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-1052	17	BIOPAPUA	CP3736	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-3611	1	BIOPAPUA	CP3667	Arthropoda	Crangonidae	Parapontophilus difficilis Komai, 2006
IU-2011-2665	1	BIOPAPUA	CP3635	Arthropoda	Crangonidae	Pontocaris sp.
IU-2011-1000	1	BIOPAPUA	CP3629	Arthropoda	Crangonidae	Pontocaris sp.
IU-2011-963	2	BIOPAPUA	CP3700	Arthropoda	Crangonidae	Pontocaris sp.
IU-2011-2845	1	BIOPAPUA	CP3634	Arthropoda	Crangonidae	Pontocaris sp.
IU-2011-1090	2	BIOPAPUA	CP3655	Arthropoda	Crangonidae	Lissosabinea indica (De Man, 1918b)
IU-2011-1150	1	BIOPAPUA	CP3655	Arthropoda	Crangonidae	Lissosabinea unispinosa Komai, 2006a
IU-2011-2639	1	BIOPAPUA	CP3659	Arthropoda	Crangonidae	Crangonidae
IU-2011-3022	1	BIOPAPUA	DW3757	Arthropoda	Crangonidae	Aegaeon sp.
IU-2011-2851	1	BIOPAPUA	CP3739	Arthropoda	Crangonidae	Aegaeon sp.
IU-2011-940	1	BIOPAPUA	CP3654	Arthropoda	Crangonidae	Aegaeon sp.
IU-2011-1311	1	BIOPAPUA	CP3659	Arthropoda	Crangonidae	Crangonidae
IU-2011-2048	2	BIOPAPUA	CP3674	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-1364	4	BIOPAPUA	CP3722	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-2591	1	BIOPAPUA	CP3737	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-3795	2	BIOPAPUA	CP3724	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-2650	1	BIOPAPUA	CP3723	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-2637	1	BIOPAPUA	CP3731	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-1099	1	BIOPAPUA	DW3732	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-1189	1	BIOPAPUA	CP3632	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-2538	2	BIOPAPUA	DW3719	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-2293	1	BIOPAPUA	CP3761	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-1223	1	BIOPAPUA	CP3654	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-1113	1	BIOPAPUA	CP3744	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-2156	3	BIOPAPUA	DW3732	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-2927	2	BIOPAPUA	CP3759	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-1007	2	BIOPAPUA	CP3655	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-1009	1	BIOPAPUA	CP3653	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-943	4	BIOPAPUA	CP3736	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-1134	2	BIOPAPUA	CP3653	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-2859	1	BIOPAPUA	CP3676	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-1369	1	BIOPAPUA	CP3722	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-890	1	BIOPAPUA	DW3734	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-2082	1	BIOPAPUA	CP3669	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-3150	2	BIOPAPUA	DW3688	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-2905	1	BIOPAPUA	CP3762	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-2497	1	BIOPAPUA	CP3760	Arthropoda	Chirotylidae	Uroptychus sp.
IU-2011-1803	1	BIOPAPUA	CP3693	Arthropoda	Chirotylidae	Gastroptychus sp.
IU-2011-2780	1	BIOPAPUA	CP3762	Arthropoda	Chirotylidae	Gastroptychus sp.
IU-2011-2080	1	BIOPAPUA	CP3750	Arthropoda	Chirotylidae	Gastroptychus sp.
IU-2011-5183	2	BIOPAPUA	CP3701	Arthropoda	Alpheidae	Alpheus sp.
IU-2011-1406	2	BIOPAPUA	CP3669	Arthropoda	Goneplacidae	Psopheticus sp.
IU-2011-1459	3	BIOPAPUA	CP3670	Arthropoda	Goneplacidae	Psopheticus sp.
IU-2011-2199	1	BIOPAPUA	CP3741	Arthropoda	Goneplacidae	Carcinoplax sp.
IU-2011-1484	1	BIOPAPUA	CP3665	Arthropoda	Goneplacidae	Carcinoplax sp.
IU-2011-1469	1	BIOPAPUA	CP3670	Arthropoda	Goneplacidae	Carcinoplax sp.
IU-2011-2613	1	BIOPAPUA	CP3741	Arthropoda	Goneplacidae	Carcinoplax sp.
IU-2011-2001	1	BIOPAPUA	CP3742	Arthropoda	Goneplacidae	Carcinoplax sp.
IU-2011-2471	1	BIOPAPUA	CP3740	Arthropoda	Goneplacidae	Carcinoplax sp.
IU-2011-3068	3	BIOPAPUA	CP3750	Arthropoda	Goneplacidae	Carcinoplax sp.
IU-2011-2147	1	BIOPAPUA	CP3741	Arthropoda	Goneplacidae	Carcinoplax sp.
IU-2011-2865	1	BIOPAPUA	CP3739	Arthropoda	Goneplacidae	Goneplacidae
IU-2011-911	1	BIOPAPUA	CP370	Arthropoda	Goneplacidae	Goneplacidae
IU-2011-1179	1	BIOPAPUA	CP3730	Arthropoda	Goneplacidae	Goneplacidae
IU-2011-1173	1	BIOPAPUA	CP3630	Arthropoda	Goneplacidae	Goneplacidae
IU-2011-1510	1	BIOPAPUA	CP3656	Arthropoda	Mathildellidae	Mathildellidae
IU-2011-3400	2	BIOPAPUA	DW3757	Arthropoda	Goneplacidae	Goneplacidae
IU-2011-1080	1	BIOPAPUA	CP3629	Arthropoda	Euryplacidae	Eucrate sp.
IU-2011-937	1	BIOPAPUA	CP3744	Arthropoda	Trapeziidae	Goneplacoidea
IU-2011-1710	3	BIOPAPUA	DW3719	Arthropoda	Calocarcinus sp.	
IU-2011-3445	1	BIOPAPUA	CP3692	Arthropoda	Goneplacidae	Psopheticus sp.
IU-2011-2483	1	BIOPAPUA	CP3760	Arthropoda	Goneplacidae	Pycnoplax sp.
IU-2011-2038	1	BIOPAPUA	CP3631	Arthropoda	Glyphocrangonidae	Glyphocrangon sp.
IU-2011-2678	4	BIOPAPUA	CP3646	Arthropoda	Crangonidae	Crangonidae
IU-2011-5162	1	BIOPAPUA	CP3645	Arthropoda	Crangonidae	Parapontocaris levigata Chace, 1984
IU-2011-1558	4	BIOPAPUA	CP3633	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-2102	2	BIOPAPUA	CP3693	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-1786	2	BIOPAPUA	CP3707	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-1358	1	BIOPAPUA	CP3635	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-2174	2	BIOPAPUA	CP3710	Arthropoda	Crangonidae	Parapontocaris sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1092	1	BIOPAPUA	CP3635	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-2829	3	BIOPAPUA	CP3646	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-3816	3	BIOPAPUA	CP3645	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-2627	4	BIOPAPUA	CP3731	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-5184	2	BIOPAPUA	CP3705	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-949	23	BIOPAPUA	CP3653	Arthropoda	Gnathophausiidae	Gnathophausia sp.
IU-2011-2444	5	BIOPAPUA	CP3695	Arthropoda	Lophogastridae	Lophogastridae
IU-2011-2624	1	BIOPAPUA	CP3731	Arthropoda	Euphausiidae	Euphausiidae
IU-2011-1811	3	BIOPAPUA	CP3703	Arthropoda		Mysida
IU-2011-1872	1	BIOPAPUA	CP3704	Arthropoda		Mysida
IU-2011-3317	1	BIOPAPUA	DW3753	Arthropoda		Mysida
IU-2011-935	1	BIOPAPUA	CP3653	Arthropoda		Mysida
IU-2011-2885	1	BIOPAPUA	CP3692	Arthropoda		Mysida
IU-2011-1954	1	BIOPAPUA	CP3755	Arthropoda		Mysida
IU-2011-992	1	BIOPAPUA	DW3734	Arthropoda		Mysida
IU-2011-1293	1	BIOPAPUA	CP3736	Arthropoda		Mysida
IU-2011-2918	4	BIOPAPUA	DW3754	Arthropoda		Mysida
IU-2011-3235	1	BIOPAPUA	DW3687	Arthropoda		Mysida
IU-2011-1853	1	BIOPAPUA	CP3706	Arthropoda	Mysidae	Mysidae
IU-2011-1010	2	BIOPAPUA	CP3744	Arthropoda	Mysidae	Mysidae
IU-2011-2490	1	BIOPAPUA	CP3761	Arthropoda	Mysidae	Mysidae
IU-2011-1591	2	BIOPAPUA	CP3693	Arthropoda	Mysidae	Mysidae
IU-2011-2117	8	BIOPAPUA	DW3732	Arthropoda	Mysidae	Mysidae
IU-2011-3450	26	BIOPAPUA	CP3693	Arthropoda	Mysidae	Mysidae
IU-2011-1793	7	BIOPAPUA	CP3693	Arthropoda	Mysidae	Mysidae
IU-2011-2961	1	BIOPAPUA	DW3745	Arthropoda	Mysidae	Mysidae
IU-2011-3918	9	BIOPAPUA	CP3645	Arthropoda	Mysidae	Mysidae
IU-2011-3404	2	BIOPAPUA	CP3739	Arthropoda	Mysidae	Mysidae
IU-2011-3112	4	BIOPAPUA	CP3639	Arthropoda	Mysidae	Mysidae
IU-2011-3302	1	BIOPAPUA	CP3691	Arthropoda	Mysidae	Mysidae
IU-2011-2543	1	BIOPAPUA	CP3729	Arthropoda	Mysidae	Mysidae
IU-2011-2396	2	BIOPAPUA	CP3743	Arthropoda	Mysidae	Mysidae
IU-2011-2039	1	BIOPAPUA	CP3717	Arthropoda	Mysidae	Mysidae
IU-2011-3579	2	BIOPAPUA	CP3755	Arthropoda	Mysidae	Mysidae
IU-2011-2957	1	BIOPAPUA	DW3733	Arthropoda	Mysidae	Mysidae
IU-2011-2315	1	BIOPAPUA	CP3695	Arthropoda	Euryplacidae	Psopheticoides sp.
IU-2011-2668	1	BIOPAPUA	CP3762	Arthropoda	Chirostyliidae	Gastroptychus sp.
IU-2011-1229	1	BIOPAPUA	CP3700	Arthropoda	Pilumnidae	Rhizopinae
IU-2011-3155	1	BIOPAPUA	CP3689	Arthropoda	Euphausiidae	Euphausia sp.
IU-2011-3048	1	BIOPAPUA	CP3666	Arthropoda		Euphausiacea
IU-2011-2395	3	BIOPAPUA	DW3732	Arthropoda	Bathypalaemonellidae	Bathypalaemonella sp.
IU-2011-2964	1	BIOPAPUA	CP3667	Arthropoda	Bathypalaemonellidae	Bathypalaemonella sp.
IU-2011-2579	2	BIOPAPUA	DW3757	Arthropoda	Dromiidae	Dromiidae
IU-2011-2333	4	BIOPAPUA	CP3695	Arthropoda	Dromiidae	Dromiidae
IU-2011-3256	1	BIOPAPUA	CP3697	Arthropoda	Dromiidae	Epigodromia sp.
IU-2011-3577	1	BIOPAPUA	CP3703	Arthropoda		Megalopa sp.
IU-2011-2721	1	BIOPAPUA	CP3667	Arthropoda		Megalopa sp.
IU-2011-2968	1	BIOPAPUA	CP3682	Arthropoda		Megalopa sp.
IU-2011-2546	2	BIOPAPUA	CP3712	Arthropoda	Plagusiidae	Plagusiidae
IU-2011-2858	2	BIOPAPUA	CP3709	Arthropoda	Plagusiidae	Plagusiidae
IU-2011-2192	4	BIOPAPUA	CP3712	Arthropoda	Plagusiidae	Plagusiidae
IU-2011-2869	1	BIOPAPUA	CP3645	Arthropoda	Nephropidae	Metanephrops velutinus Chan & Yu, 1991
IU-2011-3289	1	BIOPAPUA	CP3712	Arthropoda	Varunidae	Varuna litterata (Fabricius, 1798)
IU-2011-1999	1	BIOPAPUA	CP3761	Arthropoda	Homolodromiidae	Homolodromiidae
IU-2011-932	2	BIOPAPUA	CP3744	Arthropoda	Homolodromiidae	Homolodromiidae
IU-2011-1232	1	BIOPAPUA	CP3669	Arthropoda	Homolodromiidae	Homolodromiidae
IU-2011-2600	1	BIOPAPUA	CP3724	Arthropoda	Homolodromiidae	Homolodromia sp.
IU-2011-3312	1	BIOPAPUA	CP3731	Arthropoda	Homolodromiidae	Homolodromia sp.
IU-2011-1984	6	BIOPAPUA	DW3719	Arthropoda	Eriphiidae	Globopilumnus sp.
IU-2011-2536	2	BIOPAPUA	CP3695	Arthropoda	Pilumnidae	Actumnus sp.
IU-2011-1495	1	BIOPAPUA	CP3665	Arthropoda	Pilumnidae	Typhlocarcinus sp.
IU-2011-2509	1	BIOPAPUA	CP3712	Arthropoda	Pilumnidae	Pilumnidae
IU-2011-3220	1	BIOPAPUA	DW3763	Arthropoda	Pilumnidae	Pilumnidae
IU-2011-2200	1	BIOPAPUA	DW3757	Arthropoda	Pilumnidae	Pilumnidae
IU-2011-1717	1	BIOPAPUA	DW3719	Arthropoda	Pilumnidae	Pilumnidae
IU-2011-1507	14	BIOPAPUA	CP3656	Arthropoda		Pilumnidea
IU-2011-2221	3	BIOPAPUA	DW3770	Arthropoda	Pilumnidae	Calmania sp.
IU-2011-2853	1	BIOPAPUA	DW3770	Arthropoda	Pilumnidae	Calmania sp.
IU-2011-5191	1	BIOPAPUA	CP3650	Arthropoda	Mysidae	Mysidae
IU-2011-1520	1	BIOPAPUA	CP3630	Arthropoda	Leucosiidae	Leucosidae
IU-2011-1368	1	BIOPAPUA	CP3665	Arthropoda	Leucosiidae	Parilia sp.
IU-2011-1073	1	BIOPAPUA	CP3635	Arthropoda	Leucosiidae	Leucosidae
IU-2011-1141	1	BIOPAPUA	CP3633	Arthropoda	Leucosiidae	Leucosidae
IU-2011-1525	1	BIOPAPUA	CP3635	Arthropoda	Leucosiidae	Leucosidae
IU-2011-936	1	BIOPAPUA	CP3629	Arthropoda	Leucosiidae	Leucosidae
IU-2011-1027	2	BIOPAPUA	CP3633	Arthropoda	Leucosiidae	Leucosidae
IU-2011-3334	1	BIOPAPUA	CP3656	Arthropoda	Leucosiidae	Leucosidae
IU-2011-3314	1	BIOPAPUA	CP3633	Arthropoda	Leucosiidae	Leucosidae
IU-2011-3524	1	BIOPAPUA	DW3745	Arthropoda	Leucosiidae	Leucosidae
IU-2011-2740	1	BIOPAPUA	CP3646	Arthropoda	Leucosiidae	Leucosidae
IU-2011-2694	2	BIOPAPUA	CP3691	Arthropoda	Leucosiidae	Leucosidae
IU-2011-3306	1	BIOPAPUA	CP3654	Arthropoda	Leucosiidae	Leucosidae
IU-2011-2847	2	BIOPAPUA	DW3766	Arthropoda	Leucosiidae	Leucosidae
IU-2011-2789	1	BIOPAPUA	CP3703	Arthropoda	Leucosiidae	Leucosidae
IU-2011-3318	21	BIOPAPUA	CP3657	Arthropoda	Axiidae	Axiidae
IU-2011-2273	1	BIOPAPUA	CP3674	Arthropoda	Axiidae	Axiidae
IU-2011-1896	2	BIOPAPUA	CP3693	Arthropoda	Axiidae	Axiidae
IU-2011-3176	2	BIOPAPUA	CP3666	Arthropoda	Axiidae	Axiidae
IU-2011-2011	1	BIOPAPUA	DW3719	Arthropoda	Axiidae	Axiidae
IU-2011-1234	1	BIOPAPUA	CP3736	Arthropoda	Axiidae	Axiidae
IU-2011-3073	1	BIOPAPUA	CP3679	Arthropoda	Axiidae	Axiidae
IU-2011-1828	1	BIOPAPUA	DW3732	Arthropoda	Axiidae	Axiidae
IU-2011-3246	1	BIOPAPUA	CP3657	Arthropoda	Axiidae	Axiidae
IU-2011-2466	2	BIOPAPUA	DW3770	Arthropoda	Axiidae	Axiidae
IU-2011-2462	1	BIOPAPUA	DW3770	Arthropoda	Axiidae	Calaxius sp.
IU-2011-3002	1	BIOPAPUA	CP3756	Arthropoda	Axiidae	Calaxius sp.
IU-2011-2626	1	BIOPAPUA	DW3767	Arthropoda	Axiidae	Calaxius sp.
IU-2011-2469	1	BIOPAPUA	CP3750	Arthropoda	Axiidae	Ambiaxius sp.
IU-2011-3114	2	BIOPAPUA	DW3763	Arthropoda	Axiidae	Axiopsis sp.
IU-2011-3472	1	BIOPAPUA	CP3693	Arthropoda	Axiidae	Eiconaxius sp.
IU-2011-2275	5	BIOPAPUA	DW3719	Arthropoda	Axiidae	Eiconaxius sp.
IU-2011-1826	2	BIOPAPUA	DW3732	Arthropoda	Axiidae	Eiconaxius sp.
IU-2011-3782	2	BIOPAPUA	CP3724	Arthropoda	Axiidae	Eiconaxius sp.
IU-2011-3143	1	BIOPAPUA	DW3757	Arthropoda	Axiidae	Bouvieraxius sp.
IU-2011-2468	2	BIOPAPUA	CP3695	Arthropoda	Axiidae	Bouvieraxius sp.
IU-2011-2623	1	BIOPAPUA	DW3770	Arthropoda	Axiidae	Spongjaxius sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1317	1	BIOPAPUA	CP3635	Arthropoda	Axiidae	<i>Spongiaxius</i> sp.
IU-2011-2785	4	BIOPAPUA	CP3659	Arthropoda	Sicyoniidae	Sicyoniidae
IU-2011-2580	2	BIOPAPUA	CP3695	Arthropoda	Scyllaridae	<i>Petractrus brevicornis</i> (Holthuis, 1946)
IU-2011-2204	4	BIOPAPUA	CP3722	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-3518	1	BIOPAPUA	CP3682	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-1785	1	BIOPAPUA	CP3676	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-1625	1	BIOPAPUA	CP3705	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-2083	1	BIOPAPUA	CP3713	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-2034	1	BIOPAPUA	CP3728	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-1578	1	BIOPAPUA	CP3778	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-3018	1	BIOPAPUA	DW3688	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-2587	1	BIOPAPUA	CP3737	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-2208	1	BIOPAPUA	CP3721	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-2335	1	BIOPAPUA	DW3720	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-1120	1	BIOPAPUA	CP3744	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-3915	1	BIOPAPUA	CP3645	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-3456	2	BIOPAPUA	CP3759	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-2465	2	BIOPAPUA	CP3695	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-1757	4	BIOPAPUA	DW3770	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-3036	3	BIOPAPUA	CP3759	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-1392	1	BIOPAPUA	CP3669	Arthropoda	Hexapodidae	<i>Hexapla</i> sp.
IU-2011-2640	2	BIOPAPUA	CP3691	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-980	14	BIOPAPUA	CP3654	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-2820	1	BIOPAPUA	CP3739	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-1704	6	BIOPAPUA	CP3728	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-2794	6	BIOPAPUA	CP3692	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-1723	1	BIOPAPUA	CP3729	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-987	1	BIOPAPUA	CP3655	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-1026	1	BIOPAPUA	CP3654	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-3343	1	BIOPAPUA	CP3739	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-993	1	BIOPAPUA	DW3734	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-3275	1	BIOPAPUA	CP3671	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-1527	5	BIOPAPUA	CP3635	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-2149	3	BIOPAPUA	CP3741	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-999	7	BIOPAPUA	CP3670	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-2158	6	BIOPAPUA	CP3707	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-2425	10	BIOPAPUA	CP3743	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-1066	7	BIOPAPUA	CP3635	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-1168	3	BIOPAPUA	CP3739	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-3386	4	BIOPAPUA	CP3646	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-1461	3	BIOPAPUA	CP3669	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-3519	7	BIOPAPUA	CP3708	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-2251	22	BIOPAPUA	CP3740	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-2951	2	BIOPAPUA	CP3692	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-873	2	BIOPAPUA	CP3659	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-2089	1	BIOPAPUA	CP3721	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-1413	1	BIOPAPUA	CP3780	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-3268	1	BIOPAPUA	CP3659	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-3292	1	BIOPAPUA	DW3733	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-2802	2	BIOPAPUA	CP3646	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-3429	1	BIOPAPUA	CP3645	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-2921	1	BIOPAPUA	CP3692	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-2944	3	BIOPAPUA	DW3754	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-907	1	BIOPAPUA	CP3647	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-1003	1	BIOPAPUA	DW3734	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-3359	2	BIOPAPUA	CP3739	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-2328	2	BIOPAPUA	CP3714	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-2506	2	BIOPAPUA	CP3681	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-1960	1	BIOPAPUA	CP3742	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-2960	1	BIOPAPUA	CP3759	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-2008	1	BIOPAPUA	CP3707	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-2888	2	BIOPAPUA	CP3739	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-1272	1	BIOPAPUA	DW3641	Arthropoda	Majidae	Majidae
IU-2011-2018	1	BIOPAPUA	CP3742	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-2144	1	BIOPAPUA	CP3741	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-1815	3	BIOPAPUA	CP3742	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-3293	1	BIOPAPUA	CP3690	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-1286	2	BIOPAPUA	DW3734	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-1405	2	BIOPAPUA	CP3669	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-3273	1	BIOPAPUA	CP3714	Arthropoda	Epiplatidae	Epiplatidae
IU-2011-965	2	BIOPAPUA	CP3655	Arthropoda	Epiplatidae	<i>Rochinia</i> sp.
IU-2011-1472	5	BIOPAPUA	CP3669	Arthropoda	Epiplatidae	<i>Naxioides</i> sp.
IU-2011-2582	1	BIOPAPUA	CP3631	Arthropoda	Epiplatidae	<i>Oxyleurodon</i> sp.
IU-2011-1584	1	BIOPAPUA	CP3774	Arthropoda	Epiplatidae	<i>Goniopugettia</i> sp.
IU-2011-2763	13	BIOPAPUA	CP3693	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2155	19	BIOPAPUA	CP3702	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2276	5	BIOPAPUA	CP3702	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2563	3	BIOPAPUA	DW3748	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-3547	2	BIOPAPUA	CP3708	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-1133	1	BIOPAPUA	CP3630	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2745	4	BIOPAPUA	CP3693	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-1081	1	BIOPAPUA	CP3629	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-3439	5	BIOPAPUA	CP3692	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2529	2	BIOPAPUA	DW3748	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-1429	1	BIOPAPUA	CP3629	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-1833	1	BIOPAPUA	CP3703	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2751	1	BIOPAPUA	CP3693	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-914	2	BIOPAPUA	CP3655	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2098	1	BIOPAPUA	CP3669	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2299	3	BIOPAPUA	CP3760	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-3460	1	BIOPAPUA	CP3692	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2478	1	BIOPAPUA	CP3682	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2531	2	BIOPAPUA	DW3732	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2209	4	BIOPAPUA	CP3693	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2134	7	BIOPAPUA	DW3770	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-1174	1	BIOPAPUA	DW3732	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-1505	1	BIOPAPUA	CP3665	Arthropoda	Leucosiidae	<i>Arcania</i> sp.
IU-2011-2280	1	BIOPAPUA	CP3695	Arthropoda	Leucosiidae	<i>Nursilia</i> sp.
IU-2011-2710	1	BIOPAPUA	CP3695	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-1381	1	BIOPAPUA	CP3629	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2481	1	BIOPAPUA	CP3681	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2282	3	BIOPAPUA	CP3693	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2708	1	BIOPAPUA	CP3762	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-2107	4	BIOPAPUA	CP3693	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-3028	1	BIOPAPUA	DW3745	Arthropoda	Leucosiidae	<i>Randallia</i> sp.
IU-2011-2895	1	BIOPAPUA	DW3745	Arthropoda	Leucosiidae	<i>Ebalia</i> sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-2558	2	BIOPAPUA	CP3695	Arthropoda	Leucosiidae	Ebalia sp.
IU-2011-5193	1	BIOPAPUA	DW3757	Arthropoda	Sicyonidae	Sicyonia sp.
IU-2011-1132	2	BIOPAPUA	CP3744	Arthropoda	Psalidopodidae	Psalidopus huxleyi Wood-Mason & Alcock, 1892
IU-2011-2312	2	BIOPAPUA	CP3718	Arthropoda	Pasiphaeidae	Glypus sp.
IU-2011-1428	1	BIOPAPUA	CP3744	Arthropoda	Hippolytidae	Lebbeus sp.
IU-2011-3800	1	BIOPAPUA	CP3690	Arthropoda	Hippolytidae	Lebbeus sp.
IU-2011-3057	1	BIOPAPUA	CP3703	Arthropoda	Hippolytidae	Lebbeus sp.
IU-2011-1250	1	BIOPAPUA	CP3632	Arthropoda	Hippolytidae	Lebbeus sp.
IU-2011-3067	1	BIOPAPUA	CP3632	Arthropoda	Hippolytidae	Lebbeus sp.
IU-2011-3113	1	BIOPAPUA	CP3689	Arthropoda	Hippolytidae	Lebbeus sp.
IU-2011-1660	1	BIOPAPUA	CP3717	Arthropoda	Hippolytidae	Lebbeus sp.
IU-2011-1867	2	BIOPAPUA	CP3704	Arthropoda	Hippolytidae	Lebbeus sp.
IU-2011-1866	2	BIOPAPUA	CP3779	Arthropoda	Hippolytidae	Lebbeus sp.
IU-2011-3251	2	BIOPAPUA	CP3646	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3131	1	BIOPAPUA	CP3711	Arthropoda	Pinnotheridae	Pinnotheridae
IU-2011-2330	1	BIOPAPUA	CP3695	Arthropoda	Pinnotheridae	Pinnotheridae
IU-2011-1909	1	BIOPAPUA	CP3711	Arthropoda	Pinnotheridae	Pinnotheridae
IU-2011-3581	1	BIOPAPUA	CP3691	Arthropoda	Pinnotheridae	Pinnotheridae
IU-2011-1924	1	BIOPAPUA	CP3711	Arthropoda	Cyclodorippidae	Tymolus sp.
IU-2011-1761	1	BIOPAPUA	CP3728	Arthropoda	Cyclodorippidae	Tymolus sp.
IU-2011-3635	1	BIOPAPUA	CP3672	Arthropoda	Cyclodorippidae	Tymolus sp.
IU-2011-1581	1	BIOPAPUA	CP3774	Arthropoda	Cyclodorippidae	Tymolus sp.
IU-2011-3208	33	BIOPAPUA	CP3681	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-2385	3	BIOPAPUA	CP3721	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-1818	3	BIOPAPUA	CP3740	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-2060	1	BIOPAPUA	CP3755	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-1055	2	BIOPAPUA	CP3736	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-942	1	BIOPAPUA	CP3653	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-2496	3	BIOPAPUA	CP3760	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-2419	2	BIOPAPUA	CP3737	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-3303	4	BIOPAPUA	CP3653	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-1711	1	BIOPAPUA	CP3729	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-3242	1	BIOPAPUA	CP3736	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-3280	3	BIOPAPUA	CP3697	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-2597	1	BIOPAPUA	DW3770	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-2310	13	BIOPAPUA	CP3695	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-3381	1	BIOPAPUA	CP3739	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-3012	1	BIOPAPUA	CP3760	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-2970	10	BIOPAPUA	CP3682	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-2031	3	BIOPAPUA	CP3729	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-3257	2	BIOPAPUA	DW3680	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-3214	1	BIOPAPUA	CP3691	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-1669	1	BIOPAPUA	CP3677	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-1546	1	BIOPAPUA	CP3780	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-2952	1	BIOPAPUA	CP3674	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-1087	1	BIOPAPUA	CP3638	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-2603	2	BIOPAPUA	CP3724	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-2227	13	BIOPAPUA	CP3761	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-1249	2	BIOPAPUA	CP3651	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-5185	4	BIOPAPUA	CP3650	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-1202	1	BIOPAPUA	CP3744	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-2946	2	BIOPAPUA	CP3762	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-2309	3	BIOPAPUA	CP3716	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-5186	6	BIOPAPUA	CP3750	Arthropoda	Goneplacidae	Carcinoplax sp.
IU-2011-3232	1	BIOPAPUA	DW3668	Arthropoda	Goneplacidae	Psopheticus sp.
IU-2011-2850	3	BIOPAPUA	DW3771	Arthropoda	Goneplacidae	Goneplacidae
IU-2011-2814	1	BIOPAPUA	CP3703	Arthropoda	Goneplacidae	Goneplacidae
IU-2011-1063	1	BIOPAPUA	CP3635	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-2365	1	BIOPAPUA	CP3729	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-2458	2	BIOPAPUA	CP3639	Arthropoda	Diogenidae	Pseudopaguristes sp.
IU-2011-2447	2	BIOPAPUA	CP3693	Arthropoda	Diogenidae	Paguropsis typica Henderson, 1888
IU-2011-1557	1	BIOPAPUA	CP3633	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-3025	3	BIOPAPUA	DW3752	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-2920	1	BIOPAPUA	DW3748	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-2403	1	BIOPAPUA	CP3774	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-1787	8	BIOPAPUA	CP3693	Arthropoda	Diogenidae	Paguropsis sp.
IU-2011-2983	2	BIOPAPUA	DW3745	Arthropoda	Diogenidae	Areopaguristes sp.
IU-2011-3026	9	BIOPAPUA	DW3745	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-1041	3	BIOPAPUA	DW3732	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-3607	4	BIOPAPUA	DW3748	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-1753	1	BIOPAPUA	CP3728	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-2653	20	BIOPAPUA	CP3693	Arthropoda	Diogenidae	Paguropsis typica Henderson, 1888
IU-2011-2323	1	BIOPAPUA	CP3713	Arthropoda	Atelecyclidae	Atelecyclidae
IU-2011-1905	1	BIOPAPUA	CP3713	Arthropoda	Atelecyclidae	Atelecyclidae
IU-2011-2742	1	BIOPAPUA	CP3689	Arthropoda	Atelecyclidae	Atelecyclidae
IU-2011-2185	4	BIOPAPUA	CP3703	Arthropoda	Trichopeltaridae	Trichopeltarion sp.
IU-2011-1545	1	BIOPAPUA	CP3639	Arthropoda	Sergestidae	Sergia sp.
IU-2011-3562	1	BIOPAPUA	CP3674	Arthropoda	Sergestidae	Sergestidae
IU-2011-1354	1	BIOPAPUA	CP3722	Arthropoda	Sergestidae	Sergestidae
IU-2011-2524	1	BIOPAPUA	CP3672	Arthropoda	Sergestidae	Sergestidae
IU-2011-2254	1	BIOPAPUA	CP3672	Arthropoda	Sergestidae	Sergestidae
IU-2011-2417	1	BIOPAPUA	DW3749	Arthropoda	Sergestidae	Sergestidae
IU-2011-3505	1	BIOPAPUA	CP3747	Arthropoda	Sergestidae	Sergestidae
IU-2011-3168	1	BIOPAPUA	CP3731	Arthropoda	Sergestidae	Sergestidae
IU-2011-2097	1	BIOPAPUA	CP3774	Arthropoda	Sergestidae	Sergestidae
IU-2011-3255	1	BIOPAPUA	CP3739	Arthropoda	Sergestidae	Sergestidae
IU-2011-1190	1	BIOPAPUA	CP3715	Arthropoda	Sergestidae	Sergestidae
IU-2011-1014	1	BIOPAPUA	CP3714	Arthropoda	Sergestidae	Sergestidae
IU-2011-1151	1	BIOPAPUA	CP3653	Arthropoda	Sergestidae	Sergestidae
IU-2011-2384	1	BIOPAPUA	CP3750	Arthropoda	Sergestidae	Sergestidae
IU-2011-2074	1	BIOPAPUA	CP3677	Arthropoda	Sergestidae	Sergestidae
IU-2011-1939	1	BIOPAPUA	CP3676	Arthropoda	Sergestidae	Sergestidae
IU-2011-1307	2	BIOPAPUA	CP3651	Arthropoda	Sergestidae	Sergestidae
IU-2011-3560	2	BIOPAPUA	CP3750	Arthropoda	Sergestidae	Sergestidae
IU-2011-3349	1	BIOPAPUA	CP3690	Arthropoda	Sergestidae	Sergestidae
IU-2011-2917	4	BIOPAPUA	CP3689	Arthropoda	Sergestidae	Sergestidae
IU-2011-3803	1	BIOPAPUA	CP3690	Arthropoda	Sergestidae	Sergestidae
IU-2011-2119	1	BIOPAPUA	CP3729	Arthropoda	Sergestidae	Sergestidae
IU-2011-1315	1	BIOPAPUA	CP3743	Arthropoda	Sergestidae	Sergestidae
IU-2011-2114	2	BIOPAPUA	CP3716	Arthropoda	Sergestidae	Sergestidae
IU-2011-1075	5	BIOPAPUA	CP3653	Arthropoda	Sergestidae	Sergestidae
IU-2011-1846	5	BIOPAPUA	CP3713	Arthropoda	Sergestidae	Sergestidae
IU-2011-1600	3	BIOPAPUA	CP3650	Arthropoda	Sergestidae	Sergestidae
IU-2011-1804	2	BIOPAPUA	CP3715	Arthropoda	Sergestidae	Sergestidae
IU-2011-3461	5	BIOPAPUA	CP3664	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-1842	3	BIOPAPUA	CP3701	Arthropoda	Chasmocarcinidae	Chasmocarcinidae

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-2176	22	BIOPAPUA	CP3710	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-1504	15	BIOPAPUA	CP3635	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-1404	8	BIOPAPUA	CP3634	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-2044	4	BIOPAPUA	CP3711	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-1523	1	BIOPAPUA	CP3630	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-2421	1	BIOPAPUA	CP3702	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-1419	4	BIOPAPUA	CP3629	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-1528	4	BIOPAPUA	CP3665	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-3265	1	BIOPAPUA	CP3666	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-3307	1	BIOPAPUA	CP3689	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-2590	1	BIOPAPUA	CP3695	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-2030	3	BIOPAPUA	CP3711	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-954	1	BIOPAPUA	CP3629	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-2291	1	BIOPAPUA	CP3710	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-1166	1	BIOPAPUA	CP3666	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-2522	1	BIOPAPUA	CP3729	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-5195	1	BIOPAPUA	DW3765	Arthropoda	Sergestidae	Sergestidae
IU-2011-5196	2	BIOPAPUA	DW3771	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-2619	3	BIOPAPUA	CP3739	Arthropoda	Stylopactylidae	Parastylopactylus sp.
IU-2011-3340	1	BIOPAPUA	CP3690	Arthropoda	Sicyoniidae	Sicyonia sp.
IU-2011-1927	1	BIOPAPUA	CP3692	Arthropoda	Sicyoniidae	Sicyonia sp.
IU-2011-1319	1	BIOPAPUA	CP3714	Arthropoda	Stylopactylidae	Stylopactylus sp.
IU-2011-5197	1	BIOPAPUA	CP3718	Arthropoda	Stylopactylidae	Stylopactylus sp.
IU-2011-2128	2	BIOPAPUA	CP3741	Arthropoda	Stylopactylidae	Stylopactylus sp.
IU-2011-3034	2	BIOPAPUA	CP3709	Arthropoda	Stylopactylidae	Stylopactylus sp.
IU-2011-3148	1	BIOPAPUA	CP3737	Arthropoda	Stylopactylidae	Stylopactylus sp.
IU-2011-1739	1	BIOPAPUA	CP3722	Arthropoda	Stylopactylidae	Stylopactylus sp.
IU-2011-3488	1	BIOPAPUA	CP3759	Arthropoda	Stylopactylidae	Stylopactylus sp.
IU-2011-3434	2	BIOPAPUA	DW3781	Arthropoda	Stylopactylidae	Stylopactylus sp.
IU-2011-1801	7	BIOPAPUA	CP3693	Arthropoda	Stylopactylidae	Stylopactylus sp.
IU-2011-1054	1	BIOPAPUA	CP3736	Arthropoda	Stylopactylidae	Stylopactylus sp.
IU-2011-3507	1	BIOPAPUA	CP3760	Arthropoda	Stylopactylidae	Stylopactylus sp.
IU-2011-1366	1	BIOPAPUA	CP3669	Arthropoda	Stylopactylidae	Parastylopactylus sp.
IU-2011-2500	8	BIOPAPUA	CP3759	Arthropoda	Stylopactylidae	Stylopactylidae
IU-2011-2167	2	BIOPAPUA	CP3737	Arthropoda	Stylopactylidae	Stylopactylidae
IU-2011-1435	1	BIOPAPUA	CP3669	Arthropoda	Stylopactylidae	Stylopactylidae
IU-2011-1619	5	BIOPAPUA	CP3693	Arthropoda	Stylopactylidae	Stylopactylidae
IU-2011-1781	5	BIOPAPUA	CP3693	Arthropoda	Stylopactylidae	Stylopactylidae
IU-2011-1943	8	BIOPAPUA	DW3770	Arthropoda	Stylopactylidae	Stylopactylidae
IU-2011-2173	3	BIOPAPUA	CP3742	Arthropoda	Stylopactylidae	Stylopactylidae
IU-2011-2103	1	BIOPAPUA	CP3693	Arthropoda	Stylopactylidae	Stylopactylidae
IU-2011-1991	1	BIOPAPUA	CP3722	Arthropoda	Stylopactylidae	Stylopactylidae
IU-2011-1033	1	BIOPAPUA	CP3655	Arthropoda	Stylopactylidae	Stylopactylidae
IU-2011-2467	1	BIOPAPUA	CP3740	Arthropoda	Stylopactylidae	Stylopactylidae
IU-2011-3062	1	BIOPAPUA	DW3683	Arthropoda	Homolidae	Homola sp.
IU-2011-1119	1	BIOPAPUA	CP3657	Arthropoda	Homolidae	Lamoha sp.
IU-2011-2274	1	BIOPAPUA	DW3719	Arthropoda	Homolidae	Lamoha sp.
IU-2011-3451	1	BIOPAPUA	CP3691	Arthropoda	Homolidae	Homolidae
IU-2011-948	1	BIOPAPUA	CP3629	Arthropoda	Homolidae	Homolidae
IU-2011-1743	1	BIOPAPUA	CP3709	Arthropoda	Homolidae	Homolidae
IU-2011-2714	1	BIOPAPUA	CP3682	Arthropoda	Homolidae	Homolidae
IU-2011-1706	3	BIOPAPUA	DW3719	Arthropoda	Homolidae	Homolidae
IU-2011-3378	1	BIOPAPUA	DW3680	Arthropoda	Homolidae	Homolidae
IU-2011-2732	1	BIOPAPUA	CP3686	Arthropoda	Homolidae	Homolidae
IU-2011-1252	1	BIOPAPUA	CP3671	Arthropoda	Homolidae	Homolidae
IU-2011-1722	1	BIOPAPUA	CP3729	Arthropoda	Homolidae	Homolidae
IU-2011-2418	1	BIOPAPUA	CP3750	Arthropoda	Homolidae	Homolidae
IU-2011-1481	1	BIOPAPUA	CP3669	Arthropoda	Homolidae	Homolidae
IU-2011-2796	1	BIOPAPUA	CP3681	Arthropoda	Homolidae	Homolidae
IU-2011-2290	2	BIOPAPUA	CP3737	Arthropoda	Homolidae	Homolidae
IU-2011-2555	4	BIOPAPUA	CP3693	Arthropoda	Homolidae	Homolidae
IU-2011-2712	2	BIOPAPUA	CP3762	Arthropoda	Homolidae	Homolidae
IU-2011-1994	1	BIOPAPUA	CP3707	Arthropoda	Homolidae	Homolidae
IU-2011-2887	2	BIOPAPUA	CP3692	Arthropoda	Homolidae	Homolidae
IU-2011-2775	2	BIOPAPUA	CP3693	Arthropoda	Homolidae	Homolidae
IU-2011-2094	2	BIOPAPUA	DW3732	Arthropoda	Homolidae	Homolidae
IU-2011-1129	1	BIOPAPUA	DW3732	Arthropoda	Homolidae	Homolidae
IU-2011-1838	1	BIOPAPUA	DW3732	Arthropoda	Homolidae	Homolidae
IU-2011-1719	1	BIOPAPUA	DW3719	Arthropoda	Homolidae	Homolidae
IU-2011-2608	3	BIOPAPUA	CP3695	Arthropoda	Homolidae	Latreillopsis sp.
IU-2011-2326	1	BIOPAPUA	CP3695	Arthropoda	Majidae	Maja sp.
IU-2011-889	1	BIOPAPUA	CP3654	Arthropoda	Epiatidae	Hyastenus sp.
IU-2011-1220	1	BIOPAPUA	DW3668	Arthropoda	Inachidae	Cyrtomaia sp.
IU-2011-2476	1	BIOPAPUA	CP3669	Arthropoda	Inachidae	Pleistacantha sp.
IU-2011-1764	1	BIOPAPUA	CP3693	Arthropoda	Inachidae	Inachidae
IU-2011-3380	1	BIOPAPUA	CP3671	Arthropoda	Majidae	Majidae
IU-2011-1895	1	BIOPAPUA	CP3693	Arthropoda	Majidae	Majidae
IU-2011-2581	4	BIOPAPUA	CP3740	Arthropoda	Majidae	Majidae
IU-2011-3315	1	BIOPAPUA	CP3671	Arthropoda	Majidae	Majidae
IU-2011-1526	1	BIOPAPUA	CP3635	Arthropoda	Majidae	Majidae
IU-2011-2400	1	BIOPAPUA	DW3719	Arthropoda	Majidae	Majidae
IU-2011-1175	1	BIOPAPUA	CP3630	Arthropoda	Majidae	Majidae
IU-2011-2294	2	BIOPAPUA	CP3721	Arthropoda	Majidae	Majidae
IU-2011-1996	1	BIOPAPUA	CP3721	Arthropoda	Majidae	Majidae
IU-2011-1473	1	BIOPAPUA	CP3670	Arthropoda	Majidae	Majidae
IU-2011-1715	1	BIOPAPUA	CP3729	Arthropoda	Majidae	Majidae
IU-2011-3194	1	BIOPAPUA	NO DATA	Arthropoda	Majidae	Majidae
IU-2011-2341	1	BIOPAPUA	CP3721	Arthropoda	Majidae	Majidae
IU-2011-2889	1	BIOPAPUA	CP3709	Arthropoda	Majidae	Majidae
IU-2011-2761	1	BIOPAPUA	CP3693	Arthropoda	Majidae	Majidae
IU-2011-2111	1	BIOPAPUA	DW3732	Arthropoda	Majidae	Majidae
IU-2011-967	1	BIOPAPUA	CP3670	Arthropoda	Majidae	Majidae
IU-2011-2704	1	BIOPAPUA	CP3645	Arthropoda	Majidae	Majidae
IU-2011-2203	1	BIOPAPUA	CP3672	Arthropoda	Majidae	Majidae
IU-2011-2556	2	BIOPAPUA	CP3761	Arthropoda	Majidae	Majidae
IU-2011-3119	2	BIOPAPUA	CP3690	Arthropoda	Majidae	Majidae
IU-2011-3529	2	BIOPAPUA	CP3708	Arthropoda	Majidae	Majidae
IU-2011-931	2	BIOPAPUA	CP3744	Arthropoda		Majoidea
IU-2011-904	2	BIOPAPUA	DW3734	Arthropoda		Inachidae
IU-2011-946	2	BIOPAPUA	DW3668	Arthropoda		Majoidea
IU-2011-947	2	BIOPAPUA	CP3744	Arthropoda		Majoidea
IU-2011-2320	1	BIOPAPUA	CP3741	Arthropoda		Majoidea
IU-2011-2924	3	BIOPAPUA	CP3692	Arthropoda		Majoidea
IU-2011-2319	2	BIOPAPUA	CP3695	Arthropoda		Parathranites sp.
IU-2011-1880	1	BIOPAPUA	CP3693	Arthropoda		Raninidae
IU-2011-1988	22	BIOPAPUA	CP3702	Arthropoda		Raninidae

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-899	13	BIOPAPUA	CP3664	Arthropoda	Raninidae	Raninidae
IU-2011-1412	5	BIOPAPUA	CP3629	Arthropoda	Raninidae	Raninidae
IU-2011-1460	13	BIOPAPUA	CP3665	Arthropoda	Raninidae	Raninidae
IU-2011-3278	5	BIOPAPUA	CP3700	Arthropoda	Raninidae	Raninidae
IU-2011-995	3	BIOPAPUA	CP3629	Arthropoda	Raninidae	Raninidae
IU-2011-1518	3	BIOPAPUA	CP3630	Arthropoda	Raninidae	Raninidae
IU-2011-1556	4	BIOPAPUA	CP3634	Arthropoda	Raninidae	Raninidae
IU-2011-1395	3	BIOPAPUA	CP3637	Arthropoda	Raninidae	Raninidae
IU-2011-1689	1	BIOPAPUA	CP3728	Arthropoda	Raninidae	Raninidae
IU-2011-2754	1	BIOPAPUA	CP3693	Arthropoda	Raninidae	Raninidae
IU-2011-1499	1	BIOPAPUA	CP3635	Arthropoda	Raninidae	Raninidae
IU-2011-2930	1	BIOPAPUA	CP3759	Arthropoda	Raninidae	Raninidae
IU-2011-1946	1	BIOPAPUA	CP3693	Arthropoda	Raninidae	Raninidae
IU-2011-1185	1	BIOPAPUA	CP3633	Arthropoda	Raninidae	Raninidae
IU-2011-1814	1	BIOPAPUA	CP3703	Arthropoda	Raninidae	Raninidae
IU-2011-2183	1	BIOPAPUA	CP3631	Arthropoda	Raninidae	Raninidae
IU-2011-1654	1	BIOPAPUA	CP3701	Arthropoda	Raninidae	Raninidae
IU-2011-3590	1	BIOPAPUA	CP3658	Arthropoda	Raninidae	Raninidae
IU-2011-2005	1	BIOPAPUA	CP3631	Arthropoda	Raninidae	Raninidae
IU-2011-2162	1	BIOPAPUA	CP3707	Arthropoda	Raninidae	Raninidae
IU-2011-2577	1	BIOPAPUA	CP3695	Arthropoda	Raninidae	Raninidae
IU-2011-2716	1	BIOPAPUA	CP3703	Arthropoda	Raninidae	Raninidae
IU-2011-1142	2	BIOPAPUA	CP3666	Arthropoda	Raninidae	Raninidae
IU-2011-1712	2	BIOPAPUA	CP3759	Arthropoda	Raninidae	Raninidae
IU-2011-2432	1	BIOPAPUA	CP3695	Arthropoda	Portunidae	Charybdis sp.
IU-2011-1457	11	BIOPAPUA	CP3634	Arthropoda	Portunidae	Charybdis sp.
IU-2011-3092	1	BIOPAPUA	DW3768	Arthropoda	Portunidae	Portunidae
IU-2011-3195	1	BIOPAPUA	CP3703	Arthropoda	Portunidae	Portunidae
IU-2011-2286	1	BIOPAPUA	DW3732	Arthropoda	Portunidae	Portunidae
IU-2011-2378	1	BIOPAPUA	CP3712	Arthropoda	Portunidae	Portunidae
IU-2011-970	1	BIOPAPUA	CP3629	Arthropoda	Portunidae	Portunidae
IU-2011-1076	1	BIOPAPUA	CP3635	Arthropoda	Portunidae	Portunidae
IU-2011-2463	1	BIOPAPUA	CP3712	Arthropoda	Portunidae	Portunidae
IU-2011-3249	1	BIOPAPUA	CP3656	Arthropoda	Portunidae	Portunidae
IU-2011-1966	1	BIOPAPUA	CP3693	Arthropoda	Portunidae	Portunidae
IU-2011-2570	1	BIOPAPUA	CP3702	Arthropoda	Portunidae	Portunidae
IU-2011-1976	1	BIOPAPUA	CP3693	Arthropoda	Portunidae	Portunidae
IU-2011-1519	4	BIOPAPUA	CP3630	Arthropoda	Portunidae	Portunidae
IU-2011-994	21	BIOPAPUA	CP3629	Arthropoda	Portunidae	Portunidae
IU-2011-2585	6	BIOPAPUA	CP3658	Arthropoda	Portunidae	Portunidae
IU-2011-1540	6	BIOPAPUA	CP3635	Arthropoda	Portunidae	Portunidae
IU-2011-3401	7	BIOPAPUA	DW3757	Arthropoda	Portunidae	Portunidae
IU-2011-2133	2	BIOPAPUA	CP3702	Arthropoda	Portunidae	Portunidae
IU-2011-2159	3	BIOPAPUA	CP3702	Arthropoda	Portunidae	Portunidae
IU-2011-2165	1	BIOPAPUA	CP3742	Arthropoda	Portunidae	Ovalipes sp.
IU-2011-1447	5	BIOPAPUA	CP3679	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-2986	4	BIOPAPUA	CP3691	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-1448	5	BIOPAPUA	CP3667	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-1778	36	BIOPAPUA	CP3736	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-1908	13	BIOPAPUA	CP3736	Arthropoda	Pandalidae	Plesionika alcocki (Anderson, 1896)
IU-2011-2435	5	BIOPAPUA	CP3740	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-2470	9	BIOPAPUA	CP3742	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-2303	5	BIOPAPUA	CP3742	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-1387	3	BIOPAPUA	CP3669	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-3120	11	BIOPAPUA	DW3748	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-1697	4	BIOPAPUA	CP3743	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2433	3	BIOPAPUA	CP3742	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-1432	2	BIOPAPUA	CP3659	Arthropoda	Pandalidae	Heterocarpus corona Yang, Chan & Chu, 2010
IU-2011-1345	3	BIOPAPUA	CP3633	Arthropoda	Pandalidae	Heterocarpus corona Yang, Chan & Chu, 2010
IU-2011-1422	2	BIOPAPUA	CP3659	Arthropoda	Pandalidae	Heterocarpus corona Yang, Chan & Chu, 2010
IU-2011-2401	4	BIOPAPUA	CP3740	Arthropoda	Pandalidae	Heterocarpus corona Yang, Chan & Chu, 2010
IU-2011-5187	3	BIOPAPUA	CP3774	Arthropoda	Pandalidae	Heterocarpus corona Yang, Chan & Chu, 2010
IU-2011-1788	1	BIOPAPUA	CP3693	Arthropoda	Pandalidae	Heterocarpus parvispina de Man, 1917
IU-2011-2423	8	BIOPAPUA	CP3740	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-1371	7	BIOPAPUA	CP3657	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2429	5	BIOPAPUA	CP3740	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-1436	4	BIOPAPUA	CP3669	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-1338	5	BIOPAPUA	CP3633	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-2362	2	BIOPAPUA	CP3774	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-2004	1	BIOPAPUA	CP3741	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-2000	2	BIOPAPUA	CP3741	Arthropoda	Pandalidae	Heterocarpus laevigatus Bate, 1888
IU-2011-2373	5	BIOPAPUA	CP3750	Arthropoda	Pandalidae	Heterocarpus laevigatus Bate, 1888
IU-2011-2236	1	BIOPAPUA	CP3714	Arthropoda	Pandalidae	Heterocarpus laevigatus Bate, 1888
IU-2011-1766	3	BIOPAPUA	CP3717	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-3537	2	BIOPAPUA	CP3750	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-1184	6	BIOPAPUA	CP3666	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-1890	5	BIOPAPUA	CP3637	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-1836	3	BIOPAPUA	CP3667	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-1446	9	BIOPAPUA	CP3679	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-2552	1	BIOPAPUA	CP3716	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-2151	2	BIOPAPUA	CP3631	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-3523	1	BIOPAPUA	CP3666	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-2919	3	BIOPAPUA	DW3751	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-5188	6	BIOPAPUA	CP3760	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-1734	8	BIOPAPUA	CP3755	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-3540	2	BIOPAPUA	CP3750	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-1165	1	BIOPAPUA	CP3714	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-3544	1	BIOPAPUA	CP3747	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2929	1	BIOPAPUA	DW3754	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-1248	1	BIOPAPUA	DW3641	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-1631	1	BIOPAPUA	CP3650	Arthropoda	Pandalidae	Heterocarpus laevigatus Bate, 1888
IU-2011-1298	1	BIOPAPUA	CP3656	Arthropoda	Pandalidae	Heterocarpus parvispina de Man, 1917
IU-2011-1337	2	BIOPAPUA	CP3657	Arthropoda	Pandalidae	Heterocarpus parvispina de Man, 1917
IU-2011-2559	2	BIOPAPUA	CP3755	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-3545	1	BIOPAPUA	CP3750	Arthropoda	Pandalidae	Heterocarpus laevigatus Bate, 1888
IU-2011-1327	1	BIOPAPUA	CP3778	Arthropoda	Pandalidae	Heterocarpus laevigatus Bate, 1888
IU-2011-3425	2	BIOPAPUA	CP3707	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-1433	6	BIOPAPUA	CP3659	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2589	13	BIOPAPUA	CP3774	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-3115	16	BIOPAPUA	CP3681	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-1998	40	BIOPAPUA	CP3741	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-2507	5	BIOPAPUA	CP3759	Arthropoda	Pandalidae	Heterocarpus sp.
IU-2011-3576	7	BIOPAPUA	CP3747	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2883	3	BIOPAPUA	DW3687	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2179	5	BIOPAPUA	CP3755	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-1732	1	BIOPAPUA	CP3750	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-5189	7	BIOPAPUA	CP3760	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-2537	11	BIOPAPUA	CP3761	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-3462	4	BIOPAPUA	CP3682	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-2123	4	BIOPAPUA	CP3689	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-3187	10	BIOPAPUA	CP3762	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-1020	6	BIOPAPUA	CP3677	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-1928	3	BIOPAPUA	DW3777	Arthropoda	Pandalidae	Heterocarpus longirostris MacGilchrist, 1905
IU-2011-1336	3	BIOPAPUA	CP3633	Arthropoda	Pandalidae	Heterocarpus longirostris MacGilchrist, 1905
IU-2011-3483	5	BIOPAPUA	CP3682	Arthropoda	Pandalidae	Heterocarpus lepidus de Man, 1917
IU-2011-3521	18	BIOPAPUA	CP3707	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-1975	4	BIOPAPUA	CP3692	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-3449	2	BIOPAPUA	CP3707	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-1977	1	BIOPAPUA	CP3639	Arthropoda	Pandalidae	Heterocarpus parvispina de Man, 1917
IU-2011-1682	4	BIOPAPUA	CP3710	Arthropoda	Pandalidae	Heterocarpus gibbosus Bate, 1888
IU-2011-2024	4	BIOPAPUA	CP3711	Arthropoda	Pandalidae	Heterocarpus corona Yang, Chan & Chu, 2010
IU-2011-1891	1	BIOPAPUA	CP3704	Arthropoda	Pandalidae	Heterocarpus corona Yang, Chan & Chu, 2010
IU-2011-2978	4	BIOPAPUA	CP3691	Arthropoda	Pandalidae	Heterocarpus corona Yang, Chan & Chu, 2010
IU-2011-1566	5	BIOPAPUA	CP3692	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2255	1	BIOPAPUA	CP3722	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2028	1	BIOPAPUA	CP3737	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-1231	1	BIOPAPUA	CP3710	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-3556	4	BIOPAPUA	CP3760	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2055	3	BIOPAPUA	CP3647	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-1702	1	BIOPAPUA	CP3723	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-1742	1	BIOPAPUA	CP3774	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-2051	6	BIOPAPUA	CP3713	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-2759	9	BIOPAPUA	CP3674	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-2548	18	BIOPAPUA	CP3722	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-2381	7	BIOPAPUA	CP3774	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-2436	2	BIOPAPUA	CP3743	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-2019	1	BIOPAPUA	CP3774	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-1925	1	BIOPAPUA	CP3741	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-1677	1	BIOPAPUA	CP3713	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-1859	2	BIOPAPUA	CP3637	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-957	5	BIOPAPUA	CP3744	Arthropoda	Ethusidae	Ethusidae
IU-2011-1881	1	BIOPAPUA	CP3656	Arthropoda	Ethusidae	Ethusidae
IU-2011-2699	1	BIOPAPUA	CP3747	Arthropoda	Ethusidae	Ethusidae
IU-2011-1242	2	BIOPAPUA	CP3664	Arthropoda	Ethusidae	Ethusidae
IU-2011-2136	1	BIOPAPUA	CP3740	Arthropoda	Ethusidae	Ethusidae
IU-2011-1858	1	BIOPAPUA	CP3705	Arthropoda	Ethusidae	Ethusidae
IU-2011-1972	1	BIOPAPUA	CP3742	Arthropoda	Ethusidae	Ethusidae
IU-2011-2370	1	BIOPAPUA	CP3718	Arthropoda	Ethusidae	Ethusidae
IU-2011-1489	1	BIOPAPUA	CP3635	Arthropoda	Ethusidae	Ethusidae
IU-2011-2711	1	BIOPAPUA	CP3692	Arthropoda	Ethusidae	Ethusidae
IU-2011-2202	1	BIOPAPUA	CP3761	Arthropoda	Ethusidae	Ethusidae
IU-2011-1857	1	BIOPAPUA	CP3704	Arthropoda	Ethusidae	Ethusidae
IU-2011-1479	1	BIOPAPUA	CP3774	Arthropoda	Ethusidae	Ethusidae
IU-2011-1195	1	BIOPAPUA	CP3679	Arthropoda	Ethusidae	Ethusidae
IU-2011-2515	2	BIOPAPUA	CP3713	Arthropoda	Ethusidae	Ethusidae
IU-2011-2972	4	BIOPAPUA	CP3682	Arthropoda	Ethusidae	Ethusidae
IU-2011-3193	1	BIOPAPUA	CP3703	Arthropoda	Ethusidae	Ethusidae
IU-2011-1819	1	BIOPAPUA	CP3737	Arthropoda	Ethusidae	Ethusidae
IU-2011-2860	4	BIOPAPUA	CP3739	Arthropoda	Ethusidae	Ethusidae
IU-2011-1211	1	BIOPAPUA	CP3730	Arthropoda	Ethusidae	Ethusidae
IU-2011-2494	1	BIOPAPUA	DW3748	Arthropoda	Ethusidae	Ethusidae
IU-2011-2301	5	BIOPAPUA	CP3729	Arthropoda	Ethusidae	Ethusidae
IU-2011-2736	7	BIOPAPUA	CP3693	Arthropoda	Ethusidae	Ethusidae
IU-2011-917	1	BIOPAPUA	CP3647	Arthropoda	Ethusidae	Ethusidae
IU-2011-5199	1	BIOPAPUA	CP3659	Arthropoda	Ethusidae	Ethusidae
IU-2011-2512	7	BIOPAPUA	CP3711	Arthropoda	Ethusidae	Ethusidae
IU-2011-2358	2	BIOPAPUA	CP3760	Arthropoda	Ethusidae	Ethusidae
IU-2011-1961	1	BIOPAPUA	CP3693	Arthropoda	Ethusidae	Ethusidae
IU-2011-1713	1	BIOPAPUA	CP3729	Arthropoda	Ethusidae	Ethusidae
IU-2011-2891	4	BIOPAPUA	CP3709	Arthropoda	Ethusidae	Ethusidae
IU-2011-2263	1	BIOPAPUA	CP3669	Arthropoda	Ethusidae	Ethusidae
IU-2011-916	2	BIOPAPUA	CP3648	Arthropoda	Ethusidae	Ethusidae
IU-2011-1056	3	BIOPAPUA	DW3732	Arthropoda	Ethusidae	Ethusidae
IU-2011-1700	1	BIOPAPUA	CP3721	Arthropoda	Ethusidae	Ethusidae
IU-2011-1687	1	BIOPAPUA	CP3689	Arthropoda	Ethusidae	Ethusidae
IU-2011-1705	1	BIOPAPUA	CP3721	Arthropoda	Ethusidae	Ethusidae
IU-2011-1145	1	BIOPAPUA	CP3633	Arthropoda	Ethusidae	Ethusidae
IU-2011-3274	1	BIOPAPUA	CP3690	Arthropoda	Ethusidae	Ethusidae
IU-2011-3432	1	BIOPAPUA	DW3754	Arthropoda	Ethusidae	Ethusinae
IU-2011-2484	1	BIOPAPUA	CP3681	Arthropoda	Ethusidae	Ethusinae
IU-2011-3330	4	BIOPAPUA	CP3739	Arthropoda	Ethusidae	Ethusinae
IU-2011-2237	1	BIOPAPUA	CP3714	Arthropoda	Ethusidae	Ethusina sp.
IU-2011-3319	8	BIOPAPUA	CP3647	Arthropoda	Ethusidae	Ethusina sp.
IU-2011-2043	1	BIOPAPUA	CP3647	Arthropoda	Ethusidae	Ethusa sp.
IU-2011-2464	2	BIOPAPUA	CP3742	Arthropoda	Ethusidae	Ethusa sp.
IU-2011-1589	2	BIOPAPUA	CP3774	Arthropoda	Ethusidae	Ethusa sp.
IU-2011-1691	2	BIOPAPUA	CP3742	Arthropoda	Ethusidae	Ethusa sp.
IU-2011-2086	2	BIOPAPUA	CP3711	Arthropoda	Ethusidae	Ethusa sp.
IU-2011-2049	2	BIOPAPUA	CP3713	Arthropoda	Ethusidae	Ethusa sp.
IU-2011-2324	1	BIOPAPUA	CP3722	Arthropoda	Ethusidae	Ethusa sp.
IU-2011-2841	1	BIOPAPUA	CP3691	Arthropoda	Ethusidae	Ethusa sp.
IU-2011-2329	1	BIOPAPUA	CP3695	Arthropoda	Ethusidae	Ethusa sp.
IU-2011-2453	1	BIOPAPUA	CP3695	Arthropoda	Ethusidae	Ethusa sp.
IU-2011-3121	1	BIOPAPUA	CP3667	Arthropoda	Ethusidae	Ethusa sp.
IU-2011-2744	1	BIOPAPUA	CP3691	Arthropoda	Inachidae	Cyrtomaia sp.
IU-2011-2667	1	BIOPAPUA	CP3750	Arthropoda	Inachidae	Cyrtomaia sp.
IU-2011-2578	1	BIOPAPUA	CP3713	Arthropoda	Aristeidae	Aristaeomorpha foliacea (Risso, 1827)
IU-2011-2190	1	BIOPAPUA	CP3716	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-1679	10	BIOPAPUA	CP3713	Arthropoda	Aristeidae	Aristeus sp.
IU-2011-1609	1	BIOPAPUA	CP3778	Arthropoda	Pasiphaeidae	Psathyrocaris sp.
IU-2011-1855	1	BIOPAPUA	CP3779	Arthropoda	Pasiphaeidae	Psathyrocaris sp.
IU-2011-2599	1	BIOPAPUA	CP3717	Arthropoda	Pasiphaeidae	Glyphus sp.
IU-2011-1731	3	BIOPAPUA	CP3750	Arthropoda	Pasiphaeidae	Pasiphaea sp.
IU-2011-3109	1	BIOPAPUA	CP3690	Arthropoda	Pasiphaeidae	Pasiphaea sp.
IU-2011-2150	1	BIOPAPUA	CP3741	Arthropoda	Pasiphaeidae	Pasiphaea sp.
IU-2011-2564	1	BIOPAPUA	CP3716	Arthropoda	Pasiphaeidae	Pasiphaea sp.
IU-2011-1610	1	BIOPAPUA	CP3778	Arthropoda	Pasiphaeidae	Pasiphaea sp.
IU-2011-1701	1	BIOPAPUA	CP3700	Arthropoda	Pasiphaeidae	Pasiphaea sp.
IU-2011-3284	1	BIOPAPUA	CP3632	Arthropoda	Pasiphaeidae	Psathyrocaris firma (Wood-Mason MS) Alcock & Anderson, 1894
IU-2011-2966	1	BIOPAPUA	CP3690	Arthropoda	Pasiphaeidae	Pasiphaea debitusae Hayashi, 1999
IU-2011-2823	2	BIOPAPUA	CP3691	Arthropoda	Pasiphaeidae	Pasiphaea cristata Baye, 1888
IU-2011-3463	5	BIOPAPUA	CP3691	Arthropoda	Pasiphaeidae	Pasiphaea cristata Baye, 1888

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-3411	1	BIOPAPUA	DW3696	Arthropoda	Galatheidae	Galathea sp.
IU-2011-3585	1	BIOPAPUA	CP3707	Arthropoda	Eugonatonotidae	Eugonatonotus chacei Chan & Yu, 1991
IU-2011-3602	1	BIOPAPUA	CP3708	Arthropoda	Eugonatonotidae	Eugonatonotus chacei Chan & Yu, 1991
IU-2011-1439	1	BIOPAPUA	CP3659	Arthropoda	Eugonatonotidae	Eugonatonotus chacei Chan & Yu, 1991
IU-2011-2945	2	BIOPAPUA	DW3748	Arthropoda	Eugonatonotidae	Eugonatonotus chacei Chan & Yu, 1991
IU-2011-1380	2	BIOPAPUA	CP3657	Arthropoda	Eugonatonotidae	Eugonatonotus chacei Chan & Yu, 1991
IU-2011-1932	1	BIOPAPUA	CP3639	Arthropoda	Eugonatonotidae	Eugonatonotus chacei Chan & Yu, 1991
IU-2011-1316	1	BIOPAPUA	DW3641	Arthropoda	Eugonatonotidae	Eugonatonotus chacei Chan & Yu, 1991
IU-2011-3254	4	BIOPAPUA	CP3646	Arthropoda	Eugonatonotidae	Eugonatonotus chacei Chan & Yu, 1991
IU-2011-2670	1	BIOPAPUA	CP3645	Arthropoda	Eugonatonotidae	Eugonatonotus sp.
IU-2011-3069	1	BIOPAPUA	DW3683	Arthropoda	Eugonatonotidae	Eugonatonotus sp.
IU-2011-2449	1	BIOPAPUA	CP3737	Arthropoda	Glyphocrangonidae	Glyphocrangon assimilis De Man, 1918b
IU-2011-2257	1	BIOPAPUA	CP3742	Arthropoda	Crangonidae	Lissosabinea indica (De Man, 1918b)
IU-2011-5200	2	BIOPAPUA	CP3710	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-2984	2	BIOPAPUA	CP3759	Arthropoda	Crangonidae	Crangonidae
IU-2011-2933	3	BIOPAPUA	CP3759	Arthropoda	Crangonidae	Crangonidae
IU-2011-1346	3	BIOPAPUA	CP3635	Arthropoda	Crangonidae	Pontocaris sp.
IU-2011-2550	3	BIOPAPUA	CP3695	Arthropoda	Crangonidae	Pontocaris sp.
IU-2011-1982	1	BIOPAPUA	CP3701	Arthropoda	Crangonidae	Pontocaris sp.
IU-2011-1554	1	BIOPAPUA	CP3634	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-1418	1	BIOPAPUA	CP3737	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-2516	1	BIOPAPUA	CP3712	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-1910	3	BIOPAPUA	CP3692	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-2105	4	BIOPAPUA	CP3728	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-2991	4	BIOPAPUA	CP3691	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-1320	7	BIOPAPUA	CP3710	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-1893	2	BIOPAPUA	CP3693	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-1426	2	BIOPAPUA	CP3669	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-2056	3	BIOPAPUA	CP3711	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-3580	2	BIOPAPUA	CP3708	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-3481	1	BIOPAPUA	CP3693	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-3423	3	BIOPAPUA	CP3692	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-1913	1	BIOPAPUA	CP3728	Arthropoda	Crangonidae	Parapontocaris sp.
IU-2011-2492	1	BIOPAPUA	CP3702	Arthropoda	Crangonidae	Pontocaris sp.
IU-2011-1532	1	BIOPAPUA	CP3665	Arthropoda	Crangonidae	Pontocaris sp.
IU-2011-2336	1	BIOPAPUA	CP3761	Arthropoda	Crangonidae	Aegaeon sp.
IU-2011-3484	1	BIOPAPUA	CP3755	Arthropoda	Crangonidae	Aegaeon sp.
IU-2011-1663	1	BIOPAPUA	CP3693	Arthropoda	Crangonidae	Aegaeon sp.
IU-2011-3513	2	BIOPAPUA	CP3760	Arthropoda	Crangonidae	Aegaeon sp.
IU-2011-2431	1	BIOPAPUA	CP3737	Arthropoda	Crangonidae	Aegaeon rathbuni de Man, 1918
IU-2011-2995	1	BIOPAPUA	CP3691	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-3426	1	BIOPAPUA	CP3693	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-3410	1	BIOPAPUA	CP3692	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-2443	1	BIOPAPUA	DW3777	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-1560	1	BIOPAPUA	CP3635	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-2226	1	BIOPAPUA	CP3712	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-2035	1	BIOPAPUA	CP3711	Arthropoda	Crangonidae	Parapontophilus sp.
IU-2011-1635	1	BIOPAPUA	CP3714	Arthropoda	Crangonidae	Parapontophilus difficilis Komai, 2006
IU-2011-1666	2	BIOPAPUA	CP3717	Arthropoda	Crangonidae	Parapontophilus difficilis Komai, 2006
IU-2011-2032	1	BIOPAPUA	CP3686	Arthropoda	Crangonidae	Parapontophilus difficilis Komai, 2006
IU-2011-2491	1	BIOPAPUA	CP3717	Arthropoda	Crangonidae	Parapontophilus difficilis Komai, 2006
IU-2011-1574	1	BIOPAPUA	CP3653	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-1780	1	BIOPAPUA	CP3714	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-1622	2	BIOPAPUA	CP3774	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-2450	3	BIOPAPUA	CP3737	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-2454	4	BIOPAPUA	CP3737	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-3059	4	BIOPAPUA	CP3750	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-2196	1	BIOPAPUA	CP3743	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-2437	5	BIOPAPUA	CP3740	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-1333	5	BIOPAPUA	CP3744	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-5201	1	BIOPAPUA	NO DATA	Arthropoda	Sphaeromatidae	Sphaeromatidae
IU-2011-1748	1	BIOPAPUA	CP3728	Arthropoda	Sphaeromatidae	Sphaeromatidae
IU-2011-1655	1	BIOPAPUA	CP3729	Arthropoda	Sphaeromatidae	Sphaeromatidae
IU-2011-2456	1	BIOPAPUA	CP3715	Arthropoda	Sphaeromatidae	Sphaeromatidae
IU-2011-1760	2	BIOPAPUA	DW3719	Arthropoda	Sphaeromatidae	Sphaeromatidae
IU-2011-1887	1	BIOPAPUA	CP3743	Arthropoda	Sphaeromatidae	Sphaeromatidae
IU-2011-2928	1	BIOPAPUA	CP3747	Arthropoda	Sphaeromatidae	Sphaeromatidae
IU-2011-1981	1	BIOPAPUA	CP3729	Arthropoda	Aegidae	Aegidae
IU-2011-921	1	BIOPAPUA	CP3653	Arthropoda	Serolidae	Serolidae
IU-2011-998	1	BIOPAPUA	CP3653	Arthropoda	Arcturidae	Arcturidae
IU-2011-2345	2	BIOPAPUA	CP3755	Arthropoda	Epimeriidae	Epimeriidae
IU-2011-1636	1	BIOPAPUA	CP3647	Arthropoda	Cirolanidae	Bathynomus sp.
IU-2011-1291	2	BIOPAPUA	CP3635	Arthropoda	Cirolanidae	Bathynomus sp.
IU-2011-2601	1	BIOPAPUA	CP3717	Arthropoda	Cirolanidae	Bathynomus sp.
IU-2011-2606	6	BIOPAPUA	CP3715	Arthropoda	Cirolanidae	Bathynomus sp.
IU-2011-2379	1	BIOPAPUA	CP3712	Arthropoda	Cirolanidae	Bathynomus brucei Lowry & Dempsey, 2006
IU-2011-5202	1	BIOPAPUA	CP3740	Arthropoda	Isopoda	Isopoda
IU-2011-2284	3	BIOPAPUA	CP3761	Arthropoda	Isopoda	Isopoda
IU-2011-2210	2	BIOPAPUA	CP3718	Arthropoda	Isopoda	Isopoda
IU-2011-2907	1	BIOPAPUA	DW3754	Arthropoda	Isopoda	Isopoda
IU-2011-2228	3	BIOPAPUA	CP3721	Arthropoda	Isopoda	Isopoda
IU-2011-882	2	BIOPAPUA	CP3651	Arthropoda	Isopoda	Isopoda
IU-2011-2505	1	BIOPAPUA	CP3760	Arthropoda	Isopoda	Isopoda
IU-2011-2703	2	BIOPAPUA	CP3762	Arthropoda	Isopoda	Isopoda
IU-2011-2769	4	BIOPAPUA	CP3747	Arthropoda	Isopoda	Isopoda
IU-2011-2143	1	BIOPAPUA	CP3741	Arthropoda	Isopoda	Isopoda
IU-2011-1967	1	BIOPAPUA	CP3709	Arthropoda	Isopoda	Isopoda
IU-2011-1112	3	BIOPAPUA	CP3657	Arthropoda	Isopoda	Isopoda
IU-2011-5203	3	BIOPAPUA	CP3744	Arthropoda	Isopoda	Isopoda
IU-2011-3169	4	BIOPAPUA	CP3697	Arthropoda	Isopoda	Isopoda
IU-2011-2087	8	BIOPAPUA	CP3755	Arthropoda	Isopoda	Isopoda
IU-2011-2428	2	BIOPAPUA	CP3724	Arthropoda	Isopoda	Isopoda
IU-2011-2511	2	BIOPAPUA	CP3737	Arthropoda	Isopoda	Isopoda
IU-2011-2112	2	BIOPAPUA	DW3732	Arthropoda	Isopoda	Isopoda
IU-2011-1015	2	BIOPAPUA	CP3689	Arthropoda	Isopoda	Isopoda
IU-2011-1265	4	BIOPAPUA	CP3722	Arthropoda	Isopoda	Isopoda
IU-2011-3316	1	BIOPAPUA	DW3753	Arthropoda	Isopoda	Isopoda
IU-2011-3361	1	BIOPAPUA	CP3731	Arthropoda	Isopoda	Isopoda
IU-2011-3387	1	BIOPAPUA	CP3739	Arthropoda	Isopoda	Isopoda
IU-2011-3328	1	BIOPAPUA	CP3739	Arthropoda	Isopoda	Isopoda
IU-2011-908	1	BIOPAPUA	CP3647	Arthropoda	Isopoda	Isopoda
IU-2011-3178	4	BIOPAPUA	CP3756	Arthropoda	Isopoda	Isopoda
IU-2011-3787	1	BIOPAPUA	CP3650	Arthropoda	Isopoda	Isopoda
IU-2011-1641	1	BIOPAPUA	CP3682	Arthropoda	Isopoda	Isopoda
IU-2011-3366	1	BIOPAPUA	CP3740	Arthropoda	Isopoda	Isopoda
IU-2011-872	1	BIOPAPUA	CP3654	Arthropoda	Isopoda	Isopoda

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-2100	1	BIOPAPUA	DW3719	Arthropoda		Isopoda
IU-2011-1931	1	BIOPAPUA	CP3692	Arthropoda		Isopoda
IU-2011-2305	1	BIOPAPUA	CP3710	Arthropoda		Isopoda
IU-2011-2687	1	BIOPAPUA	DW3764	Arthropoda		Isopoda
IU-2011-3231	1	BIOPAPUA	DW3698	Arthropoda		Isopoda
IU-2011-2910	1	BIOPAPUA	DW3754	Arthropoda		Isopoda
IU-2011-2935	1	BIOPAPUA	CP3759	Arthropoda		Isopoda
IU-2011-2292	1	BIOPAPUA	DW3688	Arthropoda		Isopoda
IU-2011-3234	1	BIOPAPUA	CP3681	Arthropoda		Isopoda
IU-2011-1671	1	BIOPAPUA	CP3659	Arthropoda		Isopoda
IU-2011-2695	3	BIOPAPUA	CP3667	Arthropoda	Ethusidae	Ethusidae
IU-2011-2943	1	BIOPAPUA	CP3667	Arthropoda		Amphipoda
IU-2011-1326	1	BIOPAPUA	CP3635	Arthropoda		Isopoda
IU-2011-1512	6	BIOPAPUA	CP3635	Arthropoda		Palicidae
IU-2011-3198	2	BIOPAPUA	CP3667	Arthropoda		Nephropidae
IU-2011-1417	31	BIOPAPUA	CP3635	Arthropoda		Nephropsis sp.
IU-2011-1492	1	BIOPAPUA	CP3635	Arthropoda		Metapenaeopsis sp.
IU-2011-1378	3	BIOPAPUA	CP3635	Arthropoda		Galatheidae
IU-2011-1929	1	BIOPAPUA	CP3693	Arthropoda		Munidopsis sp.
IU-2011-2657	2	BIOPAPUA	CP3667	Arthropoda		Penaeidae
IU-2011-3181	5	BIOPAPUA	CP3667	Arthropoda		Atypopenaeus sp.
IU-2011-2771	5	BIOPAPUA	CP3692	Arthropoda		Calappidae
IU-2011-1889	1	BIOPAPUA	CP3693	Arthropoda		Chasmocarcinidae
IU-2011-1379	60	BIOPAPUA	CP3635	Arthropoda		Plesionika bifurca Alcock & Anderson, 1894
IU-2011-2743	11	BIOPAPUA	CP3681	Arthropoda		Paguridae
IU-2011-1533	4	BIOPAPUA	CP3635	Arthropoda		Mysida
IU-2011-1449	26	BIOPAPUA	CP3635	Arthropoda		Plesionika philippensis Chace, 1985
IU-2011-1385	2	BIOPAPUA	CP3635	Arthropoda		Plesionika binocularis (Bate, 1888)
IU-2011-3201	1	BIOPAPUA	CP3665	Arthropoda		Ibacus ciliatus (Von Siebold, 1824)
IU-2011-1503	4	BIOPAPUA	CP3630	Arthropoda		Scammarctus batei (Holthuis, 1946)
IU-2011-2070	1	BIOPAPUA	CP3710	Arthropoda		Scammarctus batei (Holthuis, 1946)
IU-2011-3202	2	BIOPAPUA	CP3665	Arthropoda		Scammarctus batei (Holthuis, 1946)
IU-2011-1580	1	BIOPAPUA	CP3774	Arthropoda		Oplophoridae
IU-2011-1283	2	BIOPAPUA	CP3677	Arthropoda		Oplophoridae
IU-2011-1245	1	BIOPAPUA	DW3775	Arthropoda		Systellaspis debilis (A. Milne-Edwards, 1881)
IU-2011-3546	1	BIOPAPUA	CP3674	Arthropoda		Acanthephyra eximia S. I. Smith, 1884
IU-2011-3407	1	BIOPAPUA	CP3762	Arthropoda		Systellaspis debilis (A. Milne-Edwards, 1881)
IU-2011-1408	3	BIOPAPUA	CP3780	Arthropoda		Acanthephyra quadrispinosa Kemp, 1939
IU-2011-1372	1	BIOPAPUA	CP3633	Arthropoda		Acanthephyra eximia S. I. Smith, 1884
IU-2011-1595	1	BIOPAPUA	CP3774	Arthropoda		Systellaspis pellucida (Filhol, 1885)
IU-2011-1353	1	BIOPAPUA	CP3639	Arthropoda		Systellaspis pellucida (Filhol, 1885)
IU-2011-2409	1	BIOPAPUA	CP3740	Arthropoda		Systellaspis cristata (Faxon, 1893)
IU-2011-1312	1	BIOPAPUA	CP3651	Arthropoda		Systellaspis cristata (Faxon, 1893)
IU-2011-2068	1	BIOPAPUA	CP3717	Arthropoda		Systellaspis debilis (A. Milne-Edwards, 1881)
IU-2011-3185	1	BIOPAPUA	CP3717	Arthropoda		Janicella spinicauda (A. Milne-Edwards, 1883)
IU-2011-1995	1	BIOPAPUA	CP3707	Arthropoda		Janicella spinicauda (A. Milne-Edwards, 1883)
IU-2011-961	1	BIOPAPUA	CP3629	Arthropoda		Oplophoridae
IU-2011-2010	1	BIOPAPUA	CP3721	Arthropoda		Oplophorus sp.
IU-2011-1661	1	BIOPAPUA	CP3729	Arthropoda		Oplophorus sp.
IU-2011-1069	3	BIOPAPUA	CP3653	Arthropoda		Oplophorus typus H. Milne Edwards, 1837 [in Milne Edwards, 1834-1840]
IU-2011-1058	1	BIOPAPUA	DW3668	Arthropoda		Oplophorus sp.
IU-2011-1161	1	BIOPAPUA	CP3714	Arthropoda		Acanthephyra sp.
IU-2011-1789	3	BIOPAPUA	CP3736	Arthropoda		Acanthephyra armata A. Milne-Edwards, 1881
IU-2011-2778	3	BIOPAPUA	CP3681	Arthropoda		Cyrtomaia sp.
IU-2011-2882	2	BIOPAPUA	CP3739	Arthropoda		Cyrtomaia sp.
IU-2011-1483	1	BIOPAPUA	CP3659	Arthropoda		Cyrtomaia sp.
IU-2011-5204	5	BIOPAPUA	CP3742	Arthropoda		Platymaia sp.
IU-2011-1649	1	BIOPAPUA	CP3742	Arthropoda		Cyrtomaia sp.
IU-2011-2523	1	BIOPAPUA	CP3761	Arthropoda		Cyrtomaia sp.
IU-2011-2455	1	BIOPAPUA	CP3674	Arthropoda		Cyrtomaia sp.
IU-2011-964	1	BIOPAPUA	CP3653	Arthropoda		Cyrtomaia sp.
IU-2011-1728	1	BIOPAPUA	CP3761	Arthropoda		Cyrtomaia sp.
IU-2011-3542	2	BIOPAPUA	CP3674	Arthropoda		Cyrtomaia sp.
IU-2011-2229	1	BIOPAPUA	CP3710	Arthropoda		Cyrtomaia sp.
IU-2011-3358	1	BIOPAPUA	CP3742	Arthropoda		Cyrtomaia sp.
IU-2011-2383	1	BIOPAPUA	CP3750	Arthropoda		Cyrtomaia sp.
IU-2011-1979	3	BIOPAPUA	CP3750	Arthropoda		Cyrtomaia sp.
IU-2011-989	4	BIOPAPUA	DW3668	Arthropoda		Cyrtomaia sp.
IU-2011-1400	1	BIOPAPUA	CP3670	Arthropoda		Cyrtomaia sp.
IU-2011-1990	2	BIOPAPUA	CP3755	Arthropoda		Cyrtomaia sp.
IU-2011-972	4	BIOPAPUA	CP3655	Arthropoda		Cyrtomaia sp.
IU-2011-971	1	BIOPAPUA	CP3655	Arthropoda		Cyrtomaia sp.
IU-2011-981	1	BIOPAPUA	DW3668	Arthropoda		Cyrtomaia sp.
IU-2011-1478	1	BIOPAPUA	CP3714	Arthropoda		Cyrtomaia sp.
IU-2011-1835	2	BIOPAPUA	CP3723	Arthropoda		Cyrtomaia sp.
IU-2011-2733	1	BIOPAPUA	CP3689	Arthropoda		Cyrtomaia sp.
IU-2011-1169	1	BIOPAPUA	CP3659	Arthropoda		Cyrtomaia sp.
IU-2011-2731	3	BIOPAPUA	CP3692	Arthropoda		Cyrtomaia sp.
IU-2011-2376	1	BIOPAPUA	CP3760	Arthropoda		Cyrtomaia sp.
IU-2011-1260	1	BIOPAPUA	CP3671	Arthropoda		Cyrtomaia sp.
IU-2011-918	7	BIOPAPUA	DW3668	Arthropoda		Platymaia sp.
IU-2011-876	2	BIOPAPUA	CP3654	Arthropoda		Platymaia sp.
IU-2011-3345	1	BIOPAPUA	CP3671	Arthropoda		Cyrtomaia sp.
IU-2011-1750	3	BIOPAPUA	CP3721	Arthropoda		Cyrtomaia sp.
IU-2011-1233	1	BIOPAPUA	CP3736	Arthropoda		Cyrtomaia sp.
IU-2011-1616	3	BIOPAPUA	CP3774	Arthropoda		Pleistacantha sp.
IU-2011-1162	1	BIOPAPUA	CP3659	Arthropoda		Inachidae
IU-2011-2495	1	BIOPAPUA	CP3760	Arthropoda		Inachidae
IU-2011-3644	1	BIOPAPUA	CP3774	Arthropoda		Inachidae
IU-2011-3402	1	BIOPAPUA	DW3757	Arthropoda		Inachidae
IU-2011-2482	1	BIOPAPUA	CP3760	Arthropoda		Inachidae
IU-2011-1045	1	BIOPAPUA	CP3736	Arthropoda		Inachidae
IU-2011-2644	1	BIOPAPUA	CP3724	Arthropoda		Inachidae
IU-2011-2584	1	BIOPAPUA	CP3695	Arthropoda		Inachidae
IU-2011-3253	1	BIOPAPUA	DW3757	Arthropoda		Inachidae
IU-2011-2508	1	BIOPAPUA	CP3693	Arthropoda		Inachidae
IU-2011-1993	32	BIOPAPUA	CP3741	Arthropoda		Nephropidae
IU-2011-1011	2	BIOPAPUA	CP3744	Arthropoda		Nephropsis serrata Macpherson, 1993
IU-2011-2393	12	BIOPAPUA	CP3750	Arthropoda		Nephropsis serrata Macpherson, 1993
IU-2011-884	6	BIOPAPUA	CP3651	Arthropoda		Nephropidae
IU-2011-1172	9	BIOPAPUA	CP3744	Arthropoda		Nephropsis sulcata Macpherson, 1990
IU-2011-2220	2	BIOPAPUA	CP3650	Arthropoda		Nephropidae
IU-2011-1278	2	BIOPAPUA	CP3667	Arthropoda		Nephropsis sulcata Macpherson, 1990
IU-2011-1955	2	BIOPAPUA	CP3674	Arthropoda		Nephropsis sulcata Macpherson, 1990
IU-2011-1275	1	BIOPAPUA	CP3653	Arthropoda		Nephropsis sulcata Macpherson, 1990
IU-2011-2833	3	BIOPAPUA	CP3689	Arthropoda		Nephropsis sulcata Macpherson, 1990

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-3135	1	BIO PAPUA	CP3667	Arthropoda	Nephropidae	<i>Nephropsis sulcata</i> Macpherson, 1990
IU-2011-2747	1	BIO PAPUA	CP3666	Arthropoda	Nephropidae	<i>Nephropsis sulcata</i> Macpherson, 1990
IU-2011-1718	1	BIO PAPUA	CP3677	Arthropoda	Nephropidae	<i>Nephropsis sulcata</i> Macpherson, 1990
IU-2011-1180	1	BIO PAPUA	CP3744	Arthropoda	Nephropidae	<i>Nephropsis sulcata</i> Macpherson, 1990
IU-2011-1047	1	BIO PAPUA	CP3736	Arthropoda	Nephropidae	<i>Nephropsis stewarti</i> Wood-Mason, 1872
IU-2011-3365	1	BIO PAPUA	DW3680	Arthropoda	Nephropidae	<i>Nephropsis stewarti</i> Wood-Mason, 1872
IU-2011-933	2	BIO PAPUA	CP3653	Arthropoda	Nephropidae	<i>Nephropsis stewarti</i> Wood-Mason, 1872
IU-2011-1992	1	BIO PAPUA	CP3710	Arthropoda	Nephropidae	<i>Metanephrops boschmai</i> (Holthuis, 1964)
IU-2011-2027	1	BIO PAPUA	CP3728	Arthropoda	Nephropidae	<i>Metanephrops velutinus</i> Chan & Yu, 1991
IU-2011-1427	1	BIO PAPUA	CP3635	Arthropoda	Nephropidae	<i>Metanephrops velutinus</i> Chan & Yu, 1991
IU-2011-3204	1	BIO PAPUA	CP3646	Arthropoda	Nephropidae	<i>Metanephrops velutinus</i> Chan & Yu, 1991
IU-2011-1874	2	BIO PAPUA	CP3708	Arthropoda	Nephropidae	<i>Metanephrops velutinus</i> Chan & Yu, 1991
IU-2011-1825	1	BIO PAPUA	CP3674	Arthropoda	Nephropidae	<i>Thaumastocheles japonicus</i> Calman, 1913
IU-2011-885	1	BIO PAPUA	CP3651	Arthropoda	Nephropidae	<i>Thaumastocheles japonicus</i> Calman, 1913
IU-2011-1644	1	BIO PAPUA	CP3717	Arthropoda	Oplophoridae	<i>Acanthephyra</i> sp.
IU-2011-1921	3	BIO PAPUA	CP3677	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1782	26	BIO PAPUA	CP3715	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-3539	1	BIO PAPUA	CP3682	Arthropoda	Pandalidae	<i>Plesionika carsei</i> Crosnier, 1986
IU-2011-2404	6	BIO PAPUA	CP3718	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-919	1	BIO PAPUA	DW3732	Arthropoda	Pandalidae	<i>Plesionika crosnieri</i> Chan & Yu, 1991
IU-2011-3347	3	BIO PAPUA	CP3682	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-2474	1	BIO PAPUA	DW3748	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-5190	6	BIO PAPUA	CP3744	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1382	8	BIO PAPUA	CP3659	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-1053	13	BIO PAPUA	CP3736	Arthropoda	Pandalidae	<i>Plesionika alcocki</i> (Anderson, 1896)
IU-2011-1672	2	BIO PAPUA	CP3710	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1102	11	BIO PAPUA	CP3653	Arthropoda	Pandalidae	<i>Plesionika alcocki</i> (Anderson, 1896)
IU-2011-5192	1	BIO PAPUA	CP3637	Arthropoda	Oplophoridae	<i>Systellaspis pellucida</i> (Filhol, 1885)
IU-2011-2489	1	BIO PAPUA	CP3761	Arthropoda	Pandalidae	<i>Plesionika alcocki</i> (Anderson, 1896)
IU-2011-2392	71	BIO PAPUA	CP3742	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-2198	4	BIO PAPUA	CP3711	Arthropoda	Pandalidae	<i>Plesionika sp.</i>
IU-2011-3049	13	BIO PAPUA	CP3755	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-5194	6	BIO PAPUA	CP3715	Arthropoda	Oplophoridae	<i>Acanthephyra</i> sp.
IU-2011-2350	4	BIO PAPUA	CP3759	Arthropoda	Pandalidae	<i>Plesionika sp.</i>
IU-2011-3583	7	BIO PAPUA	CP3674	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-2406	13	BIO PAPUA	CP3740	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-1198	4	BIO PAPUA	CP3647	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1182	16	BIO PAPUA	CP3653	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-1440	4	BIO PAPUA	CP3667	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1443	1	BIO PAPUA	CP3679	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-1851	3	BIO PAPUA	CP3705	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2296	11	BIO PAPUA	CP3750	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-1877	2	BIO PAPUA	CP3704	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1934	3	BIO PAPUA	CP3637	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-1398	9	BIO PAPUA	CP3774	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-2298	29	BIO PAPUA	CP3723	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-1802	1	BIO PAPUA	CP3707	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-2297	6	BIO PAPUA	CP3761	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-2205	2	BIO PAPUA	CP3729	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-1217	30	BIO PAPUA	CP3744	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2161	3	BIO PAPUA	CP3667	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1049	1	BIO PAPUA	CP3736	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1827	1	BIO PAPUA	CP3667	Arthropoda	Oplophoridae	<i>Acanthephyra eximia</i> S. I. Smith, 1884
IU-2011-1485	2	BIO PAPUA	CP3639	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-5205	150	BIO PAPUA	CP3759	Arthropoda	Pandalidae	<i>Plesionika sp.</i>
IU-2011-1016	6	BIO PAPUA	CP3714	Arthropoda	Pandalidae	<i>Plesionika alcocki</i> (Anderson, 1896)
IU-2011-1605	1	BIO PAPUA	CP3650	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-2042	80	BIO PAPUA	CP3721	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-2811	1	BIO PAPUA	CP3762	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1747	29	BIO PAPUA	CP3774	Arthropoda	Pandalidae	<i>Plesionika sp.</i>
IU-2011-2602	8	BIO PAPUA	CP3717	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1892	3	BIO PAPUA	CP3676	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2073	1	BIO PAPUA	CP3779	Arthropoda	Oplophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1416	5	BIO PAPUA	CP3657	Arthropoda	Pandalidae	<i>Plesionika ocellus</i> (Bate, 1888)
IU-2011-1067	2	BIO PAPUA	CP3666	Arthropoda	Oplophoridae	<i>Acanthephyra</i> sp.
IU-2011-2441	1	BIO PAPUA	CP3706	Arthropoda	Oplophoridae	<i>Acanthephyra</i> sp.
IU-2011-1637	1	BIO PAPUA	CP3708	Arthropoda	Oplophoridae	<i>Janicella spinicauda</i> (A. Milne-Edwards, 1883)
IU-2011-2526	2	BIO PAPUA	CP3714	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1878	5	BIO PAPUA	CP3705	Arthropoda	Oplophoridae	<i>Janicella spinicauda</i> (A. Milne-Edwards, 1883)
IU-2011-1930	1	BIO PAPUA	CP3704	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-1424	1	BIO PAPUA	CP3669	Arthropoda	Pandalidae	<i>Plesionika sp.</i>
IU-2011-1192	1	BIO PAPUA	CP3666	Arthropoda	Oplophoridae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1441	2	BIO PAPUA	CP3667	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-5206	11	BIO PAPUA	CP3737	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2287	3	BIO PAPUA	CP3741	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2135	31	BIO PAPUA	CP3737	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-1219	57	BIO PAPUA	DW3668	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-2252	13	BIO PAPUA	CP3742	Arthropoda	Pandalidae	<i>Plesionika sp.</i>
IU-2011-1247	6	BIO PAPUA	CP3651	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2822	2	BIO PAPUA	CP3739	Arthropoda	Pandalidae	<i>Plesionika spinidorsalis</i> Rathbun, 1906
IU-2011-1043	1	BIO PAPUA	CP3730	Arthropoda	Pandalidae	<i>Plesionika alcocki</i> (Anderson, 1896)
IU-2011-3332	1	BIO PAPUA	CP3632	Arthropoda	Pandalidae	<i>Plesionika alcocki</i> (Anderson, 1896)
IU-2011-3333	4	BIO PAPUA	CP3632	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1795	9	BIO PAPUA	CP3705	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-2399	2	BIO PAPUA	CP3737	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-2125	6	BIO PAPUA	CP3741	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-5207	2	BIO PAPUA	CP3723	Arthropoda	Oplophoridae	<i>Plesionika debilis</i> (A. Milne-Edwards, 1883)
IU-2011-3508	1	BIO PAPUA	CP3689	Arthropoda	Oplophoridae	<i>Systellaspis pellucida</i> (Filhol, 1885)
IU-2011-2352	1	BIO PAPUA	CP3761	Arthropoda	Oplophoridae	<i>Systellaspis sp.</i>
IU-2011-3492	5	BIO PAPUA	CP3747	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-1651	1	BIO PAPUA	CP3722	Arthropoda	Oplophoridae	<i>Oplophorus sp.</i>
IU-2011-1849	3	BIO PAPUA	CP3637	Arthropoda	Oplophoridae	<i>Oplophorus typus</i> H. Milne Edwards, 1837 [in Milne Edwards, 1834-1840]
IU-2011-1606	16	BIO PAPUA	CP3705	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-3393	1	BIO PAPUA	DW3696	Arthropoda	Pandalidae	<i>Plesionika sp.</i>
IU-2011-1790	1	BIO PAPUA	CP3705	Arthropoda	Oplophoridae	<i>Oplophorus typus</i> H. Milne Edwards, 1837 [in Milne Edwards, 1834-1840]
IU-2011-3564	1	BIO PAPUA	CP3750	Arthropoda	Oplophoridae	<i>Oplophorus typus</i> H. Milne Edwards, 1837 [in Milne Edwards, 1834-1840]
IU-2011-1201	1	BIO PAPUA	CP3744	Arthropoda	Pandalidae	<i>Plesionika alcocki</i> (Anderson, 1896)
IU-2011-1543	3	BIO PAPUA	CP3633	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-2193	2	BIO PAPUA	CP3631	Arthropoda	Oplophoridae	<i>Oplophorus</i> sp.
IU-2011-2321	1	BIO PAPUA	CP3761	Arthropoda	Pandalidae	<i>Plesionika carsei</i> Crosnier, 1986
IU-2011-929	3	BIO PAPUA	CP3653	Arthropoda	Oplophoridae	<i>Oplophorus</i> sp.
IU-2011-3005	1	BIO PAPUA	CP3645	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)
IU-2011-2188	5	BIO PAPUA	DW3749	Arthropoda	Pandalidae	<i>Plesionika sp.</i>
IU-2011-1068	37	BIO PAPUA	CP3659	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-2322	30	BIO PAPUA	CP3743	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-1950	10	BIO PAPUA	CP3755	Arthropoda	Pandalidae	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-3533	13	BIOBAPUA	CP3760	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-3199	3	BIOBAPUA	CP3689	Arthropoda	Pandalidae	<i>Plesionika maria</i> (A. Milne-Edwards, 1883)
IU-2011-3549	78	BIOBAPUA	CP3759	Arthropoda	Pandalidae	<i>Plesionika philippinensis</i> Chace, 1985
IU-2011-2120	29	BIOBAPUA	CP3722	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-2588	11	BIOBAPUA	CP3693	Arthropoda	Pandalidae	<i>Plesionika philippinensis</i> Chace, 1985
IU-2011-3561	17	BIOBAPUA	CP3750	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1800	1	BIOBAPUA	CP3705	Arthropoda	Pandalidae	<i>Plesionika ocellus</i> (Bate, 1888)
IU-2011-3128	8	BIOBAPUA	CP3708	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-2992	18	BIOBAPUA	CP3691	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-2485	1	BIOBAPUA	CP3761	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2078	2	BIOBAPUA	CP3639	Arthropoda	Pandalidae	<i>Plesionika edwardsii</i> (Brandt, 1851)
IU-2011-2186	6	BIOBAPUA	CP3750	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-3594	5	BIOBAPUA	CP3671	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-3369	5	BIOBAPUA	CP3709	Arthropoda	Pandalidae	<i>Plesionika maria</i> (A. Milne-Edwards, 1883)
IU-2011-3527	5	BIOBAPUA	CP3674	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2413	10	BIOBAPUA	CP3739	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-1267	1	BIOBAPUA	CP3629	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-3285	2	BIOBAPUA	CP3690	Arthropoda	Pandalidae	<i>Plesionika maria</i> (A. Milne-Edwards, 1883)
IU-2011-2473	2	BIOBAPUA	CP3761	Arthropoda	Pandalidae	<i>Plesionika maria</i> (A. Milne-Edwards, 1883)
IU-2011-979	3	BIOBAPUA	CP3654	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-1735	1	BIOBAPUA	DW3749	Arthropoda	Pandalidae	<i>Plesionika maria</i> (A. Milne-Edwards, 1883)
IU-2011-991	3	BIOBAPUA	CP3629	Arthropoda	Pandalidae	<i>Plesionika binoculus</i> (Bate, 1888)
IU-2011-3596	4	BIOBAPUA	CP3672	Arthropoda	Pandalidae	<i>Plesionika alcocki</i> (Anderson, 1896)
IU-2011-910	1	BIOBAPUA	DW3734	Arthropoda	Pandalidae	<i>Plesionika carini</i> Crosnier, 1986
IU-2011-1115	2	BIOBAPUA	CP3728	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-2271	4	BIOBAPUA	DW3720	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-1733	1	BIOBAPUA	CP3747	Arthropoda	Pandalidae	<i>Plesionika maria</i> (A. Milne-Edwards, 1883)
IU-2011-1627	17	BIOBAPUA	CP3650	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1390	9	BIOBAPUA	CP3658	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-3094	13	BIOBAPUA	CP3667	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2998	1	BIOBAPUA	CP3676	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-2253	17	BIOBAPUA	CP3750	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-3477	1	BIOBAPUA	CP3671	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1374	6	BIOBAPUA	CP3658	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-3190	1	BIOBAPUA	CP3646	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-3819	1	BIOBAPUA	CP3645	Arthropoda	Pandalidae	<i>Plesionika indica</i> de Man, 1917
IU-2011-1986	1	BIOBAPUA	CP3712	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-1072	2	BIOBAPUA	CP3670	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-3259	4	BIOBAPUA	CP3690	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-3649	1	BIOBAPUA	CP3645	Arthropoda	Pandalidae	<i>Plesionika spinidorsalis</i> Rathbun, 1906
IU-2011-1280	28	BIOBAPUA	CP3736	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-3141	7	BIOBAPUA	CP3667	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-3164	8	BIOBAPUA	CP3666	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2922	4	BIOBAPUA	CP3689	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2414	3	BIOBAPUA	CP3743	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1191	6	BIOBAPUA	CP3730	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2818	2	BIOBAPUA	CP3647	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1617	3	BIOBAPUA	CP3774	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-3072	1	BIOBAPUA	DW3781	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2677	3	BIOBAPUA	CP3667	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-3050	1	BIOBAPUA	CP3739	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1863	1	BIOBAPUA	CP3672	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1639	1	BIOBAPUA	CP3693	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-3613	1	BIOBAPUA	CP3672	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2420	1	BIOBAPUA	CP3740	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1756	1	BIOBAPUA	CP3712	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1070	1	BIOBAPUA	CP3670	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1287	1	BIOBAPUA	CP3648	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-2171	1	BIOBAPUA	CP3743	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-3174	1	BIOBAPUA	CP3646	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1215	2	BIOBAPUA	CP3729	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-3908	4	BIOBAPUA	CP3667	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-1332	1	BIOBAPUA	CP3744	Arthropoda	Pandalidae	<i>Plesionika bifurca</i> Alcock & Anderson, 1894
IU-2011-3398	1	BIOBAPUA	CP3731	Arthropoda	Ophelophoridae	<i>Systellaspis</i> sp.
IU-2011-3039	2	BIOBAPUA	CP3709	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-2998	4	BIOBAPUA	CP3681	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-1079	1	BIOBAPUA	CP3730	Arthropoda	Ophelophoridae	<i>Systellaspis pellucida</i> (Filhol, 1885)
IU-2011-1544	4	BIOBAPUA	CP3780	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-1037	1	BIOBAPUA	CP3647	Arthropoda	Ophelophoridae	<i>Systellaspis pellucida</i> (Filhol, 1885)
IU-2011-3118	1	BIOBAPUA	CP3664	Arthropoda	Pandalidae	<i>Plesionika kensleyi</i> Chace, 1985
IU-2011-2638	1	BIOBAPUA	CP3689	Arthropoda	Ophelophoridae	<i>Systellaspis</i> sp.
IU-2011-2554	1	BIOBAPUA	DW3776	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-1254	1	BIOBAPUA	CP3651	Arthropoda	Ophelophoridae	<i>Janicella spinicauda</i> (A. Milne-Edwards, 1883)
IU-2011-1305	2	BIOBAPUA	CP3656	Arthropoda	Pandalidae	<i>Plesionika philippinensis</i> Chace, 1985
IU-2011-3146	1	BIOBAPUA	CP3691	Arthropoda	Ophelophoridae	<i>Ophelophorus</i> sp.
IU-2011-2090	1	BIOBAPUA	CP3742	Arthropoda	Pandalidae	<i>Plesionika ocellus</i> (Bate, 1888)
IU-2011-2839	1	BIOBAPUA	CP3666	Arthropoda	Ophelophoridae	<i>Ophelophoridae</i>
IU-2011-2659	1	BIOBAPUA	CP3691	Arthropoda	Ophelophoridae	<i>Ophelophoridae</i>
IU-2011-1926	7	BIOBAPUA	CP3693	Arthropoda	Pandalidae	<i>Plesionika philippinensis</i> Chace, 1985
IU-2011-1618	7	BIOBAPUA	CP3778	Arthropoda	Ophelophoridae	<i>Acanthephyra</i> sp.
IU-2011-1563	9	BIOBAPUA	CP3634	Arthropoda	Pandalidae	<i>Plesionika kensleyi</i> Chace, 1985
IU-2011-1277	10	BIOBAPUA	CP3730	Arthropoda	Ophelophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1935	1	BIOBAPUA	DW3770	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-1238	3	BIOBAPUA	CP3638	Arthropoda	Ophelophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1401	5	BIOBAPUA	CP3780	Arthropoda	Ophelophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1477	4	BIOBAPUA	CP3667	Arthropoda	Ophelophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-5208	1	BIOBAPUA	CP3645	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-2285	2	BIOBAPUA	CP3647	Arthropoda	Ophelophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-3327	1	BIOBAPUA	CP3718	Arthropoda	Ophelophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1344	4	BIOBAPUA	CP3634	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-3222	4	BIOBAPUA	CP3632	Arthropoda	Ophelophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-2388	2	BIOBAPUA	CP3774	Arthropoda	Pandalidae	<i>Plesionika spinidorsalis</i> Rathbun, 1906
IU-2011-2269	1	BIOBAPUA	CP3703	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-1608	9	BIOBAPUA	CP3778	Arthropoda	Ophelophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-3348	1	BIOBAPUA	CP3632	Arthropoda	Ophelophoridae	<i>Acanthephyra</i> sp.
IU-2011-2434	3	BIOBAPUA	CP3743	Arthropoda	Pandalidae	<i>Plesionika spinidorsalis</i> Rathbun, 1906
IU-2011-3339	1	BIOBAPUA	CP3731	Arthropoda	Ophelophoridae	<i>Acanthephyra</i> sp.
IU-2011-1230	1	BIOBAPUA	CP3780	Arthropoda	Ophelophoridae	<i>Acanthephyra</i> sp.
IU-2011-5209	4	BIOBAPUA	CP3647	Arthropoda	Ophelophoridae	<i>Acanthephyra</i> sp.
IU-2011-1703	1	BIOBAPUA	CP3724	Arthropoda	Pandalidae	<i>Plesionika nesisi</i> (Burukovsky, 1986)
IU-2011-2547	3	BIOBAPUA	CP3716	Arthropoda	Ophelophoridae	<i>Acanthephyra</i> sp.
IU-2011-1794	2	BIOBAPUA	CP3707	Arthropoda	Pandalidae	<i>Plesionika spinidorsalis</i> Rathbun, 1906
IU-2011-1869	2	BIOBAPUA	CP3716	Arthropoda	Ophelophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-1632	1	BIOBAPUA	CP3650	Arthropoda	Pandalidae	<i>Plesionika alcocki</i> (Anderson, 1896)
IU-2011-3469	1	BIOBAPUA	CP3672	Arthropoda	Ophelophoridae	<i>Acanthephyra armata</i> A. Milne-Edwards, 1881
IU-2011-2266	2	BIOBAPUA	CP3716	Arthropoda	Ophelophoridae	<i>Systellaspis</i> sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-3228	2	BIOPAPUA	DW3642	Arthropoda	Pandalidae	<i>Plesionika</i> sp.
IU-2011-3271	1	BIOPAPUA	CP3712	Arthropoda	Ooplophoridae	<i>Ooplophorus</i> sp.
IU-2011-3093	1	BIOPAPUA	CP3747	Arthropoda	Ooplophoridae	<i>Ooplophorus</i> sp.
IU-2011-3347	1	BIOPAPUA	CP3690	Arthropoda	Ooplophoridae	<i>Ooplophorus</i> sp.
IU-2011-1817	1	BIOPAPUA	CP3701	Arthropoda	Pandalidae	<i>Plesionika kensleyi</i> Chace, 1985
IU-2011-3588	1	BIOPAPUA	CP3672	Arthropoda	Solenoceridae	<i>Hymenopenaeus</i> sp.
IU-2011-2260	1	BIOPAPUA	CP3743	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-2240	1	BIOPAPUA	CP3743	Arthropoda	Pandalidae	<i>Plesionika spinidorsalis</i> Rathbun, 1906
IU-2011-1183	1	BIOPAPUA	CP3744	Arthropoda	Aristeidae	<i>Aristeus</i> sp.
IU-2011-2542	2	BIOPAPUA	CP3721	Arthropoda	Pandalidae	<i>Plesionika ensis</i> (A. Milne-Edwards, 1881b)
IU-2011-3548	2	BIOPAPUA	CP3759	Arthropoda	Pandalidae	<i>Plesionika undens</i> Bate, 1888
IU-2011-3514	4	BIOPAPUA	CP3747	Arthropoda	Pandalidae	<i>Plesionika reflexa</i> Chace, 1985
IU-2011-1294	3	BIOPAPUA	CP3655	Arthropoda	Pandalidae	<i>Plesionika reflexa</i> Chace, 1985
IU-2011-3794	2	BIOPAPUA	CP3646	Arthropoda	Pandalidae	<i>Plesionika reflexa</i> Chace, 1985
IU-2011-1292	1	BIOPAPUA	CP3635	Arthropoda	Pandalidae	<i>Plesionika reflexa</i> Chace, 1985
IU-2011-3126	2	BIOPAPUA	CP3664	Arthropoda	Pandalidae	<i>Plesionika lophotes</i> Chace, 1985 group
IU-2011-1360	3	BIOPAPUA	CP3657	Arthropoda	Pandalidae	<i>Plesionika rostricrescentis</i> (Bate, 1888) group (rostricrentis)
IU-2011-1744	1	BIOPAPUA	DW3719	Arthropoda	Pandalidae	<i>Plesionika rostricrescentis</i> (Bate, 1888) group (rostricrentis)
IU-2011-1592	1	BIOPAPUA	CP3693	Arthropoda	Pandalidae	<i>Plesionika rostricrescentis</i> (Bate, 1888) group (rostricrentis)
IU-2011-1820	1	BIOPAPUA	DW3732	Arthropoda	Pandalidae	<i>Plesionika rostricrescentis</i> (Bate, 1888) group (rostricrentis)
IU-2011-3569	1	BIOPAPUA	CP3759	Arthropoda	Pandalidae	<i>Plesionika rostricrescentis</i> (Bate, 1888) group (rostricrentis)
IU-2011-1300	1	BIOPAPUA	CP3656	Arthropoda	Pandalidae	<i>Plesionika rostricrescentis</i> (Bate, 1888) group (rostricrentis)
IU-2011-1214	1	BIOPAPUA	DW3732	Arthropoda	Pandalidae	<i>Plesionika grandis</i> Doflein, 1902
IU-2011-1598	4	BIOPAPUA	CP3693	Arthropoda	Pandalidae	<i>Plesionika grandis</i> Doflein, 1902 group
IU-2011-3500	12	BIOPAPUA	CP3759	Arthropoda	Pandalidae	<i>Plesionika grandis</i> Doflein, 1902 group
IU-2011-1933	5	BIOPAPUA	CP3693	Arthropoda	Pandalidae	<i>Plesionika grandis</i> Doflein, 1902 group
IU-2011-1430	15	BIOPAPUA	CP3667	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1038	30	BIOPAPUA	CP3730	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1414	10	BIOPAPUA	CP3635	Arthropoda	Pandalidae	<i>Heterocarpus woodmasoni</i> Alcock, 1901
IU-2011-1018	2	BIOPAPUA	CP3658	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-1089	3	BIOPAPUA	CP3670	Arthropoda	Pandalidae	<i>Heterocarpus corona</i> Yang, Chan & Chu, 2010
IU-2011-3377	1	BIOPAPUA	CP3712	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1799	1	BIOPAPUA	CP3631	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1062	2	BIOPAPUA	CP3655	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-1420	4	BIOPAPUA	CP3635	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-3027	4	BIOPAPUA	CP3709	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-3467	1	BIOPAPUA	CP3708	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-3186	1	BIOPAPUA	CP3708	Arthropoda	Pandalidae	<i>Heterocarpus corona</i> Yang, Chan & Chu, 2010
IU-2011-3591	1	BIOPAPUA	CP3708	Arthropoda	Pandalidae	<i>Heterocarpus woodmasoni</i> Alcock, 1901
IU-2011-3566	9	BIOPAPUA	CP3672	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-3595	3	BIOPAPUA	CP3739	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-3192	1	BIOPAPUA	CP3708	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-1261	5	BIOPAPUA	CP3670	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-1601	1	BIOPAPUA	CP3693	Arthropoda	Pandalidae	<i>Heterocarpus woodmasoni</i> Alcock, 1901
IU-2011-1575	1	BIOPAPUA	CP3679	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-3606	9	BIOPAPUA	CP3739	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-2717	2	BIOPAPUA	CP3708	Arthropoda	Pandalidae	<i>Heterocarpus corona</i> Yang, Chan & Chu, 2010
IU-2011-3466	14	BIOPAPUA	CP3671	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1452	9	BIOPAPUA	CP3658	Arthropoda	Pandalidae	<i>Heterocarpus parvispina</i> de Man, 1917
IU-2011-1105	7	BIOPAPUA	CP3638	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1098	4	BIOPAPUA	CP3655	Arthropoda	Pandalidae	<i>Heterocarpus woodmasoni</i> Alcock, 1901
IU-2011-3200	2	BIOPAPUA	CP3690	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-1296	4	BIOPAPUA	CP3647	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-3006	14	BIOPAPUA	CP3676	Arthropoda	Pandalidae	<i>Heterocarpus sp.</i>
IU-2011-1576	4	BIOPAPUA	CP3659	Arthropoda	Pandalidae	<i>Heterocarpus corona</i> Yang, Chan & Chu, 2010
IU-2011-1140	5	BIOPAPUA	DW3668	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-1553	1	BIOPAPUA	CP3679	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1455	11	BIOPAPUA	CP3659	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-1082	2	BIOPAPUA	CP3670	Arthropoda	Pandalidae	<i>Heterocarpus woodmasoni</i> Alcock, 1901
IU-2011-1798	1	BIOPAPUA	CP3707	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-2479	1	BIOPAPUA	CP3716	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1239	73	BIOPAPUA	CP3736	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1164	2	BIOPAPUA	CP3728	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-1330	3	BIOPAPUA	CP3635	Arthropoda	Pandalidae	<i>Heterocarpus corona</i> Yang, Chan & Chu, 2010
IU-2011-1736	2	BIOPAPUA	CP3710	Arthropoda	Pandalidae	<i>Heterocarpus gibbosus</i> Bate, 1888
IU-2011-2061	5	BIOPAPUA	CP3728	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-3325	4	BIOPAPUA	CP3731	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-5210	2	BIOPAPUA	CP3636	Arthropoda	Pandalidae	<i>Heterocarpus woodmasoni</i> Alcock, 1901
IU-2011-2224	3	BIOPAPUA	CP3728	Arthropoda	Pandalidae	<i>Heterocarpus corona</i> Yang, Chan & Chu, 2010
IU-2011-2502	3	BIOPAPUA	CP3712	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-5211	1	BIOPAPUA	DW3782	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-2327	25	BIOPAPUA	CP3750	Arthropoda	Pandalidae	<i>Heterocarpus parvispina</i> de Man, 1917
IU-2011-2377	65	BIOPAPUA	CP3729	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1301	51	BIOPAPUA	CP3659	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-2172	6	BIOPAPUA	CP3742	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-2502	3	BIOPAPUA	CP3712	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-5211	1	BIOPAPUA	DW3782	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-2327	25	BIOPAPUA	CP3750	Arthropoda	Pandalidae	<i>Heterocarpus parvispina</i> de Man, 1917
IU-2011-1301	51	BIOPAPUA	CP3729	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-2172	6	BIOPAPUA	CP3742	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-1864	1	BIOPAPUA	CP3707	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-1176	2	BIOPAPUA	CP3653	Arthropoda	Pandalidae	<i>Heterocarpus parvispina</i> de Man, 1917
IU-2011-1805	51	BIOPAPUA	CP3737	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-2062	1	BIOPAPUA	CP3715	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-3221	14	BIOPAPUA	CP3632	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1796	2	BIOPAPUA	CP3707	Arthropoda	Pandalidae	<i>Heterocarpus woodmasoni</i> Alcock, 1901
IU-2011-3478	16	BIOPAPUA	CP3707	Arthropoda	Pandalidae	<i>Heterocarpus woodmasoni</i> Alcock, 1901
IU-2011-1130	21	BIOPAPUA	CP3744	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-1612	1	BIOPAPUA	CP3693	Arthropoda	Pandalidae	<i>Heterocarpus parvispina</i> de Man, 1917
IU-2011-2386	4	BIOPAPUA	CP3707	Arthropoda	Pandalidae	<i>Heterocarpus corona</i> Yang, Chan & Chu, 2010
IU-2011-2994	4	BIOPAPUA	DW3745	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-2696	4	BIOPAPUA	CP3708	Arthropoda	Pandalidae	<i>Heterocarpus sibogae</i> de Man, 1917
IU-2011-2804	32	BIOPAPUA	CP3708	Arthropoda	Pandalidae	<i>Heterocarpus woodmasoni</i> Alcock, 1901
IU-2011-3584	1	BIOPAPUA	CP3707	Arthropoda	Pandalidae	<i>Heterocarpus hayashii</i> Crosnier, 1988
IU-2011-3391	11	BIOPAPUA	CP3709	Arthropoda	Pandalidae	<i>Heterocarpus dorsalis</i> Bate, 1888
IU-2011-3570	35	BIOPAPUA	CP3739	Arthropoda	Pandalidae	<i>Heterocarpus woodmasoni</i> Alcock, 1901
IU-2011-3486	1	BIOPAPUA	CP3707	Arthropoda	Penaeidae	<i>Parapenaeus</i> sp.
IU-2011-3395	1	BIOPAPUA	CP3736	Arthropoda		Isopoda
IU-2011-1384	20	BIOPAPUA	CP3659	Arthropoda		Cirripedia
IU-2011-2576	30	BIOPAPUA	CP3760	Arthropoda		Cirripedia
IU-2011-1451	15	BIOPAPUA	CP3659	Arthropoda		Cirripedia
IU-2011-1673	35	BIOPAPUA	DW3696	Arthropoda		Cirripedia
IU-2011-2148	3	BIOPAPUA	CP3702	Arthropoda		Cirripedia
IU-2011-2706	1	BIOPAPUA	CP3646	Arthropoda		Cirripedia
IU-2011-939	6	BIOPAPUA	CP3653	Arthropoda		Cirripedia
IU-2011-2130	6	BIOPAPUA	CP3739	Arthropoda		Cirripedia
IU-2011-2452	10	BIOPAPUA	CP3742	Arthropoda		Cirripedia
IU-2011-2574	2	BIOPAPUA	CP3750	Arthropoda		Cirripedia
IU-2011-1258	1	BIOPAPUA	CP3638	Arthropoda		Cirripedia
IU-2011-1917	1	BIOPAPUA	DW3770	Arthropoda		Cirripedia
IU-2011-1763	10	BIOPAPUA	CP3708	Arthropoda		Cirripedia

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1852	2	BIOPAPUA	CP3774	Arthropoda	Cirripedia	
IU-2011-1775	29	BIOPAPUA	CP3693	Arthropoda	Cirripedia	
IU-2011-1980	1	BIOPAPUA	CP3639	Arthropoda	Cirripedia	
IU-2011-874	3	BIOPAPUA	CP3651	Arthropoda	Cirripedia	
IU-2011-901	1	BIOPAPUA	CP3667	Arthropoda	Cirripedia	
IU-2011-2830	1	BIOPAPUA	CP3679	Arthropoda	Cirripedia	
IU-2011-2380	1	BIOPAPUA	CP3659	Arthropoda	Cirripedia	
IU-2011-2528	5	BIOPAPUA	CP3740	Arthropoda	Cirripedia	
IU-2011-2343	2	BIOPAPUA	CP3691	Arthropoda	Cirripedia	
IU-2011-1255	1	BIOPAPUA	CP3648	Arthropoda	Cirripedia	
IU-2011-2672	1	BIOPAPUA	CP3645	Arthropoda	Cirripedia	
IU-2011-2408	2	BIOPAPUA	CP3741	Arthropoda	Cirripedia	
IU-2011-3376	1	BIOPAPUA	DW3680	Arthropoda	Cirripedia	
IU-2011-1322	1	BIOPAPUA	CP3639	Arthropoda	Cirripedia	
IU-2011-1094	3	BIOPAPUA	CP3671	Arthropoda	Cirripedia	
IU-2011-2866	1	BIOPAPUA	CP3646	Arthropoda	Cirripedia	
IU-2011-3367	1	BIOPAPUA	CP3709	Arthropoda	Cirripedia	
IU-2011-2233	1	BIOPAPUA	CP3672	Arthropoda	Cirripedia	
IU-2011-2953	6	BIOPAPUA	DW3748	Arthropoda	Cirripedia	
IU-2011-2955	2	BIOPAPUA	DW3748	Arthropoda	Cirripedia	
IU-2011-1085	2	BIOPAPUA	CP3654	Arthropoda	Cirripedia	
IU-2011-3587	2	BIOPAPUA	CP3658	Arthropoda	Cirripedia	
IU-2011-2267	2	BIOPAPUA	CP3722	Arthropoda	Cirripedia	
IU-2011-2911	1	BIOPAPUA	CP3707	Arthropoda	Cirripedia	
IU-2011-1529	13	BIOPAPUA	CP3630	Arthropoda	Cirripedia	
IU-2011-2753	9	BIOPAPUA	CP3689	Arthropoda	Cirripedia	
IU-2011-2842	1	BIOPAPUA	CP3707	Arthropoda	Cirripedia	
IU-2011-3438	3	BIOPAPUA	CP3692	Arthropoda	Cirripedia	
IU-2011-2567	1	BIOPAPUA	DW3688	Arthropoda	Cirripedia	
IU-2011-1221	1	BIOPAPUA	CP3657	Arthropoda	Cirripedia	
IU-2011-878	1	BIOPAPUA	DW3734	Arthropoda	Cirripedia	
IU-2011-3258	59	BIOPAPUA	CP3691	Arthropoda	Cirripedia	
IU-2011-2206	5	BIOPAPUA	CP3689	Arthropoda	Cirripedia	
IU-2011-3219	2	BIOPAPUA	CP3690	Arthropoda	Cirripedia	
IU-2011-1071	2	BIOPAPUA	CP3670	Arthropoda	Cirripedia	
IU-2011-3262	1	BIOPAPUA	CP3671	Arthropoda	Cirripedia	
IU-2011-2306	3	BIOPAPUA	DW3688	Arthropoda	Cirripedia	
IU-2011-1060	11	BIOPAPUA	CP3655	Arthropoda	Cirripedia	
IU-2011-2014	6	BIOPAPUA	CP3714	Arthropoda	Cirripedia	
IU-2011-2915	5	BIOPAPUA	CP3762	Arthropoda	Cirripedia	
IU-2011-1626	1	BIOPAPUA	CP3743	Arthropoda	Cirripedia	
IU-2011-2774	4	BIOPAPUA	DW3765	Arthropoda	Cirripedia	
IU-2011-2772	1	BIOPAPUA	DW3749	Arthropoda	Cirripedia	
IU-2011-2424	40	BIOPAPUA	CP3709	Arthropoda	Cirripedia	
IU-2011-1904	11	BIOPAPUA	DW3719	Arthropoda	Cirripedia	
IU-2011-3313	2	BIOPAPUA	CP3731	Arthropoda	Cirripedia	
IU-2011-3272	1	BIOPAPUA	CP3671	Arthropoda	Cirripedia	
IU-2011-1665	17	BIOPAPUA	DW3719	Arthropoda	Cirripedia	
IU-2011-1875	2	BIOPAPUA	CP3676	Arthropoda	Cirripedia	
IU-2011-2762	1	BIOPAPUA	CP3747	Arthropoda	Cirripedia	
IU-2011-1181	4	BIOPAPUA	DW3732	Arthropoda	Cirripedia	
IU-2011-2166	3	BIOPAPUA	CP3737	Arthropoda	Cirripedia	
IU-2011-2939	1	BIOPAPUA	CP3759	Arthropoda	Cirripedia	
IU-2011-1824	1	BIOPAPUA	DW3732	Arthropoda	Cirripedia	
IU-2011-3108	6	BIOPAPUA	DW3745	Arthropoda	Cirripedia	
IU-2011-1051	4	BIOPAPUA	CP3647	Arthropoda	Palinuridae	Puerulus velutinus Holthuis, 1963
IU-2011-3010	4	BIOPAPUA	CP3647	Arthropoda	Palinuridae	Puerulus velutinus Holthuis, 1963
IU-2011-2897	5	BIOPAPUA	CP3709	Arthropoda	Cirripedia	
IU-2011-2189	1	BIOPAPUA	CP3631	Arthropoda	Palinuridae	Puerulus velutinus Holthuis, 1963
IU-2011-3441	6	BIOPAPUA	DW3754	Arthropoda	Cirripedia	
IU-2011-3147	1	BIOPAPUA	CP3633	Arthropoda	Palinuridae	Puerulus angulatus (Bate, 1888)
IU-2011-2566	1	BIOPAPUA	CP3713	Arthropoda	Palinuridae	Puerulus velutinus Holthuis, 1963
IU-2011-1310	1	BIOPAPUA	CP3722	Arthropoda	Cirripedia	
IU-2011-2366	3	BIOPAPUA	CP3755	Arthropoda	Cirripedia	
IU-2011-2643	1	BIOPAPUA	CP3674	Arthropoda	Cirripedia	
IU-2011-3310	1	BIOPAPUA	CP3681	Arthropoda	Cirripedia	
IU-2011-1157	1	BIOPAPUA	CP3671	Arthropoda	Cirripedia	
IU-2011-1123	1	BIOPAPUA	CP3744	Arthropoda	Cirripedia	
IU-2011-3207	2	BIOPAPUA	DW3733	Arthropoda	Cirripedia	
IU-2011-2959	2	BIOPAPUA	DW3641	Arthropoda	Cirripedia	
IU-2011-2374	2	BIOPAPUA	CP3774	Arthropoda	Cirripedia	
IU-2011-3244	1	BIOPAPUA	DW3770	Arthropoda	Cirripedia	
IU-2011-1463	1	BIOPAPUA	CP3780	Arthropoda	Cirripedia	
IU-2011-3370	1	BIOPAPUA	DW3733	Arthropoda	Cirripedia	
IU-2011-2115	1	BIOPAPUA	DW3719	Arthropoda	Cirripedia	
IU-2011-3099	1	BIOPAPUA	CP3756	Arthropoda	Cirripedia	
IU-2011-1144	1	BIOPAPUA	DW3641	Arthropoda	Cirripedia	
IU-2011-5212	1	BIOPAPUA	DW3720	Arthropoda	Paguridae	Pagurus
IU-2011-2990	9	BIOPAPUA	CP3760	Arthropoda	Parapaguridae	Parapagurus
IU-2011-2416	1	BIOPAPUA	CP3740	Arthropoda	Parapaguridae	Parapagurus
IU-2011-3103	1	BIOPAPUA	CP3632	Arthropoda	Parapaguridae	Parapagurus
IU-2011-3903	1	BIOPAPUA	CP3646	Arthropoda	Parapaguridae	Parapagurus
IU-2011-3125	8	BIOPAPUA	CP3739	Arthropoda	Parapaguridae	Parapagurus
IU-2011-3910	1	BIOPAPUA	DW3661	Arthropoda	Parapaguridae	Parapagurus
IU-2011-2503	2	BIOPAPUA	CP3721	Arthropoda	Parapaguridae	Parapagurus
IU-2011-2459	1	BIOPAPUA	CP3774	Arthropoda	Parapaguridae	Parapagurus
IU-2011-958	1	BIOPAPUA	CP3629	Arthropoda	Paguridae	Pagurus
IU-2011-3105	3	BIOPAPUA	CP3739	Arthropoda	Parapaguridae	Parapagurus
IU-2011-3808	1	BIOPAPUA	CP3645	Arthropoda	Parapaguridae	Parapagurus
IU-2011-1050	4	BIOPAPUA	CP3736	Arthropoda	Parapaguridae	Parapagurus
IU-2011-3031	4	BIOPAPUA	DW3745	Arthropoda	Parapaguridae	Parapagurus
IU-2011-1325	2	BIOPAPUA	CP3651	Arthropoda	Parapaguridae	Parapagurus
IU-2011-1475	1	BIOPAPUA	CP3633	Arthropoda	Parapaguridae	Parapagurus
IU-2011-5213	1	BIOPAPUA	DW3775	Arthropoda	Parapaguridae	Parapagurus
IU-2011-1411	1	BIOPAPUA	CP3651	Arthropoda	Parapaguridae	Strobopagurus
IU-2011-3056	2	BIOPAPUA	CP3739	Arthropoda	Parapaguridae	Strobopagurus
IU-2011-3111	3	BIOPAPUA	CP3632	Arthropoda	Parapaguridae	Strobopagurus
IU-2011-2937	1	BIOPAPUA	DW3748	Arthropoda	Parapaguridae	Strobopagurus
IU-2011-1030	7	BIOPAPUA	CP3736	Arthropoda	Parapaguridae	Strobopagurus
IU-2011-2963	1	BIOPAPUA	CP3750	Arthropoda	Parapaguridae	Strobopagurus
IU-2011-880	4	BIOPAPUA	CP3651	Arthropoda	Parapaguridae	Strobopagurus
IU-2011-3013	1	BIOPAPUA	DW3751	Arthropoda	Parapaguridae	Strobopagurus
IU-2011-1898	1	BIOPAPUA	CP3721	Arthropoda	Parapaguridae	Strobopagurus
IU-2011-1186	1	BIOPAPUA	CP3635	Arthropoda	Parapaguridae	Sympagurus
IU-2011-928	1	BIOPAPUA	CP3653	Arthropoda	Parapaguridae	Sympagurus
IU-2011-1551	1	BIOPAPUA	CP3651	Arthropoda	Parapaguridae	Sympagurus

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1861	5	BIOPAPUA	CP3774	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-3911	1	BIOPAPUA	DW3641	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-2873	2	BIOPAPUA	CP3760	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-1061	1	BIOPAPUA	CP3736	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-2197	1	BIOPAPUA	CP3714	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-2405	3	BIOPAPUA	DW3777	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-3442	6	BIOPAPUA	CP3707	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-2067	1	BIOPAPUA	CP3656	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-3165	2	BIOPAPUA	CP3646	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-3383	1	BIOPAPUA	CP3632	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-1077	8	BIOPAPUA	CP3647	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-3615	8	BIOPAPUA	CP3708	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-3342	2	BIOPAPUA	CP3731	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-3324	13	BIOPAPUA	CP3709	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-3498	1	BIOPAPUA	CP3672	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-2194	5	BIOPAPUA	CP3716	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-3604	2	BIOPAPUA	CP3671	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-2881	2	BIOPAPUA	CP3708	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-1562	5	BIOPAPUA	CP3778	Arthropoda	Aristeidae	Aristeus sp.
IU-2011-1083	12	BIOPAPUA	CP3653	Arthropoda	Aristeidae	Aristeus sp.
IU-2011-2213	9	BIOPAPUA	CP3647	Arthropoda	Aristeidae	Aristeus sp.
IU-2011-1299	3	BIOPAPUA	CP3659	Arthropoda	Aristeidae	Aristeus sp.
IU-2011-2415	5	BIOPAPUA	CP3712	Arthropoda	Aristeidae	Aristeus sp.
IU-2011-1290	7	BIOPAPUA	CP3730	Arthropoda	Aristeidae	Aristeus sp.
IU-2011-1547	13	BIOPAPUA	CP3780	Arthropoda	Aristeidae	Aristeus mabahissae Ramadan, 1938
IU-2011-2925	1	BIOPAPUA	CP3708	Arthropoda	Aristeidae	Aristeomorpha foliacea (Risso, 1827)
IU-2011-3608	10	BIOPAPUA	CP3708	Arthropoda	Aristeidae	Aristeomorpha foliacea (Risso, 1827)
IU-2011-2164	3	BIOPAPUA	CP3712	Arthropoda	Aristeidae	Aristeomorpha foliacea (Risso, 1827)
IU-2011-3495	2	BIOPAPUA	CP3672	Arthropoda	Aristeidae	Aristeomorpha foliacea (Risso, 1827)
IU-2011-1282	5	BIOPAPUA	CP3659	Arthropoda	Aristeidae	Aristeomorpha foliacea (Risso, 1827)
IU-2011-3603	13	BIOPAPUA	CP3671	Arthropoda	Aristeidae	Aristeomorpha foliacea (Risso, 1827)
IU-2011-1288	2	BIOPAPUA	CP3653	Arthropoda	Aristeidae	Aristaeopsis edwardsiana (Johnson, 1867)
IU-2011-2057	1	BIOPAPUA	CP3729	Arthropoda	Aristeidae	Aristaeopsis edwardsiana (Johnson, 1867)
IU-2011-1624	2	BIOPAPUA	CP3650	Arthropoda	Aristeidae	Pseudaristeus sp.
IU-2011-1262	4	BIOPAPUA	CP3651	Arthropoda	Aristeidae	Pseudaristeus sp.
IU-2011-3555	3	BIOPAPUA	CP3750	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2518	1	BIOPAPUA	DW3776	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3007	1	BIOPAPUA	DW3751	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3798	1	BIOPAPUA	CP3690	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2565	1	BIOPAPUA	CP3689	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3243	1	BIOPAPUA	DW3678	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1259	1	BIOPAPUA	DW3775	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1314	1	BIOPAPUA	CP3653	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3431	2	BIOPAPUA	DW3781	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1410	1	BIOPAPUA	CP3722	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1458	1	BIOPAPUA	CP3780	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2340	1	BIOPAPUA	CP3724	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3912	1	BIOPAPUA	CP3660	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3388	1	BIOPAPUA	CP3632	Arthropoda	Nephropidae	Nephrops holthuii Macpherson, 1993
IU-2011-2063	14	BIOPAPUA	CP3713	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1784	5	BIOPAPUA	CP3689	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3494	22	BIOPAPUA	CP3747	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2909	5	BIOPAPUA	CP3681	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3206	35	BIOPAPUA	CP3690	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1048	56	BIOPAPUA	CP3736	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3525	1	BIOPAPUA	CP3686	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3551	1	BIOPAPUA	CP3760	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1888	19	BIOPAPUA	CP3737	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1096	11	BIOPAPUA	CP3666	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1437	19	BIOPAPUA	CP3667	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1086	1	BIOPAPUA	CP3648	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1206	16	BIOPAPUA	CP3744	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-871	1	BIOPAPUA	CP3667	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1831	8	BIOPAPUA	CP3667	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2973	1	BIOPAPUA	CP3762	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-5214	10	BIOPAPUA	CP3639	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2410	5	BIOPAPUA	CP3740	Arthropoda	Nephropidae	Nephrops serrata Macpherson, 1993
IU-2011-1834	1	BIOPAPUA	CP3774	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2092	31	BIOPAPUA	CP3774	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1769	21	BIOPAPUA	CP3736	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3355	3	BIOPAPUA	CP3709	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3550	1	BIOPAPUA	CP3682	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2332	1	BIOPAPUA	CP3647	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2145	1	BIOPAPUA	CP3737	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2595	3	BIOPAPUA	DW3749	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1281	8	BIOPAPUA	CP3714	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2088	12	BIOPAPUA	CP3722	Arthropoda	Nematocarcinidae	Nematocarcinus gracilis Bate, 1888
IU-2011-3530	13	BIOPAPUA	CP3674	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3485	1	BIOPAPUA	DW3765	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-5215	1	BIOPAPUA	CP3707	Arthropoda	Nephropidae	Metanephrops velutinus Chan & Yu, 1991
IU-2011-2551	2	BIOPAPUA	CP3723	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3336	20	BIOPAPUA	CP3731	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3321	12	BIOPAPUA	CP3632	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3574	5	BIOPAPUA	CP3755	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2232	3	BIOPAPUA	CP3718	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1309	6	BIOPAPUA	CP3638	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2283	3	BIOPAPUA	CP3761	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3589	1	BIOPAPUA	CP3682	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1237	16	BIOPAPUA	CP3651	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2170	11	BIOPAPUA	CP3737	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2604	12	BIOPAPUA	CP3741	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1244	1	BIOPAPUA	CP3632	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1208	3	BIOPAPUA	CP3671	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1740	6	BIOPAPUA	CP3750	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2212	3	BIOPAPUA	CP3677	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3044	5	BIOPAPUA	CP3709	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2231	2	BIOPAPUA	CP3716	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1779	5	BIOPAPUA	CP3672	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1407	2	BIOPAPUA	CP3778	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1918	2	BIOPAPUA	CP3717	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1604	27	BIOPAPUA	CP3650	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-5216	11	BIOPAPUA	CP3634	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-1552	1	BIOPAPUA	CP3673	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-953	40	BIOPAPUA	CP3653	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2969	5	BIOPAPUA	CP3691	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1423	13	BIOPAPUA	CP3667	Arthropoda	Nematocarcinidae	Nematocarcinus sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1074	102	BIOPAPUA	CP3730	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2272	1	BIOPAPUA	CP3715	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2104	8	BIOPAPUA	CP3712	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2058	50	BIOPAPUA	CP3729	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-1335	1	BIOPAPUA	CP3744	Arthropoda	Parapaguridae	Sympagurus sp.
IU-2011-3832	1	BIOPAPUA	CP3651	Arthropoda	Parapaguridae	Sympagurus sp.
IU-2011-1397	2	BIOPAPUA	CP3669	Arthropoda	Parapaguridae	Sympagurus sp.
IU-2011-2342	1	BIOPAPUA	CP3654	Arthropoda	Parapaguridae	Sympagurus sp.
IU-2011-3015	1	BIOPAPUA	CP3682	Arthropoda	Parapaguridae	Sympagurus sp.
IU-2011-3501	1	BIOPAPUA	CP3691	Arthropoda	Parapaguridae	Sympagurus sp.
IU-2011-1879	4	BIOPAPUA	CP3651	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-1837	2	BIOPAPUA	CP3670	Arthropoda	Inachidae	Cyrtomaia sp.
IU-2011-1694	2	BIOPAPUA	CP3721	Arthropoda	Inachidae	Cyrtomaia sp.
IU-2011-2281	1	BIOPAPUA	CP3722	Arthropoda	Inachidae	Cyrtomaia sp.
IU-2011-2598	2	BIOPAPUA	CP3743	Arthropoda	Inachidae	Cyrtomaia sp.
IU-2011-1897	1	BIOPAPUA	DW3719	Arthropoda	Inachidae	Cyrtomaia sp.
IU-2011-2041	1	BIOPAPUA	CP3736	Arthropoda	Inachidae	Cyrtomaia sp.
IU-2011-1158	1	BIOPAPUA	CP3659	Arthropoda	Inachidae	Cyrtomaia sp.
IU-2011-2268	5	BIOPAPUA	CP3693	Arthropoda	Inachidae	Cyrtomaia sp.
IU-2011-2129	1	BIOPAPUA	DW3719	Arthropoda	Paguridae	Paguridae
IU-2011-2827	8	BIOPAPUA	CP3747	Arthropoda	Paguridae	Paguridae
IU-2011-2066	10	BIOPAPUA	DW3719	Arthropoda	Paguridae	Paguridae
IU-2011-1474	1	BIOPAPUA	CP3669	Arthropoda	Paguridae	Paguridae
IU-2011-2137	2	BIOPAPUA	CP3761	Arthropoda	Paguridae	Paguridae
IU-2011-2692	6	BIOPAPUA	CP3691	Arthropoda	Paguridae	Paguridae
IU-2011-1607	2	BIOPAPUA	DW3719	Arthropoda	Paguridae	Paguridae
IU-2011-2560	1	BIOPAPUA	CP3721	Arthropoda	Paguridae	Paguridae
IU-2011-1154	1	BIOPAPUA	CP3632	Arthropoda	Paguridae	Paguridae
IU-2011-2760	120	BIOPAPUA	DW3754	Arthropoda	Paguridae	Paguridae
IU-2011-2787	10	BIOPAPUA	CP3762	Arthropoda	Paguridae	Paguridae
IU-2011-2691	1	BIOPAPUA	CP3760	Arthropoda	Paguridae	Paguridae
IU-2011-1829	1	BIOPAPUA	CP3710	Arthropoda	Paguridae	Paguridae
IU-2011-3535	3	BIOPAPUA	CP3658	Arthropoda	Paguridae	Paguridae
IU-2011-2021	30	BIOPAPUA	CP3755	Arthropoda	Paguridae	Paguridae
IU-2011-3212	13	BIOPAPUA	CP3646	Arthropoda	Paguridae	Paguridae
IU-2011-2609	20	BIOPAPUA	CP3761	Arthropoda	Paguridae	Paguridae
IU-2011-3004	1	BIOPAPUA	CP3760	Arthropoda	Paguridae	Paguridae
IU-2011-2519	1	BIOPAPUA	DW3749	Arthropoda	Paguridae	Paguridae
IU-2011-2110	1	BIOPAPUA	CP3743	Arthropoda	Paguridae	Paguridae
IU-2011-2779	1	BIOPAPUA	CP3756	Arthropoda	Paguridae	Paguridae
IU-2011-2764	1	BIOPAPUA	DW3757	Arthropoda	Paguridae	Paguridae
IU-2011-3083	1	BIOPAPUA	CP3689	Arthropoda	Paguridae	Paguridae
IU-2011-5217	5	BIOPAPUA	DW3749	Arthropoda	Paguridae	Paguridae
IU-2011-3408	3	BIOPAPUA	CP3658	Arthropoda	Paguridae	Paguridae
IU-2011-3417	1	BIOPAPUA	DW3781	Arthropoda	Paguridae	Paguridae
IU-2011-2535	2	BIOPAPUA	CP3759	Arthropoda	Paguridae	Paguridae
IU-2011-1240	3	BIOPAPUA	CP3671	Arthropoda	Paguridae	Paguridae
IU-2011-3300	2	BIOPAPUA	CP3691	Arthropoda	Paguridae	Paguridae
IU-2011-1517	3	BIOPAPUA	CP3630	Arthropoda	Paguridae	Paguridae
IU-2011-3364	1	BIOPAPUA	CP3712	Arthropoda	Paguridae	Paguridae
IU-2011-1514	2	BIOPAPUA	CP3635	Arthropoda	Paguridae	Paguridae
IU-2011-2689	1	BIOPAPUA	CP3690	Arthropoda	Paguridae	Paguridae
IU-2011-1114	1	BIOPAPUA	CP3700	Arthropoda	Paguridae	Paguridae
IU-2011-2029	1	BIOPAPUA	CP3707	Arthropoda	Paguridae	Paguridae
IU-2011-2931	4	BIOPAPUA	CP3759	Arthropoda	Paguridae	Paguridae
IU-2011-1645	1	BIOPAPUA	CP3659	Arthropoda	Paguridae	Paguridae
IU-2011-1273	2	BIOPAPUA	DW3696	Arthropoda	Paguridae	Paguridae
IU-2011-2016	1	BIOPAPUA	CP3714	Arthropoda	Paguridae	Paguridae
IU-2011-3179	1	BIOPAPUA	DW3748	Arthropoda	Paguridae	Paguridae
IU-2011-893	2	BIOPAPUA	DW3734	Arthropoda	Paguridae	Paguridae
IU-2011-2947	1	BIOPAPUA	DW3748	Arthropoda	Paguridae	Paguridae
IU-2011-3266	1	BIOPAPUA	CP3672	Arthropoda	Paguridae	Paguridae
IU-2011-1997	3	BIOPAPUA	CP3702	Arthropoda	Paguridae	Paguridae
IU-2011-2741	3	BIOPAPUA	CP3756	Arthropoda	Paguridae	Paguridae
IU-2011-2776	6	BIOPAPUA	DW3749	Arthropoda	Paguridae	Paguridae
IU-2011-1034	1	BIOPAPUA	DW3732	Arthropoda	Paguridae	Paguridae
IU-2011-2169	5	BIOPAPUA	CP3761	Arthropoda	Paguridae	Paguridae
IU-2011-1121	1	BIOPAPUA	DW3734	Arthropoda	Paguridae	Paguridae
IU-2011-1274	1	BIOPAPUA	CP3671	Arthropoda	Paguridae	Paguridae
IU-2011-2735	3	BIOPAPUA	CP3689	Arthropoda		Paguroidea
IU-2011-3392	11	BIOPAPUA	CP3691	Arthropoda		Paguroidea
IU-2011-3250	1	BIOPAPUA	CP3656	Arthropoda		Paguroidea
IU-2011-3267	1	BIOPAPUA	CP3656	Arthropoda		Paguroidea
IU-2011-3396	1	BIOPAPUA	CP3656	Arthropoda		Paguroidea
IU-2011-2488	1	BIOPAPUA	CP3760	Arthropoda		Paguroidea
IU-2011-1491	2	BIOPAPUA	CP3635	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-1653	1	BIOPAPUA	CP3708	Arthropoda	Paguridae	Xylopagurus sp.
IU-2011-2705	1	BIOPAPUA	CP3691	Arthropoda	Paguridae	Xylopagurus sp.
IU-2011-2632	1	BIOPAPUA	CP3645	Arthropoda	Paguridae	Turleania multispina McLaughlin
IU-2011-2142	1	BIOPAPUA	CP3707	Arthropoda	Paguridae	Xylopagurus sp.
IU-2011-3806	1	BIOPAPUA	CP3645	Arthropoda	Paguridae	Nematopagurus sp.
IU-2011-1806	2	BIOPAPUA	CP3701	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-1696	30	BIOPAPUA	CP3742	Arthropoda	Paguridae	Alainopaguroides lemairei McLaughlin, 1997
IU-2011-3353	7	BIOPAPUA	CP3664	Arthropoda		Paguroidea
IU-2011-2493	101	BIOPAPUA	CP3760	Arthropoda	Parapaguridae	Strobopagurus sp.
IU-2011-2099	2	BIOPAPUA	DW3732	Arthropoda	Paguridae	Nematopagurus sp.
IU-2011-1652	1	BIOPAPUA	CP3645	Arthropoda	Paguridae	Nematopagurus sp.
IU-2011-1524	5	BIOPAPUA	DW3641	Arthropoda		Paguroidea
IU-2011-2448	1	BIOPAPUA	CP3693	Arthropoda	Paguridae	Xylopagurus sp.
IU-2011-1573	1	BIOPAPUA	DW3668	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-2949	16	BIOPAPUA	DW3748	Arthropoda	Paguridae	Turleania sp.
IU-2011-1389	1	BIOPAPUA	CP3669	Arthropoda	Paguridae	Xylopagurus sp.
IU-2011-3042	1	BIOPAPUA	DW3757	Arthropoda	Paguridae	Nematopagurus sp.
IU-2011-3217	2	BIOPAPUA	CP3736	Arthropoda		Paguroidea
IU-2011-3909	2	BIOPAPUA	DW3641	Arthropoda	Paguridae	Turleania multispina McLaughlin
IU-2011-2867	1	BIOPAPUA	DW3699	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-2402	1	BIOPAPUA	DW3770	Arthropoda	Paguridae	Pylopaguroopsis sp.
IU-2011-3373	1	BIOPAPUA	CP3633	Arthropoda	Paguridae	Xylopagurus sp.
IU-2011-1383	3	BIOPAPUA	CP3669	Arthropoda	Paguridae	Nematopagurus sp.
IU-2011-2349	1	BIOPAPUA	CP3681	Arthropoda	Paguridae	Paguroidea
IU-2011-1097	1	BIOPAPUA	DW3732	Arthropoda	Paguridae	Nematopagurus sp.
IU-2011-2334	1	BIOPAPUA	CP3639	Arthropoda	Paguridae	Pylopaguroopsis sp.
IU-2011-2872	1	BIOPAPUA	CP3708	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-3051	1	BIOPAPUA	CP3692	Arthropoda	Paguridae	Xylopagurus sp.
IU-2011-2727	1	BIOPAPUA	CP3686	Arthropoda	Paguridae	Paguroidea
IU-2011-3356	30	BIOPAPUA	CP3739	Arthropoda	Paguridae	Alainopaguroides lemairei McLaughlin, 1997

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-1487	2	BIO PAPUA	CP3665	Arthropoda	Paguridae	<i>Pseudopagurodes piliferus</i> (Henderson, 1888)
IU-2011-1559	3	BIO PAPUA	CP3634	Arthropoda	Paguridae	<i>Pseudopagurodes piliferus</i> (Henderson, 1888)
IU-2011-2118	1	BIO PAPUA	CP3682	Arthropoda	Paguridae	<i>Pseudopagurodes</i> sp.
IU-2011-3129	1	BIO PAPUA	CP3632	Arthropoda	Paguridae	<i>Pseudopagurodes</i> sp.
IU-2011-1057	4	BIO PAPUA	CP3736	Arthropoda	Paguridae	<i>Michelopagurus</i> sp.
IU-2011-1494	2	BIO PAPUA	CP3651	Arthropoda	Paguridae	<i>Michelopagurus</i> sp.
IU-2011-1363	2	BIO PAPUA	CP3744	Arthropoda	Paguridae	<i>Michelopagurus</i> sp.
IU-2011-3493	1	BIO PAPUA	CP3760	Arthropoda	Paguridae	<i>Chanopagurus</i> sp.
IU-2011-2407	1	BIO PAPUA	CP3742	Arthropoda	Paguridae	<i>Propagurus</i> sp.
IU-2011-2879	5	BIO PAPUA	CP3760	Arthropoda	Paguridae	<i>Dentalopagurus</i> sp.
IU-2011-3014	1	BIO PAPUA	DW3751	Arthropoda	Paguridae	<i>Dentalopagurus</i> sp.
IU-2011-2412	4	BIO PAPUA	CP3760	Arthropoda	Paguridae	<i>Bathypaguropsis</i> sp.
IU-2011-2980	1	BIO PAPUA	DW3753	Arthropoda	Paguridae	<i>Bathypaguropsis</i> sp.
IU-2011-968	1	BIO PAPUA	CP3654	Arthropoda	Paguridae	<i>Bathypaguropsis</i> sp.
IU-2011-3868	1	BIO PAPUA	CP3697	Arthropoda	Paguridae	<i>Catapagurus</i> sp.
IU-2011-1343	2	BIO PAPUA	CP3744	Arthropoda	Paguridae	<i>Catapagurus</i> sp.
IU-2011-2993	18	BIO PAPUA	CP3760	Arthropoda	Paguridae	<i>Catapagurus</i> sp.
IU-2011-2934	1	BIO PAPUA	DW3748	Arthropoda	Paguridae	<i>Catapagurus</i> sp.
IU-2011-3023	2	BIO PAPUA	CP3739	Arthropoda	Paguridae	<i>Catapagurus</i> sp.
IU-2011-1567	3	BIO PAPUA	DW3668	Arthropoda	Paguridae	<i>Catapagurus</i> sp.
IU-2011-5218	10	BIO PAPUA	CP3760	Arthropoda	Parapaguridae	<i>Sympagurus</i> sp.
IU-2011-1692	1	BIO PAPUA	CP3708	Arthropoda	Parapaguridae	<i>Parapaguridae</i>
IU-2011-2974	29	BIO PAPUA	CP3760	Arthropoda	Parapaguridae	<i>Paragiopagurus</i> sp.
IU-2011-3133	1	BIO PAPUA	DW3688	Arthropoda	Parapaguridae	<i>Paragiopagurus</i> sp.
IU-2011-1212	5	BIO PAPUA	CP3653	Arthropoda	Parapaguridae	<i>Paragiopagurus</i> sp.
IU-2011-1720	4	BIO PAPUA	CP3728	Arthropoda	Parapaguridae	<i>Paragiopagurus</i> sp.
IU-2011-1040	1	BIO PAPUA	DW3732	Arthropoda	Parapaguridae	<i>Paragiopagurus</i> sp.
IU-2011-2932	10	BIO PAPUA	DW3748	Arthropoda	Parapaguridae	<i>Paragiopagurus</i> sp.
IU-2011-1922	2	BIO PAPUA	CP3710	Arthropoda	Parapaguridae	<i>Paragiopagurus</i> sp.
IU-2011-2168	7	BIO PAPUA	CP3714	Arthropoda	Parapaguridae	<i>Paragiopagurus</i> sp.
IU-2011-2513	1	BIO PAPUA	CP3659	Arthropoda	Paguridae	<i>Propagurus</i> sp.
IU-2011-1355	1	BIO PAPUA	CP3639	Arthropoda	Parapaguridae	<i>Parapagurus</i> sp.
IU-2011-2836	3	BIO PAPUA	CP3693	Arthropoda	Parapaguridae	<i>Parapaguridae</i>
IU-2011-2562	1	BIO PAPUA	CP3750	Arthropoda	Parapaguridae	<i>Parapaguridae</i>
IU-2011-2217	1	BIO PAPUA	CP3714	Arthropoda	Parapaguridae	<i>Parapaguridae</i>
IU-2011-1676	5	BIO PAPUA	CP3723	Arthropoda	Parapaguridae	<i>Parapaguridae</i>
IU-2011-2216	1	BIO PAPUA	CP3718	Arthropoda	Parapaguridae	<i>Parapaguridae</i>
IU-2011-1138	76	BIO PAPUA	CP3653	Arthropoda	Parapaguridae	<i>Strobopagurus</i> sp.
IU-2011-3138	7	BIO PAPUA	CP3632	Arthropoda	Parapaguridae	<i>Sympagurus</i> sp.
IU-2011-1347	1	BIO PAPUA	CP3744	Arthropoda		<i>Megalopa</i> sp.
IU-2011-1104	1	BIO PAPUA	CP3631	Arthropoda	Parapaguridae	<i>Oncopagurus</i> sp.
IU-2011-1550	14	BIO PAPUA	CP3633	Arthropoda	Parapaguridae	<i>Oncopagurus</i> sp.
IU-2011-1152	1	BIO PAPUA	DW3641	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-3489	6	BIO PAPUA	CP3682	Arthropoda	Palinuridae	<i>Puerulus velutinus</i> Holthuis, 1963
IU-2011-2037	3	BIO PAPUA	CP3682	Arthropoda	Palinuridae	<i>Puerulus velutinus</i> Holthuis, 1963
IU-2011-2757	2	BIO PAPUA	CP3681	Arthropoda	Palinuridae	<i>Puerulus velutinus</i> Holthuis, 1963
IU-2011-1093	1	BIO PAPUA	CP3648	Arthropoda	Palinuridae	<i>Puerulus velutinus</i> Holthuis, 1963
IU-2011-2976	1	BIO PAPUA	CP3691	Arthropoda	Palinuridae	<i>Puerulus velutinus</i> Holthuis, 1963
IU-2011-2154	1	BIO PAPUA	CP3721	Arthropoda	Palinuridae	<i>Puerulus</i> sp.
IU-2011-1594	1	BIO PAPUA	CP3693	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-1122	1	BIO PAPUA	DW3732	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-2304	2	BIO PAPUA	CP3712	Arthropoda	Palinuridae	<i>Puerulus velutinus</i> Holthuis, 1963
IU-2011-5219	1	BIO PAPUA	CP3693	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-1797	1	BIO PAPUA	CP3717	Arthropoda	Crangonidae	<i>Metacrangon</i> sp.
IU-2011-5254	1	BIO PAPUA	NO DATA	Arthropoda	Leucosiidae	<i>Arcania</i> sp.
IU-2011-5255	1	BIO PAPUA	NO DATA	Arthropoda	Ethusidae	<i>Ethusa</i> sp.
IU-2011-5256	3	BIO PAPUA	NO DATA	Arthropoda	Epialtidae	<i>Griphinia</i> sp.
IU-2011-5257	1	BIO PAPUA	NO DATA	Arthropoda	Pinnotheridae	<i>Pinnotheridae</i>
IU-2011-5258	1	BIO PAPUA	NO DATA	Arthropoda	Pylochelidae	<i>Bathycheles</i> sp.
IU-2011-5259	1	BIO PAPUA	NO DATA	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon faxoni</i> De Man, 1918
IU-2011-2685	1	BIO PAPUA	CP3761	Arthropoda	Geryonidae	<i>Chaceon granulatus</i> (Sakai, 1978)
IU-2011-3277	1	BIO PAPUA	CP3633	Arthropoda	Progernonyidae	<i>Rhadinoplax micropthalmus</i> (Guinot & Richer de Forges, 1981)
IU-2011-2683	1	BIO PAPUA	CP3653	Arthropoda	Inachidae	<i>Cyrtomaia</i> sp.
IU-2011-2649	1	BIO PAPUA	DW3732	Arthropoda	Majidae	<i>Majidae</i>
IU-2011-3891	1	BIO PAPUA	CP3653	Arthropoda	Epiplatidae	<i>Oxyleurodon</i> sp.
IU-2011-3898	1	BIO PAPUA	DW3770	Arthropoda	Majidae	<i>Maja</i> sp.
IU-2011-3840	1	BIO PAPUA	CP3724	Arthropoda	Psalidopodidae	<i>Psalidopus huxleyi</i> Wood-Mason & Alcock, 1892
IU-2011-3888	1	BIO PAPUA	CP3653	Arthropoda	Parapaguridae	<i>Strobopagurus</i> sp.
IU-2011-3883	1	BIO PAPUA	CP3715	Arthropoda	Nematocarcinidae	<i>Nematocarcinus</i> sp.
IU-2011-2676	1	BIO PAPUA	CP3739	Arthropoda	Goneplacidae	<i>Psopehicus</i> sp.
IU-2011-3902	1	BIO PAPUA	CP3729	Arthropoda	Solenoceridae	<i>Haliporus taprobanensis</i> Alcock & Anderson, 1899
IU-2011-3662	1	BIO PAPUA	CP3646	Arthropoda	Penaeidae	<i>Penaeopsis</i> sp.
IU-2011-5260	1	BIO PAPUA	CP3650	Arthropoda	Nephropidae	<i>Nephropsis sulcata</i> Macpherson, 1990
IU-2011-2877	1	BIO PAPUA	CP3774	Arthropoda	Aristeidae	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)
IU-2011-3853	1	BIO PAPUA	CP3646	Arthropoda	Glyphocrangonidae	<i>Glyphocrangon pugnax</i> De Man, 1918
IU-2011-3843	1	BIO PAPUA	CP3645	Arthropoda	Crangonidae	<i>Parapontocaris levigata</i> Chace, 1984
IU-2011-3825	1	BIO PAPUA	DW3720	Arthropoda	Sicyonidae	<i>Sicyonia</i> sp.
IU-2011-2655	1	BIO PAPUA	CP3667	Arthropoda	Psalidopodidae	<i>Psalidopus huxleyi</i> Wood-Mason & Alcock, 1892
IU-2011-5261	1	BIO PAPUA	CP3774	Arthropoda	Inachidae	<i>Inachidae</i>
IU-2011-3884	1	BIO PAPUA	DW3767	Arthropoda	Diogenidae	<i>Paguristes</i> sp.
IU-2011-3568	1	BIO PAPUA	DW3719	Arthropoda	Latreilliidae	<i>Epilumia</i> sp.
IU-2011-2679	1	BIO PAPUA	CP3739	Arthropoda	Inachidae	<i>Platymaia</i> sp.
IU-2011-2813	1	BIO PAPUA	CP3744	Arthropoda	Bathysquillidae	<i>Bathysquilla</i> sp.
IU-2011-3060	1	BIO PAPUA	CP3711	Arthropoda	Pandalidae	<i>Heterocarpus corona</i> Yang, Chan & Chu, 2010
IU-2011-5262	2	BIO PAPUA	CP3653	Arthropoda	Parapaguridae	<i>Sympagurus</i> sp.
IU-2011-3846	1	BIO PAPUA	CP3729	Arthropoda	Homolidae	<i>Paromolopsis boasi</i> Wood Mason & Alcock, 1891
IU-2011-3848	1	BIO PAPUA	DW3771	Arthropoda	Parthenopidae	<i>Garthambus</i> sp.
IU-2011-2782	1	BIO PAPUA	CP3650	Arthropoda	Ophelophoridae	<i>Systellaspis debilis</i> (A. Milne-Edwards, 1881)
IU-2011-3828	1	BIO PAPUA	CP3743	Arthropoda	Stenopodiidae	<i>Engystenopus palmipes</i> Alcock & Anderson, 1894
IU-2011-3892	1	BIO PAPUA	CP3651	Arthropoda	Paguridae	<i>Chanopagurus</i> sp.
IU-2011-3826	1	BIO PAPUA	CP3647	Arthropoda	Cirolanidae	<i>Bathynomus</i> sp.
IU-2011-3876	1	BIO PAPUA	CP3658	Arthropoda	Solenoceridae	<i>Cryptopenaeus</i> sp.
IU-2011-3162	1	BIO PAPUA	CP3759	Arthropoda	Pandalidae	<i>Plesionika ensis</i> (A. Milne-Edwards, 1881b)
IU-2011-3070	1	BIO PAPUA	CP3653	Arthropoda	Solenoceridae	<i>Hymenopenaeus</i> sp.
IU-2011-4480	1	BIO PAPUA	CP3639	Arthropoda	Axiidae	<i>Calaxius</i> sp.
IU-2011-2681	1	BIO PAPUA	CP3739	Arthropoda	Chiostylidae	<i>Uroptychus</i> sp.
IU-2011-3011	1	BIO PAPUA	CP3728	Arthropoda	Eugonatonotidae	<i>Eugonatonotus chacei</i> Chan & Yu, 1991
IU-2011-3528	3	BIO PAPUA	CP3650	Arthropoda	Nematocarcinidae	<i>Nematocarcinus</i> sp.
IU-2011-3405	1	BIO PAPUA	CP3655	Arthropoda	Pandalidae	<i>Plesionika semilaevis</i> Bate, 1888
IU-2011-2805	1	BIO PAPUA	CP3744	Arthropoda	Psalidopodidae	<i>Psalidopus huxleyi</i> Wood-Mason & Alcock, 1892
IU-2011-2876	1	BIO PAPUA	CP3647	Arthropoda	Cirolanidae	<i>Bathynomus brucei</i> Lowry & Dempsey, 2006
IU-2011-3079	1	BIO PAPUA	DW3641	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-3982	1	BIO PAPUA	DW3751	Arthropoda	Ophelophoridae	<i>Ophelophorus typus</i> H. Milne Edwards, 1837 [in Milne Edwards, 1834-1840]
IU-2011-3835	1	BIO PAPUA	CP3653	Arthropoda	Leucosiidae	<i>Tanaoa</i> sp.
IU-2011-2914	1	BIO PAPUA	CP3759	Arthropoda	Sicyoniidae	<i>Sicyonia</i> sp.
IU-2011-3831	1	BIO PAPUA	CP3655	Arthropoda	Crangonidae	<i>Lissosabinea indica</i> (De Man, 1918b)

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-3877	1	BIO PAPUA	DW3767	Arthropoda	Axiidae	Calaxius sp.
IU-2011-5263	1	BIO PAPUA	CP3655	Arthropoda	Crangonidae	Lissosabinea unispinosa Komai, 2006a
IU-2011-3847	1	BIO PAPUA	CP3651	Arthropoda	Hippolytidae	Lebbeus sp.
IU-2011-2614	1	BIO PAPUA	CP3653	Arthropoda	Pandalidae	Plesionika alcocki (Anderson, 1896)
IU-2011-3842	1	BIO PAPUA	DW3720	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-2862	1	BIO PAPUA	CP3655	Arthropoda	Penaeidae	Penaeopsis sp.
IU-2011-5264	1	BIO PAPUA	CP3742	Arthropoda	Styloactylidae	Parastyloactylus sp.
IU-2011-5265	1	BIO PAPUA	DW3641	Arthropoda	Paguridae	Nematopagurus sp.
IU-2011-3890	1	BIO PAPUA	DW3771	Arthropoda	Micheleidae	Meticonaxius sp.
IU-2011-2645	1	BIO PAPUA	CP3728	Arthropoda	Penaeidae	Parapenaeus sp.
IU-2011-3294	1	BIO PAPUA	CP3638	Arthropoda	Solenoceridae	Haliporus sp.
IU-2011-3269	1	BIO PAPUA	CP3638	Arthropoda	Glyphocrangonidae	Glyphocrangon regalis Bate, 1888
IU-2011-3171	1	BIO PAPUA	DW3757	Arthropoda	Portunidae	Portunidae
IU-2011-3821	1	BIO PAPUA	DW3745	Arthropoda	Parapaguridae	Paragiopagurus sp.
IU-2011-3856	1	BIO PAPUA	CP3645	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-3620	1	BIO PAPUA	CP3759	Arthropoda	Pandalidae	Plesionika quasigrandis Chace, 1985
IU-2011-3136	1	BIO PAPUA	CP3736	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-5266	1	BIO PAPUA	CP3774	Arthropoda	Pandalidae	Heterocarpus lepidus de Man, 1917
IU-2011-2852	1	BIO PAPUA	CP3650	Arthropoda	Solenoceridae	Haliporus taprobanensis Alcock & Anderson, 1899
IU-2011-5267	1	BIO PAPUA	DW3734	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-3882	1	BIO PAPUA	CP3780	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-3650	1	BIO PAPUA	DW3748	Arthropoda	Eugonatonotidae	Eugonatonotus chacei Chan & Yu, 1991
IU-2011-4461	1	BIO PAPUA	CP3778	Arthropoda	Oplophoridae	Acanthephya armata A. Milne-Edwards, 1881
IU-2011-3852	1	BIO PAPUA	CP3645	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-3311	1	BIO PAPUA	CP3653	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-4505	1	BIO PAPUA	CP3651	Arthropoda	Paguridae	Michelopagurus sp.
IU-2011-3019	1	BIO PAPUA	CP3762	Arthropoda	Homolodromiidae	Homolodromiidae
IU-2011-3984	1	BIO PAPUA	CP3645	Arthropoda	Pandalidae	Plesionika martia (A. Milne-Edwards, 1883)
IU-2011-3543	1	BIO PAPUA	CP3728	Arthropoda	Parapaguridae	Sympagurus sp.
IU-2011-2824	1	BIO PAPUA	CP3744	Arthropoda	Nephropidae	Acanthacaris tenuimana Bate, 1888
IU-2011-2962	1	BIO PAPUA	CP3728	Arthropoda	Solenoceridae	Haliporoides sibogae (de Man, 1907)
IU-2011-3216	1	BIO PAPUA	CP3650	Arthropoda	Chirostylidae	Uroptychus sp.
IU-2011-3837	1	BIO PAPUA	CP3717	Arthropoda	Crangonidae	Metacrangon sp.
IU-2011-3863	1	BIO PAPUA	CP3651	Arthropoda	Pandalidae	Plesionika bifurca Alcock & Anderson, 1894
IU-2011-3836	1	BIO PAPUA	CP3759	Arthropoda	Paguridae	Pagurus kaiensis McLaughlin
IU-2011-5268	2	BIO PAPUA	CP3651	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-3081	1	BIO PAPUA	CP3653	Arthropoda	Oplophoridae	Acanthephya armata A. Milne-Edwards, 1881
IU-2011-3824	1	BIO PAPUA	CP3778	Arthropoda	Crangonidae	Metacrangon sp.
IU-2011-3854	1	BIO PAPUA	CP3645	Arthropoda	Solenoceridae	Hadropenaeus lucasi (Bate, 1881)
IU-2011-3849	1	BIO PAPUA	DW3641	Arthropoda	Diogenidae	Paguristes sp.
IU-2011-3397	1	BIO PAPUA	CP3650	Arthropoda	Chirostylidae	Uroptychus sp.
IU-2011-3043	1	BIO PAPUA	CP3653	Arthropoda	Pandalidae	Plesionika martia (A. Milne-Edwards, 1883)
IU-2011-2622	1	BIO PAPUA	CP3759	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-3163	3	BIO PAPUA	CP3650	Arthropoda	Nematocarcinidae	Nematocarcinus sp.
IU-2011-2812	1	BIO PAPUA	CP3635	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2594	1	BIO PAPUA	CP3655	Arthropoda	Chirostylidae	Uroptychus sp.
IU-2011-2697	1	BIO PAPUA	CP3747	Arthropoda	Chirostylidae	Uroptychus sp.
IU-2011-3899	1	BIO PAPUA	CP3755	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-3917	1	BIO PAPUA	CP3646	Arthropoda	Pylochelidae	Cheiroplatea sp.
IU-2011-3786	1	BIO PAPUA	CP3646	Arthropoda	Penaeidae	Hymenopenaeus sp.
IU-2011-2848	1	BIO PAPUA	DW3758	Arthropoda	Sicyoniidae	Sicyonia sp.
IU-2011-2831	1	BIO PAPUA	CP3731	Arthropoda	Nephropidae	Nephrops sulcata Macpherson, 1990
IU-2011-3861	1	BIO PAPUA	CP3747	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-2628	1	BIO PAPUA	CP3648	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-3616	1	BIO PAPUA	CP3653	Arthropoda	Aristeidae	Aristeus sp.
IU-2011-3893	1	BIO PAPUA	CP3655	Arthropoda	Paguridae	Alainopaguroides lemairei McLaughlin, 1997
IU-2011-3867	1	BIO PAPUA	CP3653	Arthropoda	Pasiphaeidae	Pasiphaea sirenkoi Burukovsky, 1987
IU-2011-3167	1	BIO PAPUA	CP3653	Arthropoda	Pandalidae	Heterocarpus dorsalis Bate, 1888
IU-2011-3869	1	BIO PAPUA	CP3639	Arthropoda	Stomatopoda	Stomatopoda
IU-2011-3659	1	BIO PAPUA	DW3763	Arthropoda	Portunidae	Laleoectes sp.
IU-2011-5269	1	BIO PAPUA	CP3724	Arthropoda	Lysianassidae	Trischizostoma sp.
IU-2011-4430	1	BIO PAPUA	CP3651	Arthropoda	Parapaguridae	Parapagurus sp.
IU-2011-2798	1	BIO PAPUA	CP3635	Arthropoda	Palinuridae	Puerulus sp.
IU-2011-2878	1	BIO PAPUA	CP3650	Arthropoda	Aristeidae	Aristeus virilis (Bate, 1881)
IU-2011-3850	1	BIO PAPUA	CP3774	Arthropoda	Sicyoniidae	Sicyonia sp.
IU-2011-3873	1	BIO PAPUA	CP3653	Arthropoda	Crangonidae	Parapontophilus junceus (Bate, 1888)
IU-2011-3901	1	BIO PAPUA	CP3710	Arthropoda	Raninidae	Lyreidus sp.
IU-2011-3149	1	BIO PAPUA	CP3655	Arthropoda	Penaeidae	Metapenaeopsis sp.
IU-2011-2642	1	BIO PAPUA	CP3650	Arthropoda	Sergestidae	Sergestes sp.
IU-2011-4515	1	BIO PAPUA	DW3745	Arthropoda	Leucosiidae	Ebalia sp.
IU-2011-5270	1	BIO PAPUA	CP3653	Arthropoda	Goneplaciidae	Pycnoplax sp.
IU-2011-2671	1	BIO PAPUA	CP3634	Arthropoda	Portunidae	Portunidae
IU-2011-2870	1	BIO PAPUA	CP3759	Arthropoda	Homolidae	Homola sp.
IU-2011-3834	1	BIO PAPUA	CP3651	Arthropoda	Oplophoridae	Systellaspis cristata (Faxon, 1893)
IU-2011-3860	1	BIO PAPUA	DW3748	Arthropoda	Crangonidae	Lissosabinea indica (De Man, 1918b)
IU-2011-3166	1	BIO PAPUA	CP3650	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-3859	1	BIO PAPUA	CP3655	Arthropoda	Epiatidae	Rochinia sp.
IU-2011-3878	1	BIO PAPUA	CP3653	Arthropoda	Epiatidae	Rochinia sp.
IU-2011-3845	1	BIO PAPUA	CP3774	Arthropoda	Epiatidae	Goniopugettia sp.
IU-2011-4502	1	BIO PAPUA	CP3645	Arthropoda	Epiatidae	Epiatidae
IU-2011-3565	1	BIO PAPUA	CP3655	Arthropoda	Epiatidae	Epiatidae
IU-2011-4404	1	BIO PAPUA	CP3645	Arthropoda	Epiatidae	Epiatidae
IU-2011-3880	1	BIO PAPUA	CP3647	Arthropoda	Epiatidae	Pugettia sp.
IU-2011-3870	1	BIO PAPUA	DW3776	Arthropoda	Epiatidae	Pugettia sp.
IU-2011-3656	1	BIO PAPUA	CP3723	Arthropoda	Gonoplacoidea	Gonoplacoidea
IU-2011-3127	1	BIO PAPUA	CP3648	Arthropoda	Acanthonotozomatidae	Acanthonotozomatidae
IU-2011-3855	1	BIO PAPUA	CP3653	Arthropoda	Pylochelidae	Trizocheles sp.
IU-2011-2908	1	BIO PAPUA	CP3711	Arthropoda	Palinuridae	Puerulus sp.
IU-2011-3096	1	BIO PAPUA	CP3650	Arthropoda	Parapaguridae	Oncopagurus sp.
IU-2011-3420	1	BIO PAPUA	CP3647	Arthropoda	Palinuridae	Puerulus velutinus Holthuis, 1963
IU-2011-2809	1	BIO PAPUA	CP3635	Arthropoda	Homolidae	Paromolopsis boasi Wood Mason & Alcock, 1891
IU-2011-2806	1	BIO PAPUA	DW3745	Arthropoda	Paguridae	Nematopagurus sp.
IU-2011-4427	1	BIO PAPUA	DW3748	Arthropoda	Parapaguridae	Strobopagurus sp.
IU-2011-3474	1	BIO PAPUA	CP3728	Arthropoda	Raninidae	Raninidae
IU-2011-3864	1	BIO PAPUA	CP3645	Arthropoda	Leucosiidae	Leucosiidae
IU-2011-3858	1	BIO PAPUA	CP3755	Arthropoda	Spongicolidae	Spongicolaris sp.
IU-2011-3152	1	BIO PAPUA	CP3650	Arthropoda	Glyphocrangonidae	Glyphocrangon regalis Bate, 1888
IU-2011-3157	1	BIO PAPUA	CP3759	Arthropoda	Pandalidae	Plesionika carsini Crosnier, 1986
IU-2011-3158	1	BIO PAPUA	CP3655	Arthropoda	Pandalidae	Heterocarpus sibogae de Man, 1917
IU-2011-3144	1	BIO PAPUA	CP3655	Arthropoda	Solenoceridae	Hadropenaeus lucasi (Bate, 1881)
IU-2011-3086	1	BIO PAPUA	CP3650	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-2738	1	BIO PAPUA	CP3759	Arthropoda	Styloactylidae	Styloactylus sp.
IU-2011-3605	1	BIO PAPUA	CP3650	Arthropoda	Inachidae	Rhinospinosa sp.
IU-2011-2621	1	BIO PAPUA	CP3650	Arthropoda	Benthescymidae	Benthescymus sp.
IU-2011-3087	1	BIO PAPUA	DW3745	Arthropoda	Pylochelidae	Trizocheles sp.
IU-2011-3841	1	BIO PAPUA	CP3647	Arthropoda	Sicyoniidae	Sicyonia sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-3082	1	BIOPAPUA	CP3759	Arthropoda	Raninidae	Urnalia sp.
IU-2011-3862	1	BIOPAPUA	CP3755	Arthropoda	Crangonidae	Aegaeon Rathbuni de Man, 1918
IU-2011-2832	1	BIOPAPUA	CP3655	Arthropoda	Pandalidae	Heterocarpus woodmasoni Alcock, 1901
IU-2011-3887	1	BIOPAPUA	DW3745	Arthropoda	Diogenidae	Areopaguristes sp.
IU-2011-3418	1	BIOPAPUA	CP3650	Arthropoda	Solenoceridae	Hymenopenaeus sp.
IU-2011-4516	1	BIOPAPUA	DW3777	Arthropoda	Pandalidae	Heterocarpus gibbosus Bate, 1888
IU-2011-3161	1	BIOPAPUA	CP3759	Arthropoda	Pandalidae	Plesionika hseuhui Chan, 2004
IU-2011-960	1	BIOPAPUA	CP3653	Arthropoda	Pandalidae	Plesionika semilaevis Bate, 1888
IU-2011-3107	1	BIOPAPUA	CP3648	Arthropoda	Glyphocrangonidae	Glyphocrangon indonesiensis Komai, 2004c
IU-2011-3064	1	BIOPAPUA	CP3736	Arthropoda	Nephropidae	Nephrops stewarti Wood-Mason, 1872
IU-2011-2661	1	BIOPAPUA	DW3732	Arthropoda	Homolidae	
IU-2011-3815	1	BIOPAPUA	CP3650	Arthropoda	Ophlophoridae	Styellaspis sp.
IU-2011-3822	1	BIOPAPUA	CP3646	Arthropoda	Solenoceridae	Solenocera sp.
IU-2011-3814	1	BIOPAPUA	CP3646	Arthropoda	Pandalidae	Heterocarpus hayashii Crosnier, 1988
IU-2011-2800	1	BIOPAPUA	CP3638	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-3875	1	BIOPAPUA	CP3655	Arthropoda	Paguridae	Bathypaguropsis sp.
IU-2011-3097	1	BIOPAPUA	CP3634	Arthropoda	Raninidae	Raninidae
IU-2011-2663	1	BIOPAPUA	CP3634	Arthropoda	Pandalidae	Plesionika philippinensis Chace, 1985
IU-2011-3106	1	BIOPAPUA	CP3736	Arthropoda	Pandalidae	Plesionika bifurca Alcock & Anderson, 1894
IU-2011-2684	1	BIOPAPUA	CP3739	Arthropoda	Paguridae	Alainopaguroides sp.
IU-2011-3900	1	BIOPAPUA	CP3711	Arthropoda	Paguridae	Xylopagurus sp.
IU-2011-2635	1	BIOPAPUA	CP3653	Arthropoda	Chirostyliidae	Uroptychus sp.
IU-2011-4474	1	BIOPAPUA	CP3639	Arthropoda	Diogenidae	Areopaguristes sp.
IU-2011-3839	1	BIOPAPUA	DW3775	Arthropoda	Chasmocarcinidae	Chasmocarcinidae
IU-2011-3823	1	BIOPAPUA	CP3653	Arthropoda	Serolidae	Serolidae
IU-2011-3874	1	BIOPAPUA	CP3645	Arthropoda	Stylocactylidae	Stylocactylus sp.
IU-2011-3180	1	BIOPAPUA	DW3732	Arthropoda	Paguridae	Paguridae
IU-2011-3648	1	BIOPAPUA	CP3652	Arthropoda	Chirostyliidae	Uroptychus sp.
IU-2011-2816	1	BIOPAPUA	CP3650	Arthropoda	Arcturidae	Arcturidae
IU-2011-3833	1	BIOPAPUA	CP3647	Arthropoda	Crangonidae	Metacrangon sp.
IU-2011-2954	1	BIOPAPUA	DW3758	Arthropoda	Diogenidae	Paugristes sp.
IU-2011-3897	1	BIOPAPUA	DW3732	Arthropoda	Dromiidae	Dromiidae
IU-2011-3838	1	BIOPAPUA	DW3773	Arthropoda	Axiidae	Eiconaxius sp.
IU-2011-3076	1	BIOPAPUA	DW3732	Arthropoda	Pylochelidae	Pylochelidae
IU-2011-3578	1	BIOPAPUA	DW3732	Arthropoda		Stomatopoda
IU-2011-3578	1	BIOPAPUA	DW3732	Arthropoda	Chirostyliidae	Uroptychus sp.
IU-2011-3817	1	BIOPAPUA	DW3766	Arthropoda	Mysidae	Mysidae
IU-2011-3785	1	BIOPAPUA	DW3772	Arthropoda	Diogenidae	Pseudopaguristes sp.
IU-2011-3809	1	BIOPAPUA	DW3641	Arthropoda	Pylochelidae	Bathycheles sp.
IU-2011-3885	1	BIOPAPUA	CP3646	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-3428	1	BIOPAPUA	CP3635	Arthropoda	Lithodidae	Neolithodes
IU-2011-2572	1	BIOPAPUA	CP3718	Arthropoda	Paguridae	Nematopagurus sp.
IU-2011-2658	1	BIOPAPUA	CP3634	Arthropoda	Spongicolidae	Globospongicola sp.
IU-2011-3055	1	BIOPAPUA	CP3761	Arthropoda	Hexapodidae	Hexapodidae
IU-2011-3058	1	BIOPAPUA	CP3711	Arthropoda	Alpheidae	Alpheus sp.
IU-2011-3895	1	BIOPAPUA	CP3711	Arthropoda	Lysianassidae	Trischizostoma sp.
IU-2011-3896	1	BIOPAPUA	CP3724	Arthropoda	Amphipoda	Amphipoda
IU-2011-3922	1	BIOPAPUA	CP3653	Arthropoda	Xanthidae	Xanthidae
IU-2011-3633	1	BIOPAPUA	CP3639	Arthropoda	Sergestidae	Sergestidae
IU-2011-3807	1	BIOPAPUA	CP3660	Arthropoda	Cyclodorippidae	Tymolus sp.
IU-2011-3818	1	BIOPAPUA	CP3653	Arthropoda	Trapeziidae	Trapeziidae
IU-2011-3637	1	BIOPAPUA	CP3639	Arthropoda	Xanthidae	Isopoda
IU-2011-3654	1	BIOPAPUA	CP3639	Arthropoda	Solenoceridae	Maximiliaeus odoceros
IU-2011-3789	1	BIOPAPUA	CP3653	Arthropoda	Solenoceridae	Maximiliaeus odoceros
IU-2011-3820	1	BIOPAPUA	CP3653	Arthropoda	Turridae	Gemmula sp.
IU-2011-5393	1	BIOPAPUA	CP3646	Arthropoda	Turridae	Gemmula sp.
IU-2011-5394	2	BIOPAPUA	CP3645	Arthropoda	Turridae	Unedogemmula sp.
IM-2009-16941	1	BIOPAPUA	CP3646	Arthropoda	Turridae	Gemmula sp.
IM-2009-16942	1	BIOPAPUA	CP3646	Arthropoda	Turridae	Gemmula sp.
IM-2009-16943	1	BIOPAPUA	CP3701	Arthropoda	Turridae	Unedogemmula sp.
IM-2009-16944	1	BIOPAPUA	CP3701	Mollusca	Turridae	Unedogemmula sp.
IM-2009-16945	1	BIOPAPUA	CP3701	Mollusca	Turridae	Unedogemmula sp.
IM-2009-16946	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmula sp.
IM-2009-16947	1	BIOPAPUA	CP3728	Mollusca	Turridae	Thatcheria sp.
IM-2009-16948	1	BIOPAPUA	CP3707	Mollusca	Turridae	Thatcheria sp.
IM-2009-16949	1	BIOPAPUA	CP3707	Mollusca	Turridae	Thatcheria sp.
IM-2009-16950	1	BIOPAPUA	CP3741	Mollusca	Turridae	Gemmula sp.
IM-2009-16951	1	BIOPAPUA	CP3728	Mollusca	Turridae	Gemmula sp.
IM-2009-16952	1	BIOPAPUA	CP3636	Mollusca	Turridae	Gemmula sp.
IM-2009-16953	1	BIOPAPUA	CP3634	Mollusca	Turridae	Ptychobela sp.
IM-2009-16954	1	BIOPAPUA	CP3666	Mollusca	Turridae	Raphitomidae sp.
IM-2009-16955	1	BIOPAPUA	CP3710	Mollusca	Turridae	Gemmula sp.
IM-2009-16956	1	BIOPAPUA	CP3711	Mollusca	Turridae	Gemmula sp.
IM-2009-16957	1	BIOPAPUA	CP3635	Mollusca	Turridae	Unedogemmula sp.
IM-2009-16958	1	BIOPAPUA	CP3631	Mollusca	Turridae	Raphitomidae sp.
IM-2009-16959	1	BIOPAPUA	CP3710	Mollusca	Turridae	Gemmula sp.
IM-2009-16960	1	BIOPAPUA	CP3728	Mollusca	Turridae	Bathytoma sp.
IM-2009-16961	1	BIOPAPUA	CP3689	Mollusca	Turridae	Borsonia sp.
IM-2009-16962	1	BIOPAPUA	CP3636	Mollusca	Turridae	Gemmula sp.
IM-2009-16963	1	BIOPAPUA	CP3692	Mollusca	Turridae	Gemmula sp.
IM-2009-16964	1	BIOPAPUA	CP3637	Mollusca	Turridae	Bathytoma sp.
IM-2009-16965	1	BIOPAPUA	CP3646	Mollusca	Turridae	Gemmula sp.
IM-2009-16966	1	BIOPAPUA	CP3736	Mollusca	Turridae	Gymnobela sp.
IM-2009-16967	1	BIOPAPUA	CP3728	Mollusca	Turridae	Cochlespira sp.
IM-2009-16968	1	BIOPAPUA	CP3728	Mollusca	Turridae	Cochlespira sp.
IM-2009-16969	1	BIOPAPUA	CP3728	Mollusca	Turridae	Cochlespira sp.
IM-2009-16970	1	BIOPAPUA	CP3665	Mollusca	Turridae	Lophiotoma sp.
IM-2009-16971	1	BIOPAPUA	CP3665	Mollusca	Turridae	Lophiotoma sp.
IM-2009-16972	1	BIOPAPUA	CP3689	Mollusca	Turridae	Leucosyrinx sp.
IM-2009-16973	1	BIOPAPUA	CP3689	Mollusca	Turridae	Leucosyrinx sp.
IM-2009-16974	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmula sp.
IM-2009-16975	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmula sp.
IM-2009-16976	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmula sp.
IM-2009-16977	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmula sp.
IM-2009-16978	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmula sp.
IM-2009-16979	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmula sp.
IM-2009-16980	1	BIOPAPUA	CP3693	Mollusca	Turridae	Unedogemmula sp.
IM-2009-16981	1	BIOPAPUA	CP3693	Mollusca	Turridae	Unedogemmula sp.
IM-2009-16982	1	BIOPAPUA	CP3693	Mollusca	Turridae	Unedogemmula sp.
IM-2009-16983	1	BIOPAPUA	CP3693	Mollusca	Turridae	Unedogemmula sp.
IM-2009-16984	1	BIOPAPUA	CP3693	Mollusca	Turridae	Unedogemmula sp.
IM-2009-16985	1	BIOPAPUA	CP3693	Mollusca	Turridae	Unedogemmula sp.
IM-2009-16986	1	BIOPAPUA	CP3693	Mollusca	Turridae	Gemmula sp.
IM-2009-16987	1	BIOPAPUA	CP3671	Mollusca	Turridae	Leucosyrinx sp.
IM-2009-16988	1	BIOPAPUA	CP3671	Mollusca	Turridae	Leucosyrinx sp.
IM-2009-16989	1	BIOPAPUA	CP3671	Mollusca	Turridae	Leucosyrinx sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IM-2009-16990	1	BIOPAPUA	CP3671	Mollusca	Turridae	Gemmula sp.
IM-2009-16991	1	BIOPAPUA	CP3671	Mollusca	Turridae	Gemmula sp.
IM-2009-16992	1	BIOPAPUA	CP3671	Mollusca	Turridae	Clathurellidae sp.
IM-2009-16993	1	BIOPAPUA	CP3671	Mollusca	Turridae	Clathurellidae sp.
IM-2009-16994	1	BIOPAPUA	CP3671	Mollusca	Turridae	Bathytoma sp.
IM-2009-16995	1	BIOPAPUA	CP3674	Mollusca	Turridae	Leucosyrinx sp.
IM-2009-16996	1	BIOPAPUA	CP3674	Mollusca	Turridae	Borsonia sp.
IM-2009-16997	1	BIOPAPUA	CP3674	Mollusca	Turridae	Turridae sp.
IM-2009-16998	1	BIOPAPUA	CP3674	Mollusca	Turridae	Turridae sp.
IM-2009-16999	1	BIOPAPUA	CP3674	Mollusca	Turridae	Turridae sp.
IM-2009-17000	1	BIOPAPUA	CP3672	Mollusca	Turridae	Turridae sp.
IM-2009-17001	1	BIOPAPUA	CP3674	Mollusca	Turridae	Turridae sp.
IM-2009-17002	1	BIOPAPUA	CP3674	Mollusca	Turridae	Turridae sp.
IM-2009-17003	1	BIOPAPUA	CP3632	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17004	1	BIOPAPUA	CP3690	Mollusca	Turridae	Gemmula sp.
IM-2009-17005	1	BIOPAPUA	CP3690	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17006	1	BIOPAPUA	CP3690	Mollusca	Turridae	Bathytoma sp.
IM-2009-17007	1	BIOPAPUA	CP3690	Mollusca	Turridae	Gemmula sp.
IM-2009-17008	1	BIOPAPUA	CP3690	Mollusca	Turridae	Turridae sp.
IM-2009-17009	1	BIOPAPUA	CP3690	Mollusca	Turridae	Turridae sp.
IM-2009-17010	1	BIOPAPUA	CP3690	Mollusca	Turridae	Turridae sp.
IM-2009-17011	1	BIOPAPUA	CP3671	Mollusca	Turridae	Bathytoma sp.
IM-2009-17012	1	BIOPAPUA	CP3671	Mollusca	Turridae	Bathytoma sp.
IM-2009-17013	1	BIOPAPUA	CP3671	Mollusca	Turridae	Bathytoma sp.
IM-2009-17014	1	BIOPAPUA	CP3671	Mollusca	Turridae	Bathytoma sp.
IM-2009-17015	1	BIOPAPUA	CP3671	Mollusca	Turridae	Bathytoma sp.
IM-2009-17016	1	BIOPAPUA	CP3691	Mollusca	Turridae	Bathytoma sp.
IM-2009-17017	1	BIOPAPUA	CP3691	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17018	1	BIOPAPUA	CP3672	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17019	1	BIOPAPUA	CP3691	Mollusca	Turridae	Thatcheria sp.
IM-2009-17020	1	BIOPAPUA	CP3691	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17021	1	BIOPAPUA	CP3750	Mollusca	Turridae	Typhlosyrinx sp.
IM-2009-17022	1	BIOPAPUA	CP3729	Mollusca	Turridae	Typhlosyrinx sp.
IM-2009-17023	1	BIOPAPUA	CP3718	Mollusca	Turridae	Borsonia sp.
IM-2009-17024	1	BIOPAPUA	CP3630	Mollusca	Turridae	Gemmula sp.
IM-2009-17025	1	BIOPAPUA	CP3713	Mollusca	Turridae	Buccinaria sp.
IM-2009-17026	1	BIOPAPUA	CP3713	Mollusca	Turridae	Buccinaria sp.
IM-2009-17027	1	BIOPAPUA	CP3713	Mollusca	Turridae	Buccinaria sp.
IM-2009-17028	1	BIOPAPUA	CP3713	Mollusca	Turridae	Buccinaria sp.
IM-2009-17029	1	BIOPAPUA	CP3713	Mollusca	Turridae	Buccinaria sp.
IM-2009-17030	1	BIOPAPUA	CP3635	Mollusca	Turridae	Lophiotoma sp.
IM-2009-17031	1	BIOPAPUA	CP3635	Mollusca	Turridae	Gemmula sp.
IM-2009-17032	1	BIOPAPUA	CP3736	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17033	1	BIOPAPUA	CP3653	Mollusca	Turridae	Turridae sp.
IM-2009-17034	1	BIOPAPUA	CP3774	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17035	1	BIOPAPUA	DW3754	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17036	1	BIOPAPUA	CP3636	Mollusca	Turridae	Cochlespira sp.
IM-2009-17037	1	BIOPAPUA	DW3732	Mollusca	Turridae	Comitas sp.
IM-2009-17038	1	BIOPAPUA	CP3774	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17039	1	BIOPAPUA	CP3646	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17040	1	BIOPAPUA	DW3749	Mollusca	Turridae	Turridae sp.
IM-2009-17041	1	BIOPAPUA	CP3712	Mollusca	Turridae	Borsonia sp.
IM-2009-17042	1	BIOPAPUA	DW3770	Mollusca	Turridae	Turris lulului
IM-2009-17043	1	BIOPAPUA	DW3745	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17044	1	BIOPAPUA	CP3729	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17045	1	BIOPAPUA	CP3631	Mollusca	Turridae	Turridae sp.
IM-2009-17046	1	BIOPAPUA	CP3736	Mollusca	Turridae	Turridae sp.
IM-2009-17047	1	BIOPAPUA	CP3736	Mollusca	Turridae	Turridae sp.
IM-2009-17048	1	BIOPAPUA	CP3750	Mollusca	Turridae	Leucosyrinx sp.
IM-2009-17049	1	BIOPAPUA	DW3734	Mollusca	Turridae	Drilliidae sp.
IM-2009-17050	1	BIOPAPUA	CP3741	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17051	1	BIOPAPUA	CP3718	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17052	1	BIOPAPUA	DW3738	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17053	1	BIOPAPUA	CP3666	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17054	1	BIOPAPUA	CP3679	Mollusca	Turridae	Turridae sp.
IM-2009-17055	1	BIOPAPUA	CP3714	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17056	1	BIOPAPUA	CP3741	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17057	1	BIOPAPUA	CP3742	Mollusca	Turridae	Typhlosyrinx sp.
IM-2009-17058	1	BIOPAPUA	CP3634	Mollusca	Turridae	Turridae sp.
IM-2009-17059	1	BIOPAPUA	DW3749	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17060	1	BIOPAPUA	CP3690	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17061	1	BIOPAPUA	DW3749	Mollusca	Turridae	Turridae sp.
IM-2009-17062	1	BIOPAPUA	CP3750	Mollusca	Turridae	Turridae sp.
IM-2009-17063	1	BIOPAPUA	CP3712	Mollusca	Turridae	Benthomangelia sp.
IM-2009-17064	1	BIOPAPUA	CP3736	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17065	1	BIOPAPUA	DW3745	Mollusca	Turridae	Daphnella sp.
IM-2009-17066	1	BIOPAPUA	CP3721	Mollusca	Turridae	Leiosyrinx sp.
IM-2009-17067	1	BIOPAPUA	CP3736	Mollusca	Turridae	Turridae sp.
IM-2009-17068	1	BIOPAPUA	CP3714	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17069	1	BIOPAPUA	CP3774	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17070	1	BIOPAPUA	CP3645	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17071	1	BIOPAPUA	CP3728	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17072	1	BIOPAPUA	DW3745	Mollusca	Turridae	Daphnella sp.
IM-2009-17073	1	BIOPAPUA	CP3718	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17074	1	BIOPAPUA	CP3737	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17075	1	BIOPAPUA	CP3707	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17076	1	BIOPAPUA	CP3750	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17077	1	BIOPAPUA	CP3713	Mollusca	Turridae	Cochlespira sp.
IM-2009-17078	1	BIOPAPUA	CP3679	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17079	1	BIOPAPUA	DW3734	Mollusca	Turridae	Comitas sp.
IM-2009-17080	1	BIOPAPUA	CP3729	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17081	1	BIOPAPUA	DW3752	Mollusca	Turridae	Drilliidae sp.
IM-2009-17082	1	BIOPAPUA	CP3713	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17083	1	BIOPAPUA	CP3721	Mollusca	Turridae	Turridae sp.
IM-2009-17084	1	BIOPAPUA	CP3632	Mollusca	Turridae	Gemmula sp.
IM-2009-17085	1	BIOPAPUA	CP3667	Mollusca	Turridae	Benthomangelia sp.
IM-2009-17086	1	BIOPAPUA	CP3667	Mollusca	Turridae	Benthomangelia sp.
IM-2009-17087	1	BIOPAPUA	CP3710	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17088	1	BIOPAPUA	CP3710	Mollusca	Turridae	Turridae sp.
IM-2009-17089	1	BIOPAPUA	DW3748	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17090	1	BIOPAPUA	CP3712	Mollusca	Turridae	Buccinaria sp.
IM-2009-17091	1	BIOPAPUA	CP3729	Mollusca	Turridae	Pinguigemmula sp.
IM-2009-17092	1	BIOPAPUA	CP3708	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17093	1	BIOPAPUA	CP3708	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17094	1	BIOPAPUA	CP3714	Mollusca	Turridae	Buccinaria sp.
IM-2009-17095	1	BIOPAPUA	CP3631	Mollusca	Turridae	Raphitomidae sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IM-2009-17096	1	BIOPAPUA	CP3634	Mollusca	Turridae	Gemmula sp.
IM-2009-17097	1	BIOPAPUA	CP3728	Mollusca	Turridae	Bathytoma sp.
IM-2009-17098	1	BIOPAPUA	CP3774	Mollusca	Turridae	Gemmula sp.
IM-2009-17099	1	BIOPAPUA	CP3723	Mollusca	Turridae	Marshallena sp.
IM-2009-17100	1	BIOPAPUA	DW3777	Mollusca	Turridae	Buccinaria sp.
IM-2009-17101	1	BIOPAPUA	CP3671	Mollusca	Turridae	Pinguigemmula sp.
IM-2009-17102	1	BIOPAPUA	CP3714	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17103	1	BIOPAPUA	CP3737	Mollusca	Turridae	Turridae sp.
IM-2009-17104	1	BIOPAPUA	DW3748	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17105	1	BIOPAPUA	DW3748	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17106	1	BIOPAPUA	CP3728	Mollusca	Turridae	Cochlespira sp.
IM-2009-17107	1	BIOPAPUA	CP3637	Mollusca	Turridae	Pinguigemmula sp.
IM-2009-17108	1	BIOPAPUA	DW3757	Mollusca	Turridae	Gemmula sp.
IM-2009-17109	1	BIOPAPUA	CP3637	Mollusca	Turridae	Pinguigemmula sp.
IM-2009-17110	1	BIOPAPUA	CP3631	Mollusca	Turridae	Buccinaria sp.
IM-2009-17111	1	BIOPAPUA	DW3771	Mollusca	Turridae	Gemmula sp.
IM-2009-17112	1	BIOPAPUA	DW3748	Mollusca	Turridae	Gemmuloborsonia colorata
IM-2009-17113	1	BIOPAPUA	CP3713	Mollusca	Turridae	Cochlespira sp.
IM-2009-17114	1	BIOPAPUA	CP3774	Mollusca	Turridae	Comitas sp.
IM-2009-17115	1	BIOPAPUA	CP3718	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17116	1	BIOPAPUA	CP3739	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17117	1	BIOPAPUA	CP3723	Mollusca	Turridae	Turridae sp.
IM-2009-17118	1	BIOPAPUA	CP3708	Mollusca	Turridae	Thatcheria sp.
IM-2009-17119	1	BIOPAPUA	CP3679	Mollusca	Turridae	Pinguigemmula sp.
IM-2009-17120	1	BIOPAPUA	CP3709	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17121	1	BIOPAPUA	CP3679	Mollusca	Turridae	Pinguigemmula sp.
IM-2009-17122	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17123	1	BIOPAPUA	CP3707	Mollusca	Turridae	Turridae sp.
IM-2009-17124	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17125	1	BIOPAPUA	CP3709	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17126	1	BIOPAPUA	CP3689	Mollusca	Turridae	Pinguigemmula sp.
IM-2009-17127	1	BIOPAPUA	CP3709	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17128	1	BIOPAPUA	CP3672	Mollusca	Turridae	Turridae sp.
IM-2009-17129	1	BIOPAPUA	CP3707	Mollusca	Turridae	Pseudomelatomidae sp.
IM-2009-17130	1	BIOPAPUA	CP3645	Mollusca	Turridae	Pseudomelatomidae sp.
IM-2009-17131	1	BIOPAPUA	CP3692	Mollusca	Turridae	Marshalena sp.
IM-2009-17132	1	BIOPAPUA	DW3643	Mollusca	Turridae	Pseudomelatomidae sp.
IM-2009-17133	1	BIOPAPUA	CP3672	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17134	1	BIOPAPUA	CP3672	Mollusca	Turridae	Sibogasyrinx sp.
IM-2009-17135	1	BIOPAPUA	CP3672	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17136	1	BIOPAPUA	CP3672	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17137	1	BIOPAPUA	CP3672	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17138	1	BIOPAPUA	CP3672	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17139	1	BIOPAPUA	DW3699	Mollusca	Turridae	Drilliidae sp.
IM-2009-17140	1	BIOPAPUA	CP3672	Mollusca	Turridae	Mangeliidae sp.
IM-2009-17141	1	BIOPAPUA	CP3707	Mollusca	Turridae	Pseudomelatomidae sp.
IM-2009-17142	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17143	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17144	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17145	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17146	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17147	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17148	1	BIOPAPUA	CP3707	Mollusca	Turridae	Turridae sp.
IM-2009-17149	1	BIOPAPUA	CP3707	Mollusca	Turridae	Turridae sp.
IM-2009-17150	1	BIOPAPUA	CP3740	Mollusca	Turridae	Turridae sp.
IM-2009-17151	1	BIOPAPUA	CP3740	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17152	1	BIOPAPUA	CP3740	Mollusca	Turridae	Turridae sp.
IM-2009-17153	1	BIOPAPUA	CP3740	Mollusca	Turridae	Sibogasyrinx sp.
IM-2009-17154	1	BIOPAPUA	DW3699	Mollusca	Turridae	Drilliidae sp.
IM-2009-17155	1	BIOPAPUA	CP3740	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17156	1	BIOPAPUA	CP3708	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17157	1	BIOPAPUA	DW3680	Mollusca	Turridae	Bathytoma sp.
IM-2009-17158	1	BIOPAPUA	CP3633	Mollusca	Turridae	Turridae sp.
IM-2009-17159	1	BIOPAPUA	CP3633	Mollusca	Turridae	Turridae sp.
IM-2009-17160	1	BIOPAPUA	DW3734	Mollusca	Turridae	Turridae sp.
IM-2009-17161	1	BIOPAPUA	CP3679	Mollusca	Turridae	Pinguigemmula sp.
IM-2009-17162	1	BIOPAPUA	CP3709	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17163	1	BIOPAPUA	DW3748	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17164	1	BIOPAPUA	DW3748	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17165	1	BIOPAPUA	CP3743	Mollusca	Turridae	Turridae sp.
IM-2009-17166	1	BIOPAPUA	CP3743	Mollusca	Turridae	Turridae sp.
IM-2009-17167	1	BIOPAPUA	DW3748	Mollusca	Turridae	Turridae sp.
IM-2009-17168	1	BIOPAPUA	CP3637	Mollusca	Turridae	Turridae sp.
IM-2009-17169	1	BIOPAPUA	DW3699	Mollusca	Turridae	Drilliidae sp.
IM-2009-17170	1	BIOPAPUA	DW3770	Mollusca	Turridae	Gemmula sp.
IM-2009-17171	1	BIOPAPUA	DW3698	Mollusca	Turridae	Clathurellidae sp.
IM-2009-17172	1	BIOPAPUA	DW3698	Mollusca	Turridae	Drilliidae sp.
IM-2009-17173	1	BIOPAPUA	CP3712	Mollusca	Turridae	Cochlespira sp.
IM-2009-17174	1	BIOPAPUA	CP3712	Mollusca	Turridae	Cochlespira sp.
IM-2009-17175	1	BIOPAPUA	DW3732	Mollusca	Turridae	Horaiaclavidae sp.
IM-2009-17176	1	BIOPAPUA	CP3633	Mollusca	Turridae	Marshallena sp.
IM-2009-17177	1	BIOPAPUA	CP3743	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17178	1	BIOPAPUA	DW3732	Mollusca	Turridae	Mangeliidae sp.
IM-2009-17179	1	BIOPAPUA	DW3732	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17180	1	BIOPAPUA	DW3738	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17181	1	BIOPAPUA	CP3712	Mollusca	Turridae	Cochlespira sp.
IM-2009-17182	1	BIOPAPUA	DW3732	Mollusca	Turridae	Pseudomelatomidae sp.
IM-2009-17183	1	BIOPAPUA	DW3732	Mollusca	Turridae	Pseudomelatomidae sp.
IM-2009-17184	1	BIOPAPUA	CP3633	Mollusca	Turridae	Turridae sp.
IM-2009-17185	1	BIOPAPUA	CP3633	Mollusca	Turridae	Turridae sp.
IM-2009-17186	1	BIOPAPUA	CP3633	Mollusca	Turridae	Marshallena sp.
IM-2009-17187	1	BIOPAPUA	CP3728	Mollusca	Turridae	Turridae sp.
IM-2009-17188	1	BIOPAPUA	CP3728	Mollusca	Turridae	Benthomangelia sp.
IM-2009-17189	1	BIOPAPUA	DW3734	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17190	1	BIOPAPUA	CP3633	Mollusca	Turridae	Drilliidae sp.
IM-2009-17191	1	BIOPAPUA	CP3633	Mollusca	Turridae	Drilliidae sp.
IM-2009-17192	1	BIOPAPUA	CP3708	Mollusca	Turridae	Mangeliidae sp.
IM-2009-17193	1	BIOPAPUA	CP3708	Mollusca	Turridae	Drilliidae sp.
IM-2009-17194	1	BIOPAPUA	CP3633	Mollusca	Turridae	Benthomangelia sp.
IM-2009-17195	1	BIOPAPUA	CP3633	Mollusca	Turridae	Drilliidae sp.
IM-2009-17196	1	BIOPAPUA	CP3708	Mollusca	Turridae	Drilliidae sp.
IM-2009-17197	1	BIOPAPUA	CP3708	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17198	1	BIOPAPUA	DW3732	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17199	1	BIOPAPUA	CP3708	Mollusca	Turridae	Benthomangelia sp.
IM-2009-17200	1	BIOPAPUA	CP3708	Mollusca	Turridae	Drilliidae sp.
IM-2009-17201	1	BIOPAPUA	CP3708	Mollusca	Turridae	Turridae sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IM-2009-17202	1	BIOPAPUA	CP3708	Mollusca	Turridae	Turridae sp.
IM-2009-17203	1	BIOPAPUA	CP3708	Mollusca	Turridae	Turridae sp.
IM-2009-17204	1	BIOPAPUA	CP3708	Mollusca	Turridae	Benthomangelia sp.
IM-2009-17205	1	BIOPAPUA	CP3708	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17206	1	BIOPAPUA	CP3740	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17207	1	BIOPAPUA	CP3707	Mollusca	Turridae	Benthomangelia sp.
IM-2009-17208	1	BIOPAPUA	CP3707	Mollusca	Turridae	Benthomangelia sp.
IM-2009-17209	1	BIOPAPUA	CP3707	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17210	1	BIOPAPUA	CP3707	Mollusca	Turridae	Benthomangelia sp.
IM-2009-17211	1	BIOPAPUA	CP3672	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17212	1	BIOPAPUA	CP3707	Mollusca	Turridae	Raphitomidae sp.
IM-2009-17213	1	BIOPAPUA	CP3707	Mollusca	Turridae	Horaiaclavidae sp.
IM-2009-17214	1	BIOPAPUA	CP3672	Mollusca	Turridae	Mangelidae sp.
IM-2009-17215	1	BIOPAPUA	CP3691	Mollusca	Turridae	Borsoniidae sp.
IM-2009-17216	1	BIOPAPUA	CP3691	Mollusca	Turridae	Turridae sp.
IM-2009-17217	1	BIOPAPUA	CP3691	Mollusca	Turridae	Turridae sp.
IM-2009-17218	1	BIOPAPUA	CP3672	Mollusca	Turridae	Turridae sp.
IM-2009-17219	1	BIOPAPUA	CP3708	Mollusca	Turridae	Pinguigemmula sp.
IM-2009-17220	1	BIOPAPUA	CP3707	Mollusca	Turridae	Turridae sp.
IM-2009-17221	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17222	1	BIOPAPUA	CP3707	Mollusca	Turridae	Gemmuloborsonia sp.
IM-2009-17223	1	BIOPAPUA	CP3708	Mollusca	Turridae	Turridae sp.
IM-2009-17224	1	BIOPAPUA	CP3708	Mollusca	Turridae	Turridae sp.
IM-2009-17225	1	BIOPAPUA	CP3708	Mollusca	Turridae	Turridae sp.
IM-2009-17226	1	BIOPAPUA	CP3708	Mollusca	Turridae	Turridae sp.
IM-2009-17227	1	BIOPAPUA	CP3708	Mollusca	Turridae	Turridae sp.
IM-2009-17228	1	BIOPAPUA	CP3630	Mollusca	Turridae	Gemmula sp.
IM-2009-19306	1	BIOPAPUA	CP3759	Mollusca	Turridae	Raphitomidae sp.
IE-2012-1	5	BIOPAPUA	DW3738	Echinodermata	Ophiuridae	Amphiophiura bakeri McKnight D G, 2003
IE-2012-2	3	BIOPAPUA	DW3738	Echinodermata	Ophiuridae	Amphiophiura liberata (Koehler R, 1904)
IE-2012-3	1	BIOPAPUA	DW3738	Echinodermata	Ophioleucidae	Ophioptalla brevispina (Lyman T, 1878)
IE-2012-4	3	BIOPAPUA	DW3738	Echinodermata	Ophiuridae	Ophiura micracantha Clark H L, 1911
IE-2012-5	10	BIOPAPUA	DW3738	Echinodermata	Ophiuridae	Amphiophiura sordida (Koehler R, 1897)
IE-2012-6	1	BIOPAPUA	DW3738	Echinodermata	Ophiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-7	1	BIOPAPUA	DW3738	Echinodermata	Ophiuridae	Ophiomusium fallax Koehler R, 1904
IE-2012-8	1	BIOPAPUA	DW3738	Echinodermata	Amphiuridae	Amphiura sp.
IE-2012-9	1	BIOPAPUA	DW3738	Echinodermata	Ophiacanthidae	Ophiotreta stimulea (Lyman T, 1878)
IE-2012-10	2	BIOPAPUA	DW3738	Echinodermata	Asteroschematidae	Astrocharis ijimai Matsumoto H H, 1911
IE-2012-11	1	BIOPAPUA	DW3738	Echinodermata	Ophiuridae	Ophiolipus granulatus Koehler R, 1897
IE-2012-12	4	BIOPAPUA	CP3744	Echinodermata	Ophioleucidae	Ophioleuce brevispinum (Clark H L, 1911)
IE-2012-13	14	BIOPAPUA	CP3744	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-14	2	BIOPAPUA	CP3744	Echinodermata	Ophiacanthidae	Ophiophthalmus relicitus (Koehler R, 1904)
IE-2012-15	2	BIOPAPUA	CP3744	Echinodermata	Ophiactidae	Histampica duplexata (Lyman T, 1874)
IE-2012-16	1	BIOPAPUA	CP3744	Echinodermata	Ophiuridae	Ophiopshalma elegans (Koehler R, 1897)
IE-2012-17	1	BIOPAPUA	CP3744	Echinodermata	Ophiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-18	1	BIOPAPUA	CP3744	Echinodermata	Ophiuridae	Ophiura jejuna (Lyman T, 1878)
IE-2012-19	2	BIOPAPUA	CP3744	Echinodermata	Ophiacanthidae	Ophiocopa spatula Lyman T, 1883
IE-2012-20	3	BIOPAPUA	CP3744	Echinodermata	Ophiacanthidae	Ophiotreta stimulea (Lyman T, 1878)
IE-2012-21	1	BIOPAPUA	CP3744	Echinodermata	Ophiacanthidae	Ophioplinthaca rudis (Koehler R, 1897)
IE-2012-22	1	BIOPAPUA	CP3744	Echinodermata	Ophiacanthidae	Ophiacantha placida (Koehler R, 1904)
IE-2012-23	1	BIOPAPUA	CP3744	Echinodermata	Ophiacanthidae	Ophiotreta matura (Koehler R, 1904)
IE-2012-24	24	BIOPAPUA	DW3735	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-25	1	BIOPAPUA	DW3735	Echinodermata	Amphiuridae	Amphiura argentea Lyman T, 1879
IE-2012-26	8	BIOPAPUA	DW3749	Echinodermata	Ophiuridae	Amphiophiura insolita (Koehler R, 1904)
IE-2012-27	2	BIOPAPUA	DW3749	Echinodermata	Ophiuridae	Ophiopshalma elegans (Koehler R, 1897)
IE-2012-28	5	BIOPAPUA	DW3749	Echinodermata	Ophiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-29	1	BIOPAPUA	DW3749	Echinodermata	Ophioleucidae	Ophiurus adspersus Lyman T, 1883
IE-2012-30	1	BIOPAPUA	DW3749	Echinodermata	Ophiuridae	Ophioplithus inornata (Lyman T, 1878)
IE-2012-31	4	BIOPAPUA	DW3749	Echinodermata	Ophiuridae	Ophiopyrgus trispinosus Koehler R, 1904
IE-2012-32	3	BIOPAPUA	DW3733	Echinodermata	Ophioleucidae	Ophiopallas paradoxa Koehler R, 1904
IE-2012-33	12	BIOPAPUA	DW3733	Echinodermata	Ophiuridae	Ophiomusium luetheni Lyman T, 1878
IE-2012-34	1	BIOPAPUA	DW3733	Echinodermata	Ophiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-35	1	BIOPAPUA	DW3733	Echinodermata	Ophiuridae	Amphiophiura pertusa Koehler R, 1930
IE-2012-36	1	BIOPAPUA	DW3733	Echinodermata	Ophiuridae	Ophiolipus granulatus Koehler R, 1897
IE-2012-37	4	BIOPAPUA	DW3733	Echinodermata	Ophiuridae	Ophiopterus declinans (Koehler R, 1904)
IE-2012-38	1	BIOPAPUA	DW3733	Echinodermata	Ophiuridae	Ophiozonella projecta (Koehler R, 1905)
IE-2012-39	1	BIOPAPUA	DW3733	Echinodermata	Ophiodermatidae	Ophiarrachnella horonata (Koehler R, 1904)
IE-2012-40	2	BIOPAPUA	DW3733	Echinodermata	Ophiuridae	Amphiophiura sp.
IE-2012-41	1	BIOPAPUA	DW3733	Echinodermata	Ophiactidae	Ophiactis profundi Lütken C F & Mortensen T, 1899
IE-2012-42	1	BIOPAPUA	CP3718	Echinodermata	Ophiuridae	Ophiopshalma elegans (Koehler R, 1897)
IE-2012-43	1	BIOPAPUA	CP3718	Echinodermata	Ophiacanthidae	Ophioplinthaca rudis (Koehler R, 1897)
IE-2012-44	1	BIOPAPUA	CP3718	Echinodermata	Ophiacanthidae	Ophiacantha levipina Lyman T, 1878
IE-2012-45	5	BIOPAPUA	CP3718	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-46	7	BIOPAPUA	CP3718	Echinodermata	Ophiuridae	Amphiophiura sordida (Koehler R, 1897)
IE-2012-47	2	BIOPAPUA	CP3718	Echinodermata	Ophiuridae	Ophiura jejuna (Lyman T, 1878)
IE-2012-48	1	BIOPAPUA	CP3718	Echinodermata	Amphiuridae	Amphiura diomedea Lütken C F & Mortensen T, 1899
IE-2012-49	2	BIOPAPUA	DW3781	Echinodermata	Amphiuridae	Amphiura celata Koehler R, 1905
IE-2012-50	1	BIOPAPUA	DW3781	Echinodermata	Euryalidae	Astroceras compar Koehler R, 1904
IE-2012-51	1	BIOPAPUA	CP3743	Echinodermata	Ophiacanthidae	Ophiothamnus venustus Matsumoto H H, 1915
IE-2012-52	1	BIOPAPUA	CP3743	Echinodermata	Asteronychidae	Asteronyx loveni Müller J & Troschell F H, 1842
IE-2012-53	3	BIOPAPUA	CP3740	Echinodermata	Asteronychidae	Ophiothamnus venustus Matsumoto H H, 1915
IE-2012-54	2	BIOPAPUA	CP3740	Echinodermata	Ophiacanthidae	Ophiotreta stimulea (Lyman T, 1878)
IE-2012-55	1	BIOPAPUA	CP3740	Echinodermata	Ophiacanthidae	Ophiotreta matura (Koehler R, 1904)
IE-2012-56	1	BIOPAPUA	CP3740	Echinodermata	Ophiuridae	Ophiopshalma elegans (Koehler R, 1897)
IE-2012-57	2	BIOPAPUA	CP3740	Echinodermata	Ophiuridae	Ophiura jejuna (Lyman T, 1878)
IE-2012-58	1	BIOPAPUA	CP3740	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-59	1	BIOPAPUA	CP3740	Echinodermata	Ophiuridae	Ophiozonella sp.
IE-2012-60	1	BIOPAPUA	CP3740	Echinodermata	Ophiacanthidae	Ophiomoebris tenera (Koehler R, 1897)
IE-2012-61	1	BIOPAPUA	CP3658	Echinodermata	Ophiacanthidae	Ophiotreta valenciennesi (Lyman T, 1879)
IE-2012-62	1	BIOPAPUA	CP3658	Echinodermata	Gorgonocephalidae	Astrothamnus sp.
IE-2012-63	1	BIOPAPUA	CP3658	Echinodermata	Euryalidae	Astroceras compar Koehler R, 1904
IE-2012-64	1	BIOPAPUA	CP3658	Echinodermata	Ophiacanthidae	Ophioplithaca pulchra Koehler R, 1904
IE-2012-65	1	BIOPAPUA	CP3658	Echinodermata	Ophiolepididae	Actinozonella sp.
IE-2012-66	1	BIOPAPUA	DW3640	Echinodermata	Ophiuridae	Ophiura sp.
IE-2012-67	3	BIOPAPUA	DW3640	Echinodermata	Ophiomyxidae	Ophiomyxa sp.
IE-2012-68	1	BIOPAPUA	DW3752	Echinodermata	Ophiuridae	Amphiophiura liberata (Koehler R, 1904)
IE-2012-69	1	BIOPAPUA	DW3752	Echinodermata	Ophiacanthidae	Ophiopscopha spatula Lyman T, 1883
IE-2012-70	1	BIOPAPUA	DW3752	Echinodermata	Ophiuridae	Ophiomusium scalare Lyman T, 1878
IE-2012-71	2	BIOPAPUA	DW3752	Echinodermata	Ophiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-72	1	BIOPAPUA	CP3692	Echinodermata	Ophioleucidae	Ophioptalla paradoxo Koehler R, 1904
IE-2012-73	1	BIOPAPUA	CP3692	Echinodermata	Ophiacanthidae	Ophiomyces delata Koehler R, 1904
IE-2012-74	1	BIOPAPUA	CP3692	Echinodermata	Ophiuridae	Amphiophiura sordida (Koehler R, 1897)
IE-2012-75	3	BIOPAPUA	CP3692	Echinodermata	Ophiactidae	Ophiopshalma elegans (Koehler R, 1897)
IE-2012-76	1	BIOPAPUA	CP3692	Echinodermata	Ophiactidae	Ophiactis profundi Lütken C F & Mortensen T, 1899
IE-2012-77	1	BIOPAPUA	DW3719	Echinodermata	Ophiactidae	Ophiactis profundi Lütken C F & Mortensen T, 1899
IE-2012-78	3	BIOPAPUA	CP3736	Echinodermata	Ophiuridae	Amphiophiura cf. liberata

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IE-2012-79	1	BIOPAPUA	CP3736	Echinodermata	Ophiactidae	<i>Ophioctis definita</i> Koehler R, 1922
IE-2012-80	1	BIOPAPUA	CP3736	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-81	1	BIOPAPUA	CP3736	Echinodermata	Asteroschematidae	<i>Astrocharis ijimai</i> Matsumoto H H, 1911
IE-2012-82	1	BIOPAPUA	CP3736	Echinodermata	Ophidiuridae	<i>Ophiosphalma elegans</i> (Koehler R, 1897)
IE-2012-83	2	BIOPAPUA	CP3736	Echinodermata	Ophioleucidae	<i>Ophiuernus adspersus</i> Lyman T, 1883
IE-2012-84	1	BIOPAPUA	CP3736	Echinodermata	Ophiacanthidae	<i>Ophiacantha pentagona</i> Koehler R, 1897
IE-2012-85	1	BIOPAPUA	CP3736	Echinodermata	Ophiacanthidae	<i>Ophiolimna antarctica</i> (Lyman T, 1879)
IE-2012-86	1	BIOPAPUA	CP3736	Echinodermata	Ophidiuridae	<i>Ophiuernus adspersus</i> Lyman T, 1883
IE-2012-87	2	BIOPAPUA	CP3762	Echinodermata	Ophioleucidae	<i>Amphiophiura prisca</i> (Koehler R, 1904)
IE-2012-88	4	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophiomyces delata</i> Koehler R, 1904
IE-2012-89	3	BIOPAPUA	CP3762	Echinodermata	Ophiacanthidae	<i>Amphiophiura insolita</i> (Koehler R, 1904)
IE-2012-90	1	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-91	23	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophioleuce brevispinum</i> (Clark H L, 1911)
IE-2012-92	1	BIOPAPUA	CP3762	Echinodermata	Ophioleucidae	<i>Ophiuropa sp.</i>
IE-2012-93	17	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Amphiophiura improba</i> (Koehler R, 1904)
IE-2012-94	4	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophiomusium lunare</i> Lyman T, 1878
IE-2012-95	2	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophiosphalma elegans</i> (Koehler R, 1897)
IE-2012-96	3	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Stegophiura lapidaria</i> (Lyman T, 1878)
IE-2012-97	15	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophiuromathmus clausa</i> (Lyman T, 1878)
IE-2012-98	3	BIOPAPUA	CP3762	Echinodermata	Ophiacanthidae	<i>Ophioleptis inornata</i> (Lyman T, 1878)
IE-2012-99	1	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophiozonella sp.</i>
IE-2012-100	1	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophiomusium scalare</i> Lyman T, 1878
IE-2012-101	1	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophiochopha spatula</i> Lyman T, 1883
IE-2012-102	6	BIOPAPUA	CP3762	Echinodermata	Ophiacanthidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-103	2	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophioleuce perfida</i> (Koehler R, 1904)
IE-2012-104	6	BIOPAPUA	CP3762	Echinodermata	Ophiacanthidae	<i>Ophioleptis granulatus</i> Koehler R, 1897
IE-2012-105	2	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophiogomitus sp.</i>
IE-2012-106	3	BIOPAPUA	CP3762	Echinodermata	Ophioleucidae	<i>Ophiogomitus sp.</i>
IE-2012-107	1	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophiacantha funebris</i> (Koehler R, 1930)
IE-2012-108	1	BIOPAPUA	CP3762	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-109	1	BIOPAPUA	CP3762	Echinodermata	Ophiacanthidae	<i>Amphiophiura insolita</i> (Koehler R, 1904)
IE-2012-110	8	BIOPAPUA	CP3762	Echinodermata	Amphiuridae	<i>Amphioplus sp.</i>
IE-2012-111	1	BIOPAPUA	CP3762	Echinodermata	Amphiuridae	<i>Amphiura cf magellana</i>
IE-2012-112	1	BIOPAPUA	CP3762	Echinodermata	Ophiacanthidae	<i>Ophioleptis bythiaspis</i> Clark H L, 1911
IE-2012-113	1	BIOPAPUA	CP3762	Echinodermata	Ophiacanthidae	<i>Ophiacantha sp.</i>
IE-2012-114	1	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Astrocharia virgo</i> Koehler R, 1904
IE-2012-115	1	BIOPAPUA	CP3762	Echinodermata	Asteroschematidae	<i>Asteroschema sp.</i>
IE-2012-116	1	BIOPAPUA	CP3762	Echinodermata	Ophiochitonidae	<i>Ophiochiton fastigatus</i> Lyman T, 1878
IE-2012-117	1	BIOPAPUA	CP3762	Echinodermata	Ophidiuridae	<i>Ophiosphalma sp.</i>
IE-2012-118	7	BIOPAPUA	DW3781	Echinodermata	Ophidiuridae	<i>Ophiosphalma elegans</i> (Koehler R, 1897)
IE-2012-119	3	BIOPAPUA	DW3781	Echinodermata	Ophidiuridae	<i>Ophiosphalma properum</i> (Koehler R, 1904)
IE-2012-120	1	BIOPAPUA	DW3781	Echinodermata	Ophidiuridae	<i>Ophyopyrgus trispinosus</i> Koehler R, 1904
IE-2012-121	1	BIOPAPUA	DW3781	Echinodermata	Ophidiuridae	<i>Stegophiura lapidaria</i> (Lyman T, 1878)
IE-2012-122	1	BIOPAPUA	DW3781	Echinodermata	Ophiactidae	<i>Histampla duplex</i> (Lyman T, 1874)
IE-2012-123	1	BIOPAPUA	DW3753	Echinodermata	Ophidiuridae	<i>Amphiophiura insolita</i> (Koehler R, 1904)
IE-2012-124	1	BIOPAPUA	DW3768	Echinodermata	Ophidiuridae	<i>Amphiophiura insolita</i> (Koehler R, 1904)
IE-2012-125	1	BIOPAPUA	DW3768	Echinodermata	Ophiochitonidae	<i>Ophiodoris malignus</i> Koehler R, 1904
IE-2012-126	1	BIOPAPUA	DW3768	Echinodermata	Ophidiuridae	<i>Ophiomusium luettkeni</i> Lyman T, 1878
IE-2012-127	1	BIOPAPUA	DW3688	Echinodermata	Ophioleucidae	<i>Ophioleuce brevispinum</i> (Clark H L, 1911)
IE-2012-128	1	BIOPAPUA	DW3688	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-129	1	BIOPAPUA	DW3688	Echinodermata	Ophiacanthidae	<i>Ophiomyces delata</i> Koehler R, 1904
IE-2012-130	1	BIOPAPUA	DW3688	Echinodermata	Ophioleucidae	<i>Ophiogomitus sp.</i>
IE-2012-131	6	BIOPAPUA	DW3688	Echinodermata	Ophiolepididae	<i>Actinozonella sp.</i>
IE-2012-132	1	BIOPAPUA	CP3660	Echinodermata	Ophidiuridae	<i>Amphiophiura cf. liberata</i>
IE-2012-133	1	BIOPAPUA	CP3660	Echinodermata	Ophiacanthidae	<i>Ophiacantha serrata</i> Lyman T, 1878
IE-2012-134	1	BIOPAPUA	CP3729	Echinodermata	Ophioleucidae	<i>Ophiuernus adspersus</i> Lyman T, 1883
IE-2012-135	1	BIOPAPUA	CP3729	Echinodermata	Ophidiuridae	<i>Ophiozonella molesta</i> (Koehler R, 1904)
IE-2012-136	1	BIOPAPUA	CP3729	Echinodermata	Ophiacanthidae	<i>Ophialcea tuberculosa</i> (Lyman T, 1878)
IE-2012-137	1	BIOPAPUA	DW3771	Echinodermata	Ophidiuridae	<i>Ophiomusium relictum</i> Koehler R, 1904
IE-2012-138	1	BIOPAPUA	DW3771	Echinodermata	Ophiolepididae	<i>Ophiozonoida obscura</i> Koehler R, 1922
IE-2012-139	2	BIOPAPUA	DW3771	Echinodermata	Ophidiuridae	<i>Ophiomusium fallax</i> Koehler R, 1904
IE-2012-140	1	BIOPAPUA	DW3771	Echinodermata	Amphiuridae	<i>Amphiura sp.</i>
IE-2012-141	1	BIOPAPUA	DW3771	Echinodermata	Amphiuridae	<i>Amphiura sp.</i>
IE-2012-142	1	BIOPAPUA	DW3771	Echinodermata	Ophidiuridae	<i>Ophiozonella sp.</i>
IE-2012-143	1	BIOPAPUA	DW3771	Echinodermata	Hemieuryalidae	<i>Ophiomoeris sp.</i>
IE-2012-144	2	BIOPAPUA	DW3746	Echinodermata	Ophidiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-145	1	BIOPAPUA	DW3746	Echinodermata	Ophidiuridae	<i>Amphiophiura insolita</i> (Koehler R, 1904)
IE-2012-146	2	BIOPAPUA	DW3746	Echinodermata	Ophidiuridae	<i>Ophyopyrgus trispinosus</i> Koehler R, 1904
IE-2012-147	1	BIOPAPUA	DW3746	Echinodermata	Ophidiuridae	<i>Stegophiura lapidaria</i> (Lyman T, 1878)
IE-2012-148	8	BIOPAPUA	CP3741	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-149	1	BIOPAPUA	CP3741	Echinodermata	Ophiacanthidae	<i>Ophiotreta matura</i> (Koehler R, 1904)
IE-2012-150	4	BIOPAPUA	CP3741	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-151	1	BIOPAPUA	CP3741	Echinodermata	Ophiacanthidae	<i>Ophiomorae tenera</i> (Koehler R, 1897)
IE-2012-152	1	BIOPAPUA	CP3741	Echinodermata	Ophiacanthidae	<i>Ophiotoma tertium</i> (Koehler R, 1922)
IE-2012-153	4	BIOPAPUA	CP3741	Echinodermata	Ophidiuridae	<i>Ophiosphalma elegans</i> (Koehler R, 1897)
IE-2012-154	1	BIOPAPUA	CP3741	Echinodermata	Ophidiuridae	<i>Ophiomusium lunare</i> Lyman T, 1878
IE-2012-155	2	BIOPAPUA	CP3741	Echinodermata	Ophiacanthidae	<i>Ophiacantha pentagona</i> Koehler R, 1897
IE-2012-156	3	BIOPAPUA	CP3741	Echinodermata	Ophiacanthidae	<i>Ophiothamnus venustus</i> Matsumoto H H, 1915
IE-2012-157	2	BIOPAPUA	CP3741	Echinodermata	Asteronychidae	<i>Asteronyx loveni</i> Müller J & Troschell F H, 1842
IE-2012-158	5	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Amphiophiura insolita</i> (Koehler R, 1904)
IE-2012-159	5	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Stegophiura lapidaria</i> (Lyman T, 1878)
IE-2012-160	4	BIOPAPUA	DW3748	Echinodermata	Ophioleucidae	<i>Ophiopallas paradoxoa</i> Koehler R, 1904
IE-2012-161	5	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Ophiomusium scalare</i> Lyman T, 1878
IE-2012-162	9	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Ophiomusium luettkeni</i> Lyman T, 1878
IE-2012-163	1	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Ophioleptis granulatus</i> Koehler R, 1897
IE-2012-164	5	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Ophiozonella bispinosa</i> (Koehler R, 1897)
IE-2012-165	4	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Amphiophiura turgida</i> Koehler R, 1930
IE-2012-166	2	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Ophyopyrgus trispinosus</i> Koehler R, 1904
IE-2012-167	1	BIOPAPUA	DW3748	Echinodermata	Amphiuridae	<i>Ophidiura sp.</i>
IE-2012-168	1	BIOPAPUA	DW3748	Echinodermata	Ophiolepididae	<i>Actinozonella sp.</i>
IE-2012-169	1	BIOPAPUA	DW3748	Echinodermata	Ophioleucidae	<i>Ophioleuce seminudum</i> Koehler R, 1904
IE-2012-170	2	BIOPAPUA	CP3692	Echinodermata	Ophidiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-171	1	BIOPAPUA	CP3692	Echinodermata	Ophidiuridae	<i>Ophiomusium luettkeni</i> Lyman T, 1878
IE-2012-172	10	BIOPAPUA	CP3692	Echinodermata	Ophidiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1897)
IE-2012-173	1	BIOPAPUA	CP3692	Echinodermata	Ophidiuridae	<i>Ophura micracantha</i> Clark H L, 1911
IE-2012-174	7	BIOPAPUA	CP3692	Echinodermata	Ophidiuridae	<i>Ophiosphalma properum</i> (Koehler R, 1904)
IE-2012-175	1	BIOPAPUA	CP3692	Echinodermata	Ophiacanthidae	<i>Ophiomyces delata</i> Koehler R, 1904
IE-2012-176	1	BIOPAPUA	CP3692	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-177	1	BIOPAPUA	CP3692	Echinodermata	Ophidiuridae	<i>Ophiomusium fallax</i> Koehler R, 1904
IE-2012-178	1	BIOPAPUA	CP3692	Echinodermata	Ophiacanthidae	<i>Ophiacantha pentagona</i> Koehler R, 1897
IE-2012-179	1	BIOPAPUA	DW3773	Echinodermata	Ophidiuridae	<i>Ophyopyrgus trispinosus</i> Koehler R, 1904
IE-2012-180	1	BIOPAPUA	DW3773	Echinodermata	Amphiuridae	<i>Ophidiura sp.</i>
IE-2012-181	1	BIOPAPUA	DW3773	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-182	1	BIOPAPUA	CP3747	Echinodermata	Ophidiuridae	<i>Amphiophiura turgida</i> Koehler R, 1930
IE-2012-183	1	BIOPAPUA	CP3747	Echinodermata	Ophidiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-184	2	BIOPAPUA	DW3696	Echinodermata	Ophidiuridae	<i>Ophiomusium luettkeni</i> Lyman T, 1878

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IE-2012-185	1	BIOPAPUA	DW3696	Echinodermata	Ophioleucidae	Ophioleuce seminudum Koehler R, 1904
IE-2012-186	1	BIOPAPUA	DW3696	Echinodermata	Amphiuridae	Amphiura sp.
IE-2012-187	1	BIOPAPUA	DW3696	Echinodermata	Ophiuridae	Amphiophiura sp.
IE-2012-188	1	BIOPAPUA	DW3696	Echinodermata	Ophiuridae	Aspidophiura forbesi (Duncan P M, 1878)
IE-2012-189	1	BIOPAPUA	DW3696	Echinodermata	Ophiuridae	Amphiophiura sp.
IE-2012-190	1	BIOPAPUA	DW3757	Echinodermata	Ophiuridae	Ophiomusium scalare Lyman T, 1878
IE-2012-191	8	BIOPAPUA	DW3757	Echinodermata	Ophioleucidae	Ophioleuce seminudum Koehler R, 1904
IE-2012-192	1	BIOPAPUA	DW3757	Echinodermata	Ophiuridae	Amphiophiura sp.
IE-2012-193	17	BIOPAPUA	DW3757	Echinodermata	Ophiuridae	Amphiophiura confecta (Koehler R, 1930)
IE-2012-194	1	BIOPAPUA	DW3757	Echinodermata	Ophiuridae	Ophiomusium sp.
IE-2012-195	1	BIOPAPUA	DW3757	Echinodermata	Ophiacanthidae	Ophiacantha longidens Lyman T, 1878
IE-2012-196	17	BIOPAPUA	CP3723	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-197	4	BIOPAPUA	CP3723	Echinodermata	Ophiacanthidae	Ophioplinthaca globata Koehler R, 1922
IE-2012-198	2	BIOPAPUA	CP3723	Echinodermata	Ophiuridae	Ophiopshalma elegans (Koehler R, 1897)
IE-2012-199	3	BIOPAPUA	CP3723	Echinodermata	Amphiuridae	Amphioplus sp.
IE-2012-200	3	BIOPAPUA	CP3742	Echinodermata	Ophiuridae	Amphiophiura turgida Koehler R, 1930
IE-2012-201	2	BIOPAPUA	CP3742	Echinodermata	Ophiuridae	Amphiophiura sordida (Koehler R, 1897)
IE-2012-202	1	BIOPAPUA	CP3742	Echinodermata	Ophiuridae	Amphiophiura liberata (Koehler R, 1904)
IE-2012-203	1	BIOPAPUA	CP3742	Echinodermata	Ophiuridae	Ophiopshalma elegans (Koehler R, 1897)
IE-2012-204	15	BIOPAPUA	CP3742	Echinodermata	Ophiacanthidae	Ophiotreta stimulea (Lyman T, 1878)
IE-2012-205	1	BIOPAPUA	CP3742	Echinodermata	Ophiacanthidae	Ophiopristis vestita (Koehler R, 1897)
IE-2012-206	1	BIOPAPUA	CP3742	Echinodermata	Ophioleucidae	Ophiopallas brevispina (Lyman T, 1878)
IE-2012-207	1	BIOPAPUA	CP3742	Echinodermata	Ophiuridae	Ophiozonella sp.
IE-2012-208	1	BIOPAPUA	CP3742	Echinodermata	Ophiuridae	Ophiambix epicopus Paterson G LJ & Baker A N, 1988
IE-2012-209	1	BIOPAPUA	CP3742	Echinodermata	Ophiactidae	Histampica duplicita (Lyman T, 1874)
IE-2012-210	1	BIOPAPUA	DW3767	Echinodermata	Ophiuridae	Ophioplocus declinans (Koehler R, 1904)
IE-2012-211	1	BIOPAPUA	DW3767	Echinodermata	Ophiocitonidae	Ophioplax lamellosa Matsumoto H, 1915
IE-2012-212	1	BIOPAPUA	DW3767	Echinodermata	Ophiocitonidae	Ophiodoris contrarius Koehler R, 1904
IE-2012-213	1	BIOPAPUA	DW3767	Echinodermata	Ophiolepididae	Ophiophyllum teplium McKnight D G, 2003
IE-2012-214	10	BIOPAPUA	DW3668	Echinodermata	Ophiuridae	Ophiomusium luetkeni Lyman T, 1878
IE-2012-215	1	BIOPAPUA	DW3668	Echinodermata	Ophiacanthidae	Ophiomoeris tenera (Koehler R, 1897)
IE-2012-216	1	BIOPAPUA	DW3668	Echinodermata	Ophiuridae	Aspidophiura forbesi (Duncan P M, 1878)
IE-2012-217	3	BIOPAPUA	DW3770	Echinodermata	Ophiuridae	Ophiomusium luetkeni Lyman T, 1878
IE-2012-218	1	BIOPAPUA	DW3770	Echinodermata	Ophioleucidae	Ophioleuce seminudum Koehler R, 1904
IE-2012-219	1	BIOPAPUA	DW3770	Echinodermata	Ophioleucidae	Ophiopallas paradoxa Koehler R, 1904
IE-2012-220	4	BIOPAPUA	DW3770	Echinodermata	Ophiolepididae	Ophiozonoida obscura Koehler R, 1922
IE-2012-221	2	BIOPAPUA	DW3770	Echinodermata	Ophiotrichidae	Ophiothrix ciliaris (Lamarck J BPA, 1816)
IE-2012-222	2	BIOPAPUA	DW3770	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-223	2	BIOPAPUA	DW3770	Echinodermata	Amphiuridae	Amphioplus depressa (Ljungman A V, 1867)
IE-2012-224	3	BIOPAPUA	DW3770	Echinodermata	Ophiuridae	Ophiura micracantha Clark H L, 1911
IE-2012-225	2	BIOPAPUA	DW3770	Echinodermata	Ophiuridae	Ophiomusium asperum Koehler R, 1930
IE-2012-226	6	BIOPAPUA	DW3770	Echinodermata	Ophiactidae	Histampica duplicita (Lyman T, 1874)
IE-2012-227	1	BIOPAPUA	DW3770	Echinodermata	Ophiactidae	Ophiactis macrolepida Markanner-Turneretscher G, 1887
IE-2012-228	2	BIOPAPUA	DW3770	Echinodermata	Ophiuridae	Ophiomusium simplex Lyman T, 1878
IE-2012-229	5	BIOPAPUA	DW3770	Echinodermata	Ophiuridae	Ophiomusium sp.
IE-2012-230	1	BIOPAPUA	DW3770	Echinodermata	Amphiuridae	Amphiura sp.
IE-2012-231	1	BIOPAPUA	DW3770	Echinodermata	Ophiacanthidae	Amphilimna multispinosa Koehler R, 1922
IE-2012-232	3	BIOPAPUA	DW3687	Echinodermata	Ophiolepididae	Actinozonella sp.
IE-2012-233	1	BIOPAPUA	DW3687	Echinodermata	Ophiuridae	Ophiomusium relictum Koehler R, 1904
IE-2012-234	1	BIOPAPUA	DW3687	Echinodermata	Ophiomyxidae	Ophiogrimus sp.
IE-2012-235	1	BIOPAPUA	DW3687	Echinodermata	Ophiolepididae	Actinozonella sp.
IE-2012-236	1	BIOPAPUA	CP3737	Echinodermata	Ophiolepididae	Ophiomusium mirandum Koehler R, 1930
IE-2012-237	1	BIOPAPUA	CP3737	Echinodermata	Ophioleucidae	Ophioleucidae sp.
IE-2012-238	1	BIOPAPUA	CP3737	Echinodermata	Asteronychidae	Asteronyx loveni Müller J & Troschell F H, 1842
IE-2012-239	2	BIOPAPUA	CP3737	Echinodermata	Ophiolepididae	Actinozonella casta (Koehler R, 1904)
IE-2012-240	1	BIOPAPUA	CP3737	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-241	1	BIOPAPUA	CP3737	Echinodermata	Ophiacanthidae	Ophiomitrella subjecta Koehler R, 1922
IE-2012-242	4	BIOPAPUA	CP3739	Echinodermata	Ophiuridae	Ophiura irrorata Lyman T, 1878
IE-2012-243	9	BIOPAPUA	CP3739	Echinodermata	Ophiacanthidae	Ophiotreta stimulea (Lyman T, 1878)
IE-2012-244	2	BIOPAPUA	CP3739	Echinodermata	Ophiolepididae	Ophiomusium mirandum Koehler R, 1930
IE-2012-245	1	BIOPAPUA	CP3739	Echinodermata	Asteronychidae	Asteronyx loveni Müller J & Troschell F H, 1842
IE-2012-246	1	BIOPAPUA	CP3739	Echinodermata	Ophiuridae	Actinozonella longispina Clark H L, 1908
IE-2012-247	2	BIOPAPUA	CP3739	Echinodermata	Ophiuridae	Ophizonella sp.
IE-2012-248	1	BIOPAPUA	CP3739	Echinodermata	Ophiolepididae	Ophizonella casta (Koehler R, 1904)
IE-2012-249	2	BIOPAPUA	CP3739	Echinodermata	Ophiacanthidae	Ophiacantha pentagona Koehler R, 1897
IE-2012-250	2	BIOPAPUA	CP3739	Echinodermata	Ophiacanthidae	Ophiomoeris tenera (Koehler R, 1897)
IE-2012-251	1	BIOPAPUA	CP3739	Echinodermata	Ophiuridae	Ophiomusium sp.
IE-2012-252	1	BIOPAPUA	CP3739	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-253	1	BIOPAPUA	CP3739	Echinodermata	Ophiacanthidae	Ophiacantha sp.
IE-2012-254	2	BIOPAPUA	DW3777	Echinodermata	Amphiuridae	Amphiura celata Koehler R, 1905
IE-2012-255	1	BIOPAPUA	DW3777	Echinodermata	Amphiuridae	Amphipholis squamata (Delle-Chiaje S, 1828)
IE-2012-256	1	BIOPAPUA	CP3707	Echinodermata	Amphiuridae	Amphiura diomedae Lütken C F & Mortensen T, 1899
IE-2012-257	1	BIOPAPUA	CP3656	Echinodermata	Ophiacanthidae	Ophiocamax vitrea Lyman T, 1878
IE-2012-258	2	BIOPAPUA	DW3776	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-259	1	BIOPAPUA	CP3756	Echinodermata	Ophiomyxidae	Ophioscolex sp.
IE-2012-260	1	BIOPAPUA	CP3756	Echinodermata	Ophiacanthidae	Ophiotreta stimulea (Lyman T, 1878)
IE-2012-261	1	BIOPAPUA	DW3694	Echinodermata	Ophioleucidae	Ophiopallas paradoxoa Koehler R, 1904
IE-2012-262	1	BIOPAPUA	CP3658	Echinodermata	Ophiolepididae	Actinozonella sp.
IE-2012-263	1	BIOPAPUA	CP3658	Echinodermata	Ophiocitonidae	Ophioplax lamellosa Matsumoto H, 1915
IE-2012-264	1	BIOPAPUA	CP3658	Echinodermata	Ophiacanthidae	Ophiomitrella sp.
IE-2012-265	1	BIOPAPUA	DW3641	Echinodermata	Ophiuridae	Ophiopshalma elegans (Koehler R, 1897)
IE-2012-266	1	BIOPAPUA	DW3641	Echinodermata	Ophiuridae	Amphiophiura sordida (Koehler R, 1897)
IE-2012-267	1	BIOPAPUA	DW3641	Echinodermata	Amphiuridae	Amphipholis squamata (Delle-Chiaje S, 1828)
IE-2012-268	2	BIOPAPUA	CP3658	Echinodermata	Amphiuridae	Amphioplus depressa (Ljungman A V, 1867)
IE-2012-269	1	BIOPAPUA	CP3658	Echinodermata	Amphiuridae	Amphiura sp.
IE-2012-270	3	BIOPAPUA	DW3764	Echinodermata	Amphiuridae	Amphioplus depressa (Ljungman A V, 1867)
IE-2012-271	1	BIOPAPUA	DW3764	Echinodermata	Amphiuridae	Amphiura sp.
IE-2012-272	1	BIOPAPUA	DW3764	Echinodermata	Amphilepididae	Amphilepis mobilis Koehler R, 1904
IE-2012-273	4	BIOPAPUA	CP3653	Echinodermata	Ophiacanthidae	Ophiopristis procer (Koehler R, 1904)
IE-2012-274	2	BIOPAPUA	CP3653	Echinodermata	Ophiacanthidae	Ophiomyces delata Koehler R, 1904
IE-2012-275	1	BIOPAPUA	CP3653	Echinodermata	Ophiuridae	Amphiophiura cf. liberata
IE-2012-276	1	BIOPAPUA	CP3653	Echinodermata	Ophiolepididae	Ophiophyllum teplium McKnight D G, 2003
IE-2012-277	1	BIOPAPUA	CP3653	Echinodermata	Ophiacanthidae	Ophiophthalmus relictus (Koehler R, 1904)
IE-2012-278	1	BIOPAPUA	CP3653	Echinodermata	Ophioleucidae	Ophiurus adspersus Lyman T, 1883
IE-2012-279	1	BIOPAPUA	CP3653	Echinodermata	Ophiuridae	Actinozonella longispina Clark H L, 1908
IE-2012-280	3	BIOPAPUA	CP3653	Echinodermata	Ophiactidae	Histampica duplicita (Lyman T, 1874)
IE-2012-281	17	BIOPAPUA	CP3653	Echinodermata	Amphiuridae	Amphioplus sp.
IE-2012-282	19	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	Ophiomusium luetkeni Lyman T, 1878
IE-2012-283	1	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	Ophiomusium lunare Lyman T, 1878
IE-2012-284	3	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	Ophioplocus declinans (Koehler R, 1904)
IE-2012-285	1	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	Ophizonella projecta (Koehler R, 1905)
IE-2012-286	2	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	Ophiolipus granulatus Koehler R, 1897
IE-2012-287	2	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	Amphiophiura sp.
IE-2012-288	2	BIOPAPUA	DW3732	Echinodermata	Ophiolecididae	Ophiopallas paradoxoa Koehler R, 1904
IE-2012-289	1	BIOPAPUA	DW3732	Echinodermata	Ophiolepididae	Actinozonella texturatus (Lyman T, 1883)
IE-2012-290	1	BIOPAPUA	DW3732	Echinodermata	Ophiacanthidae	Ophiomitrella sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IE-2012-291	1	BIOPAPUA	DW3732	Echinodermata	Ophiactidae	<i>Astrocharis virgo</i> Koehler R, 1904
IE-2012-292	1	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	<i>Histampica duplicita</i> (Lyman T, 1874)
IE-2012-293	2	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	<i>Ophiospalma</i> sp.
IE-2012-294	4	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	<i>Ophiomastus</i> sp.
IE-2012-295	3	BIOPAPUA	CP3755	Echinodermata	Ophiuridae	<i>Amphiophiura</i> cf. <i>pertusa</i>
IE-2012-296	2	BIOPAPUA	CP3755	Echinodermata	Ophiuridae	<i>Amphiophiura bakeri</i> McKnight D G, 2003
IE-2012-297	5	BIOPAPUA	CP3755	Echinodermata	Ophiuridae	<i>Amphiophiura insolita</i> (Koehler R, 1904)
IE-2012-298	1	BIOPAPUA	CP3755	Echinodermata	Ophioleucidae	<i>Ophioleuce brevispinum</i> (Clark H L, 1911)
IE-2012-299	1	BIOPAPUA	CP3755	Echinodermata	Ophiuridae	<i>Amphiophiura laudata</i> (Koehler R, 1904)
IE-2012-300	2	BIOPAPUA	CP3755	Echinodermata	Ophiuridae	<i>Ophioptyrus trispinosus</i> Koehler R, 1904
IE-2012-301	1	BIOPAPUA	CP3755	Echinodermata	Ophiuridae	<i>Stegophiura lapidaria</i> (Lyman T, 1878)
IE-2012-302	1	BIOPAPUA	CP3755	Echinodermata	Ophiuridae	<i>Ophiospalma elegans</i> (Koehler R, 1897)
IE-2012-303	2	BIOPAPUA	CP3755	Echinodermata	Ophiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-304	1	BIOPAPUA	CP3755	Echinodermata	Ophiacanthidae	<i>Ophiopristis procera</i> (Koehler R, 1904)
IE-2012-305	13	BIOPAPUA	CP3755	Echinodermata	Ophiacanthidae	<i>Ophiacantha pentagona</i> Koehler R, 1897
IE-2012-306	1	BIOPAPUA	CP3755	Echinodermata	Opholepididae	<i>Ophiophyllum teplium</i> McKnight D G, 2003
IE-2012-307	2	BIOPAPUA	CP3755	Echinodermata	Ophiactidae	<i>Histampica duplicita</i> (Lyman T, 1874)
IE-2012-308	1	BIOPAPUA	CP3755	Echinodermata	Amphiuridae	<i>Amphiura</i> sp.
IE-2012-309	1	BIOPAPUA	CP3755	Echinodermata	Ophiuridae	<i>Ophioplithus inornata</i> (Lyman T, 1878)
IE-2012-310	1	BIOPAPUA	CP3755	Echinodermata	Ophiochitonidae	<i>Ophiochiton fastigatus</i> Lyman T, 1878
IE-2012-311	3	BIOPAPUA	CP3755	Echinodermata	Opholepididae	<i>Ophiozonella casta</i> (Koehler R, 1904)
IE-2012-312	9	BIOPAPUA	CP3718	Echinodermata	Ophiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1897)
IE-2012-313	1	BIOPAPUA	CP3718	Echinodermata	Ophiuridae	<i>Ophiura jejuna</i> (Lyman T, 1878)
IE-2012-314	2	BIOPAPUA	CP3718	Echinodermata	Ophiuridae	<i>Ophiospalma elegans</i> (Koehler R, 1897)
IE-2012-315	3	BIOPAPUA	CP3718	Echinodermata	Ophiacanthidae	<i>Ophiotrema stimulea</i> (Lyman T, 1878)
IE-2012-316	1	BIOPAPUA	CP3718	Echinodermata	Ophiacanthidae	<i>Ophioplinthaca</i> sp. <i>Verrill A E, 1899</i>
IE-2012-317	5	BIOPAPUA	CP3718	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-318	1	BIOPAPUA	CP3718	Echinodermata	Ophiacanthidae	<i>Ophiacantha</i> sp.
IE-2012-319	20	BIOPAPUA	CP3645	Echinodermata	Amphiuridae	<i>Amphipholis</i> sp.
IE-2012-320	1	BIOPAPUA	CP3645	Echinodermata	Ophiuridae	<i>Ophiomusium lunare</i> Lyman T, 1878
IE-2012-321	1	BIOPAPUA	CP3645	Echinodermata	Amphiuridae	<i>Amphiura</i> sp.
IE-2012-322	2	BIOPAPUA	CP3690	Echinodermata	Ophiacanthidae	<i>Ophiacantha pentagona</i> Koehler R, 1897
IE-2012-323	1	BIOPAPUA	CP3690	Echinodermata	Ophiactidae	<i>Histampica duplicita</i> (Lyman T, 1874)
IE-2012-324	1	BIOPAPUA	CP3690	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-325	2	BIOPAPUA	DW3734	Echinodermata	Ophiuridae	<i>Amphiophiura</i> cf. <i>pertusa</i>
IE-2012-326	1	BIOPAPUA	DW3734	Echinodermata	Ophiuridae	<i>Ophiolipus granulatus</i> Koehler R, 1897
IE-2012-327	1	BIOPAPUA	DW3734	Echinodermata	Ophiuridae	<i>Astrocharis virgo</i> Koehler R, 1904
IE-2012-328	3	BIOPAPUA	DW3734	Echinodermata	Ophiuridae	<i>Ophioplocus declinans</i> (Koehler R, 1904)
IE-2012-329	2	BIOPAPUA	DW3734	Echinodermata	Ophiactidae	<i>Ophiactis profundi</i> Lütken C F & Mortensen T, 1899
IE-2012-330	3	BIOPAPUA	DW3734	Echinodermata	Ophiuridae	<i>Ophiomusium luetkeni</i> Lyman T, 1878
IE-2012-331	2	BIOPAPUA	DW3766	Echinodermata	Hemieuryalidae	<i>Ophiomorpha obstricta</i> (Lyman T, 1878)
IE-2012-332	3	BIOPAPUA	DW3766	Echinodermata	Asteroschematidae	<i>Astrocharis ijimai</i> Matsumoto H H, 1911
IE-2012-333	1	BIOPAPUA	DW3766	Echinodermata	Ophiuridae	<i>Ophiomusium scalare</i> Lyman T, 1878
IE-2012-334	1	BIOPAPUA	DW3766	Echinodermata	Ophiuridae	<i>Ophiomusium relictum</i> Koehler R, 1904
IE-2012-335	6	BIOPAPUA	DW3766	Echinodermata	Ophiacanthidae	<i>Ophiomitrella</i> sp.
IE-2012-336	1	BIOPAPUA	DW3766	Echinodermata	Ophiochitonidae	<i>Ophioplax lamellosa</i> Matsumoto H, 1915
IE-2012-337	2	BIOPAPUA	DW3766	Echinodermata	Ophiactidae	<i>Ophiactis profundi</i> Lütken C F & Mortensen T, 1899
IE-2012-338	2	BIOPAPUA	DW3766	Echinodermata	Ophiactidae	<i>Histampica duplicita</i> (Lyman T, 1874)
IE-2012-339	1	BIOPAPUA	DW3766	Echinodermata	Amphiuridae	<i>Amphiura</i> sp.
IE-2012-340	1	BIOPAPUA	DW3766	Echinodermata	Ophiuridae	<i>Ophiozonella molesta</i> (Koehler R, 1904)
IE-2012-341	1	BIOPAPUA	DW3766	Echinodermata	Amphiuridae	<i>Amphiura</i> sp.
IE-2012-342	1	BIOPAPUA	DW3766	Echinodermata	Ophiacanthidae	<i>Ophiopristis vestita</i> (Koehler R, 1897)
IE-2012-343	2	BIOPAPUA	DW3745	Echinodermata	Ophiuridae	<i>Ophiozonella bispinosa</i> (Koehler R, 1897)
IE-2012-344	13	BIOPAPUA	DW3745	Echinodermata	Ophiuridae	<i>Stegophiura lapidaria</i> (Lyman T, 1878)
IE-2012-345	1	BIOPAPUA	DW3745	Echinodermata	Opholeucidae	<i>Ophioleuce seminudum</i> Koehler R, 1904
IE-2012-346	5	BIOPAPUA	DW3745	Echinodermata	Opholeucidae	<i>Ophiopallas paradoxa</i> Koehler R, 1904
IE-2012-347	1	BIOPAPUA	DW3745	Echinodermata	Ophiacanthidae	<i>Ophiomyces delata</i> Koehler R, 1904
IE-2012-348	3	BIOPAPUA	DW3745	Echinodermata	Ophiuridae	<i>Ophiomusium scalare</i> Lyman T, 1878
IE-2012-349	7	BIOPAPUA	DW3745	Echinodermata	Ophiuridae	<i>Amphiophiura laudata</i> (Koehler R, 1904)
IE-2012-350	2	BIOPAPUA	DW3745	Echinodermata	Ophiuridae	<i>Amphiophiura bakeri</i> McKnight D G, 2003
IE-2012-351	1	BIOPAPUA	DW3745	Echinodermata	Opholepididae	<i>Actinozona</i> sp.
IE-2012-352	2	BIOPAPUA	DW3745	Echinodermata	Ophiactidae	<i>Ophiactis profundi</i> Lütken C F & Mortensen T, 1899
IE-2012-353	2	BIOPAPUA	DW3745	Echinodermata	Ophiochitonidae	<i>Ophioplax lamellosa</i> Matsumoto H, 1915
IE-2012-354	1	BIOPAPUA	DW3745	Echinodermata	Ophiuridae	<i>Ophiomusium relictum</i> Koehler R, 1904
IE-2012-355	1	BIOPAPUA	DW3745	Echinodermata	Ophiuridae	<i>Ophiomusium luetkeni</i> Lyman T, 1878
IE-2012-356	1	BIOPAPUA	DW3745	Echinodermata	Amphiuridae	<i>Amphiura</i> sp.
IE-2012-357	1	BIOPAPUA	DW3745	Echinodermata	Ophiuridae	<i>Ophiozonella molesta</i> (Koehler R, 1904)
IE-2012-358	1	BIOPAPUA	DW3745	Echinodermata	Ophiuridae	<i>Amphiophiura</i> cf. <i>pertusa</i>
IE-2012-359	5	BIOPAPUA	CP3721	Echinodermata	Ophiacanthidae	<i>Ophiacantha</i> sp.
IE-2012-360	1	BIOPAPUA	CP3721	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-361	1	BIOPAPUA	CP3721	Echinodermata	Ophiacanthidae	<i>Ophiomycetes delata</i> Koehler R, 1904
IE-2012-362	7	BIOPAPUA	CP3721	Echinodermata	Amphiuridae	<i>Amphioplus</i> sp.
IE-2012-363	3	BIOPAPUA	DW3754	Echinodermata	Ophiuridae	<i>Amphiophiura</i> cf. <i>pertusa</i>
IE-2012-364	7	BIOPAPUA	DW3754	Echinodermata	Ophiuridae	<i>Ophioptyrus trispinosus</i> Koehler R, 1904
IE-2012-365	5	BIOPAPUA	DW3754	Echinodermata	Ophiuridae	<i>Amphiophiura insolita</i> (Koehler R, 1904)
IE-2012-366	1	BIOPAPUA	DW3754	Echinodermata	Ophiuridae	<i>Ophioplus granulatus</i> Koehler R, 1897
IE-2012-367	1	BIOPAPUA	DW3754	Echinodermata	Ophiuridae	<i>Ophioplithus inornata</i> (Lyman T, 1878)
IE-2012-368	1	BIOPAPUA	DW3754	Echinodermata	Ophiacanthidae	<i>Ophiacantha pentagona</i> Koehler R, 1897
IE-2012-369	1	BIOPAPUA	DW3754	Echinodermata	Ophiuridae	<i>Ophiospalma elegans</i> (Koehler R, 1897)
IE-2012-370	1	BIOPAPUA	DW3754	Echinodermata	Ophiuridae	<i>Ophiophyllum petilum</i> Lyman T, 1878
IE-2012-371	4	BIOPAPUA	DW3754	Echinodermata	Ophiuridae	<i>Stegophiura lapidaria</i> (Lyman T, 1878)
IE-2012-372	1	BIOPAPUA	DW3754	Echinodermata	Ophiacanthidae	<i>Ophiomyces delata</i> Koehler R, 1904
IE-2012-373	1	BIOPAPUA	DW3754	Echinodermata	Ophiacanthidae	<i>Ophiopristis vestita</i> (Koehler R, 1897)
IE-2012-374	1	BIOPAPUA	DW3754	Echinodermata	Amphiuridae	<i>Amphiura</i> sp.
IE-2012-375	2	BIOPAPUA	DW3754	Echinodermata	Ophiactidae	<i>Histampica duplicita</i> (Lyman T, 1874)
IE-2012-376	6	BIOPAPUA	DW3754	Echinodermata	Ophiuridae	<i>Amphiophiura bakeri</i> McKnight D G, 2003
IE-2012-377	5	BIOPAPUA	CP3674	Echinodermata	Ophiacanthidae	<i>Ophiacantha</i> sp.
IE-2012-380	1	BIOPAPUA	CP3674	Echinodermata	Ophiacanthidae	<i>Ophiolimna antarctica</i> (Lyman T, 1879)
IE-2012-381	1	BIOPAPUA	CP3674	Echinodermata	Ophiactidae	<i>Ophiactis profundi</i> Lütken C F & Mortensen T, 1899
IE-2012-382	2	BIOPAPUA	DW3758	Echinodermata	Opholeucidae	<i>Ophiopallas paradoxa</i> Koehler R, 1904
IE-2012-383	1	BIOPAPUA	DW3758	Echinodermata	Ophiacanthidae	<i>Ophiocopa spatula</i> Lyman T, 1883
IE-2012-384	1	BIOPAPUA	DW3758	Echinodermata	Ophiuridae	<i>Ophiomusium luettkeni</i> Lyman T, 1878
IE-2012-385	1	BIOPAPUA	DW3758	Echinodermata	Ophiuridae	<i>Aspidophiura forbesi</i> (Duncan P M, 1878)
IE-2012-386	1	BIOPAPUA	DW3758	Echinodermata	Ophiuridae	<i>Amphiophiura</i> sp.
IE-2012-387	2	BIOPAPUA	DW3758	Echinodermata	Ophiuridae	<i>Ophiomusium</i> sp.
IE-2012-388	4	BIOPAPUA	DW3758	Echinodermata	Ophiuridae	<i>Amphiophiura</i> cf. <i>pertusa</i>
IE-2012-389	3	BIOPAPUA	DW3758	Echinodermata	Ophiuridae	<i>Ophioptyrus trispinosus</i> Koehler R, 1904
IE-2012-390	1	BIOPAPUA	DW3758	Echinodermata	Opholepididae	<i>Ophiophyllum petilum</i> Lyman T, 1878
IE-2012-391	1	BIOPAPUA	DW3758	Echinodermata	Ophiuridae	<i>Amphiophiurum</i> sp.
IE-2012-392	10	BIOPAPUA	CP3650	Echinodermata	Ophiacanthidae	<i>Ophioplithaca rufis</i> (Koehler R, 1897)
IE-2012-393	1	BIOPAPUA	CP3650	Echinodermata	Ophiuridae	<i>Amphiophiura spatulifera</i> Koehler R, 1922
IE-2012-394	1	BIOPAPUA	CP3650	Echinodermata	Ophiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1897)
IE-2012-395	2	BIOPAPUA	CP3650	Echinodermata	Ophiacanthidae	<i>Ophiophthalmus relictus</i> (Koehler R, 1904)
IE-2012-396	1	BIOPAPUA	CP3650	Echinodermata	Ophiacanthidae	<i>Ophiocopa spatula</i> Lyman T, 1883
IE-2012-397	4	BIOPAPUA	CP3650	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-398	2	BIOPAPUA	CP3650	Echinodermata	Ophiacanthidae	<i>Ophiotrema stimulea</i> (Lyman T, 1878)

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IE-2012-399	1	BIOPAPUA	CP3650	Echinodermata	Asteroschematidae	Ophiocreas oedipus Lyman T, 1879
IE-2012-400	1	BIOPAPUA	CP3650	Echinodermata	Asteroschematidae	Asteroschema sp.
IE-2012-401	1	BIOPAPUA	CP3697	Echinodermata	Ophidiuridae	Ophidura jejuna (Lyman T, 1878)
IE-2012-402	1	BIOPAPUA	CP3697	Echinodermata	Ophidiuridae	Ophiospalma elegans (Koehler R, 1897)
IE-2012-403	1	BIOPAPUA	CP3697	Echinodermata	Ophidiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-404	1	BIOPAPUA	CP3697	Echinodermata	Ophiactidae	Histampica duplicita (Lyman T, 1874)
IE-2012-405	1	BIOPAPUA	CP3697	Echinodermata	Ophioleucidae	Ophiopallas paradoxa Koehler R, 1904
IE-2012-406	2	BIOPAPUA	CP3697	Echinodermata	Ophiacanthidae	Ophiacantha pentagona Koehler R, 1897
IE-2012-407	1	BIOPAPUA	DW3782	Echinodermata	Amphiuridae	Amphioplus sp.
IE-2012-408	1	BIOPAPUA	DW3782	Echinodermata	Amphiuridae	Amphioplus sp.
IE-2012-409	1	BIOPAPUA	DW3772	Echinodermata	Amphilepidae	Amphilepis mobilis Koehler R, 1904
IE-2012-410	1	BIOPAPUA	DW3772	Echinodermata	Amphiuridae	Amphipholis squamata (Delle-Chieze S, 1828)
IE-2012-411	1	BIOPAPUA	DW3772	Echinodermata	Amphiuridae	Amphiura sp.
IE-2012-412	3	BIOPAPUA	DW3772	Echinodermata	Ophidiuridae	Aspidophura corone Hertz M, 1927
IE-2012-413	3	BIOPAPUA	CP3724	Echinodermata	Ophiacanthidae	Ophiphthalmus relictus (Koehler R, 1904)
IE-2012-414	1	BIOPAPUA	CP3691	Echinodermata	Ophidiuridae	Ophiozonella molesta (Koehler R, 1904)
IE-2012-415	6	BIOPAPUA	CP3671	Echinodermata	Ophidiuridae	Ophiospalma elegans (Koehler R, 1897)
IE-2012-416	7	BIOPAPUA	CP3671	Echinodermata	Ophidiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-417	2	BIOPAPUA	CP3671	Echinodermata	Ophidiuridae	Ophiozonella longispina Clark H L, 1908
IE-2012-418	1	BIOPAPUA	CP3671	Echinodermata	Ophidiuridae	Ophiozonella subtilis Koehler R, 1922
IE-2012-419	1	BIOPAPUA	CP3697	Echinodermata	Asteroschematidae	Asteroschema sp.
IE-2012-420	6	BIOPAPUA	CP3723	Echinodermata	Ophidiuridae	Ophiomusium lymani Thomson C W, 1873
IE-2012-421	4	BIOPAPUA	CP3713	Echinodermata	Ophiidermatidae	Bathypectinura heros (Lyman T, 1879)
IE-2012-422	3	BIOPAPUA	CP3674	Echinodermata	Ophiidermatidae	Bathypectinura heros (Lyman T, 1879)
IE-2012-423	3	BIOPAPUA	CP3744	Echinodermata	Ophiacanthidae	Ophiotrema stimulea (Lyman T, 1878)
IE-2012-424	6	BIOPAPUA	CP3744	Echinodermata	Ophiacanthidae	Ophiotrema matra (Koehler R, 1904)
IE-2012-425	1	BIOPAPUA	CP3750	Echinodermata	Ophidiuridae	Ophiozonella longispina Clark H L, 1908
IE-2012-426	1	BIOPAPUA	CP3759	Echinodermata	Ophidiuridae	Ophiospalma elegans (Koehler R, 1897)
IE-2012-427	1	BIOPAPUA	CP3759	Echinodermata	Ophidiuridae	Ophioplithus inornata (Lyman T, 1878)
IE-2012-428	3	BIOPAPUA	CP3736	Echinodermata	Ophidiuridae	Amphiophiura cf. liberata
IE-2012-429	47	BIOPAPUA	CP3658	Echinodermata	Ophiacanthidae	Ophiacantha serrata Lyman T, 1878
IE-2012-430	1	BIOPAPUA	CP3658	Echinodermata	Ophiacanthidae	Ophiotrema stimulea (Lyman T, 1878)
IE-2012-431	11	BIOPAPUA	CP3672	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-432	2	BIOPAPUA	CP3672	Echinodermata	Ophiacanthidae	Ophiphthalmus relictus (Koehler R, 1904)
IE-2012-433	1	BIOPAPUA	CP3691	Echinodermata	Ophidiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-434	2	BIOPAPUA	CP3689	Echinodermata	Ophidiuridae	Amphiophiura cf. liberata
IE-2012-435	1	BIOPAPUA	CP3750	Echinodermata	Ophidiuridae	Ophiospalma properum (Koehler R, 1904)
IE-2012-436	1	BIOPAPUA	CP3653	Echinodermata	Asteronychidae	Asteronyx loveni Müller J & Troschell F H, 1842
IE-2012-437	2	BIOPAPUA	CP3759	Echinodermata	Ophidiuridae	Amphiophiura turgida Koehler R, 1930
IE-2012-438	1	BIOPAPUA	CP3759	Echinodermata	Ophidiuridae	Ophiopyrgus trispinosus Koehler R, 1904
IE-2012-439	2	BIOPAPUA	CP3672	Echinodermata	Ophiacanthidae	Ophiacantha pentagona Koehler R, 1897
IE-2012-440	8	BIOPAPUA	CP3742	Echinodermata	Ophidiuridae	Amphiophiura sordida (Koehler R, 1897)
IE-2012-441	1	BIOPAPUA	CP3736	Echinodermata	Asteroschematidae	Astrocharis ijimai Matsumoto H H, 1911
IE-2012-442	1	BIOPAPUA	CP3742	Echinodermata	Ophidiuridae	Amphiophiura bakeri McKnight D G, 2003
IE-2012-443	1	BIOPAPUA	CP3742	Echinodermata	Ophidiuridae	Amphiophiura liberata (Koehler R, 1904)
IE-2012-444	1	BIOPAPUA	CP3742	Echinodermata	Ophiacanthidae	Ophiotrema stimulea (Lyman T, 1878)
IE-2012-445	1	BIOPAPUA	CP3742	Echinodermata	Ophioleucidae	Ophiopallas brevispina (Lyman T, 1878)
IE-2012-446	1	BIOPAPUA	CP3742	Echinodermata	Ophidiuridae	Ophidura micracantha Clark H L, 1911
IE-2012-447	1	BIOPAPUA	CP3742	Echinodermata	Ophidiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-448	7	BIOPAPUA	CP3736	Echinodermata	Ophidiuridae	Ophiospalma elegans (Koehler R, 1897)
IE-2012-449	3	BIOPAPUA	CP3759	Echinodermata	Ophidiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-450	1	BIOPAPUA	CP3759	Echinodermata	Ophidiuridae	Amphiophiura insolita (Koehler R, 1904)
IE-2012-451	2	BIOPAPUA	CP3736	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-452	3	BIOPAPUA	CP3670	Echinodermata	Ophiacanthidae	Ophiacantha pentagona Koehler R, 1897
IE-2012-453	1	BIOPAPUA	CP3742	Echinodermata	Ophiacanthidae	Ophiotrema stimulea (Lyman T, 1878)
IE-2012-454	3	BIOPAPUA	CP3709	Echinodermata	Ophidiuridae	Amphiophiura cf. liberata
IE-2012-455	2	BIOPAPUA	CP3759	Echinodermata	Ophiacanthidae	Ophiomyces delata Koehler R, 1904
IE-2012-456	1	BIOPAPUA	CP3759	Echinodermata	Ophiacanthidae	Ophiopristis vestita (Koehler R, 1897)
IE-2012-457	1	BIOPAPUA	CP3672	Echinodermata	Ophiacanthidae	Ophialcea tuberculosa (Lyman T, 1878)
IE-2012-458	2	BIOPAPUA	CP3736	Echinodermata	Ophidiuridae	Amphiophiura sordida (Koehler R, 1897)
IE-2012-459	1	BIOPAPUA	CP3736	Echinodermata	Ophidiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-460	1	BIOPAPUA	CP3736	Echinodermata	Ophidiuridae	Ophiomusium scalare Lyman T, 1878
IE-2012-461	1	BIOPAPUA	CP3736	Echinodermata	Ophiacanthidae	Ophiomitrella stellifera Matsumoto H, 1917
IE-2012-462	2	BIOPAPUA	CP3736	Echinodermata	Ophiacanthidae	Ophiotrema stimulea (Lyman T, 1878)
IE-2012-463	1	BIOPAPUA	CP3736	Echinodermata	Ophiacanthidae	Ophiacantha pentagona Koehler R, 1897
IE-2012-464	1	BIOPAPUA	CP3736	Echinodermata	Ophiacanthidae	Ophiolina antarctica (Lyman T, 1879)
IE-2012-465	1	BIOPAPUA	CP3736	Echinodermata	Ophiacanthidae	Ophiocopa spatula Lyman T, 1883
IE-2012-466	2	BIOPAPUA	CP3736	Echinodermata	Ophioleucidae	Ophiermus adspersus Lyman T, 1883
IE-2012-467	7	BIOPAPUA	CP3736	Echinodermata	Ophioleucidae	Ophiostriatus spinosus (Koehler R, 1897)
IE-2012-468	1	BIOPAPUA	CP3736	Echinodermata	Ophiacanthidae	Ophiotrema matura (Koehler R, 1904)
IE-2012-469	5	BIOPAPUA	CP3736	Echinodermata	Ophiacanthidae	Ophioplinthaca monitor Koehler R, 1930
IE-2012-470	1	BIOPAPUA	CP3759	Echinodermata	Ophiacanthidae	Ophiomyces delata Koehler R, 1904
IE-2012-471	7	BIOPAPUA	CP3676	Echinodermata	Ophidiuridae	Ophiomusium lymani Thomson C W, 1873
IE-2012-472	1	BIOPAPUA	CP3659	Echinodermata	Ophidiuridae	Ophiozonella bispinosa (Koehler R, 1897)
IE-2012-473	1	BIOPAPUA	CP3659	Echinodermata	Ophiocitonidae	Ophiociton fastigatus Lyman T, 1878
IE-2012-474	3	BIOPAPUA	CP3659	Echinodermata	Ophidiuridae	Amphiophiura cf. pertusa
IE-2012-475	9	BIOPAPUA	CP3709	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-476	1	BIOPAPUA	CP3709	Echinodermata	Ophiacanthidae	Ophialcea tuberculosa (Lyman T, 1878)
IE-2012-477	1	BIOPAPUA	CP3709	Echinodermata	Ophiacanthidae	Ophioplinthaca hastata Koehler R, 1922
IE-2012-478	1	BIOPAPUA	CP3709	Echinodermata	Ophiacanthidae	Ophiolina antarctica (Lyman T, 1879)
IE-2012-479	10	BIOPAPUA	CP3759	Echinodermata	Ophidiuridae	Amphiophiura insolita (Koehler R, 1904)
IE-2012-480	1	BIOPAPUA	CP3759	Echinodermata	Ophidiuridae	Ophioplithus inornata (Lyman T, 1878)
IE-2012-481	6	BIOPAPUA	CP3723	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-482	1	BIOPAPUA	CP3674	Echinodermata	Ophidiuridae	Amphiophiura sordida (Koehler R, 1897)
IE-2012-483	1	BIOPAPUA	CP3670	Echinodermata	Ophiomyxidae	Ophiomyxidae sp.
IE-2012-484	1	BIOPAPUA	CP3740	Echinodermata	Ophidiuridae	Ophiozonella longispina Clark H L, 1908
IE-2012-485	1	BIOPAPUA	CP3740	Echinodermata	Ophidiuridae	Ophidura micracantha Clark H L, 1911
IE-2012-486	1	BIOPAPUA	DW3748	Echinodermata	Ophiacanthidae	Ophiomyces delata Koehler R, 1904
IE-2012-487	1	BIOPAPUA	CP3750	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-488	12	BIOPAPUA	CP3744	Echinodermata	Ophidiuridae	Ophiospalma elegans (Koehler R, 1897)
IE-2012-489	2	BIOPAPUA	CP3744	Echinodermata	Ophidiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-490	1	BIOPAPUA	CP3744	Echinodermata	Ophiacanthidae	Ophioplithaca rudis (Koehler R, 1897)
IE-2012-491	1	BIOPAPUA	CP3724	Echinodermata	Asteroschematidae	Asteroschema sp.
IE-2012-492	4	BIOPAPUA	CP3759	Echinodermata	Ophioleucidae	Ophiopallas brevispina (Lyman T, 1878)
IE-2012-493	3	BIOPAPUA	CP3744	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-494	1	BIOPAPUA	CP3653	Echinodermata	Ophidiuridae	Amphiophiura insolita (Koehler R, 1904)
IE-2012-495	1	BIOPAPUA	CP3659	Echinodermata	Ophidiuridae	Amphiophiura sordida (Koehler R, 1897)
IE-2012-496	1	BIOPAPUA	CP3659	Echinodermata	Amphiuridae	Amphiura sp.
IE-2012-497	1	BIOPAPUA	CP3659	Echinodermata	Amphiuridae	Ophioplax lamellosa Matsumoto H, 1915
IE-2012-498	1	BIOPAPUA	CP3659	Echinodermata	Ophiocitonidae	Ophiotreta stimulea (Lyman T, 1878)
IE-2012-499	1	BIOPAPUA	CP3659	Echinodermata	Ophiacanthidae	Ophidura jejuna (Lyman T, 1878)
IE-2012-500	1	BIOPAPUA	CP3744	Echinodermata	Ophidiuridae	Ophiospalma properum (Koehler R, 1904)
IE-2012-501	1	BIOPAPUA	CP3651	Echinodermata	Ophidiuridae	Ophiospalma properum (Koehler R, 1904)
IE-2012-502	3	BIOPAPUA	CP3664	Echinodermata	Ophidiuridae	Ophidura micracantha Clark H L, 1911
IE-2012-503	1	BIOPAPUA	CP3664	Echinodermata	Ophiacanthidae	Amphiilima polyacantha Liao Y, 1983
IE-2012-504	1	BIOPAPUA	CP3709	Echinodermata	Ophiacanthidae	Ophiotrema stimulea (Lyman T, 1878)
IE-2012-505	1	BIOPAPUA	CP3750	Echinodermata	Ophiacanthidae	Ophiotrema stimulea (Lyman T, 1878)

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IE-2012-506	1	BIOPAPUA	CP3750	Echinodermata	Ophiacanthidae	<i>Ophiacantha pentagona</i> Koehler R, 1897
IE-2012-507	2	BIOPAPUA	CP3750	Echinodermata	Ophiacanthidae	<i>Ophiotoma tertium</i> (Koehler R, 1922)
IE-2012-508	1	BIOPAPUA	CP3750	Echinodermata	Asteroschematidae	<i>Asteroschema</i> sp.
IE-2012-509	1	BIOPAPUA	CP3651	Echinodermata	Ophidiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1897)
IE-2012-510	1	BIOPAPUA	CP3651	Echinodermata	Ophidiuridae	<i>Amphiophiura spatulifera</i> Koehler R, 1922
IE-2012-511	1	BIOPAPUA	CP3653	Echinodermata	Ophiacanthidae	<i>Ophialcea tuberculosa</i> (Lyman T, 1878)
IE-2012-512	1	BIOPAPUA	CP3659	Echinodermata	Ophidiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-513	7	BIOPAPUA	CP3702	Echinodermata	Amphiuridae	<i>Amphioplus andreae</i> (Lütken C F, 1872)
IE-2012-514	2	BIOPAPUA	CP3702	Echinodermata	Amphilepidae	<i>Amphilepis mobilis</i> Koehler R, 1904
IE-2012-515	7	BIOPAPUA	CP3702	Echinodermata	Amphiuridae	<i>Amphiura</i> sp.
IE-2012-516	3	BIOPAPUA	CP3702	Echinodermata	Amphiuridae	<i>Amphioplus</i> sp.
IE-2012-517	1	BIOPAPUA	CP3702	Echinodermata	Ophiomyxidae	<i>Ophiomyxa bengalensis</i> Koehler R, 1897
IE-2012-518	10	BIOPAPUA	CP3702	Echinodermata	Ophidiuridae	<i>Ophiozonella longispina</i> Clark H L, 1908
IE-2012-519	2	BIOPAPUA	CP3702	Echinodermata	Ophidiuridae	<i>Ophiopshalma elegans</i> (Koehler R, 1897)
IE-2012-520	2	BIOPAPUA	CP3702	Echinodermata	Ophiolepididae	<i>Ophiomusium mirandum</i> Koehler R, 1930
IE-2012-521	1	BIOPAPUA	CP3671	Echinodermata	Ophidiuridae	<i>Ophiomusium relictum</i> Koehler R, 1904
IE-2012-522	1	BIOPAPUA	CP3671	Echinodermata	Ophiacanthidae	<i>Ophiomyces delata</i> Koehler R, 1904
IE-2012-523	25	BIOPAPUA	CP3652	Echinodermata	Ophidiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1897)
IE-2012-524	2	BIOPAPUA	CP3652	Echinodermata	Ophidiuridae	<i>Ophiopshalma elegans</i> (Koehler R, 1897)
IE-2012-525	1	BIOPAPUA	CP3652	Echinodermata	Ophidiuridae	<i>Ophira irrorata</i> Lyman T, 1878
IE-2012-526	5	BIOPAPUA	CP3654	Echinodermata	Ophidiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1897)
IE-2012-527	1	BIOPAPUA	CP3672	Echinodermata	Ophiacanthidae	<i>Ophiocopa spatula</i> Lyman T, 1883
IE-2012-528	1	BIOPAPUA	CP3672	Echinodermata	Ophiacanthidae	<i>Ophiotreta matura</i> (Koehler R, 1904)
IE-2012-529	15	BIOPAPUA	DW3732	Echinodermata	Ophidiuridae	<i>Ophiomusium luetkeni</i> Lyman T, 1878
IE-2012-530	2	BIOPAPUA	CP3665	Echinodermata	Ophidiuridae	<i>Ophiozonella subtis</i> Koehler R, 1922
IE-2012-531	5	BIOPAPUA	CP3665	Echinodermata	Ophidiuridae	<i>Ophira micracantha</i> Clark H L, 1911
IE-2012-532	15	BIOPAPUA	CP3686	Echinodermata	Ophidiuridae	<i>Ophiopshalma elegans</i> (Koehler R, 1897)
IE-2012-533	2	BIOPAPUA	CP3686	Echinodermata	Ophidiuridae	<i>Ophira jejuna</i> (Lyman T, 1878)
IE-2012-534	1	BIOPAPUA	CP3686	Echinodermata	Ophiocitonidae	<i>Ophiociton fastigatus</i> Lyman T, 1878
IE-2012-535	4	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Amphiophiura liberata</i> (Koehler R, 1904)
IE-2012-536	1	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Amphiophiura cf. pertusa</i>
IE-2012-537	11	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Amphiophiura bakeri</i> McKnight D G, 2003
IE-2012-538	1	BIOPAPUA	CP3672	Echinodermata	Ophidiuridae	<i>Ophiopshalma elegans</i> (Koehler R, 1897)
IE-2012-539	4	BIOPAPUA	CP3672	Echinodermata	Ophiactidae	<i>Histampica duplicita</i> (Lyman T, 1874)
IE-2012-540	4	BIOPAPUA	CP3672	Echinodermata	Ophioleucidae	<i>Ophiopallas paradoxa</i> Koehler R, 1904
IE-2012-541	106	BIOPAPUA	CP3651	Echinodermata	Ophidiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1897)
IE-2012-542	6	BIOPAPUA	CP3653	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-543	1	BIOPAPUA	CP3653	Echinodermata	Ophiacanthidae	<i>Ophiophtalmus relictus</i> (Koehler R, 1904)
IE-2012-544	4	BIOPAPUA	CP3667	Echinodermata	Ophidiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1904)
IE-2012-545	1	BIOPAPUA	CP3671	Echinodermata	Ophioleucidae	<i>Ophiopallas paradoxa</i> Koehler R, 1904
IE-2012-546	1	BIOPAPUA	CP3671	Echinodermata	Ophioleucidae	<i>Ophiopallas brevispina</i> (Lyman T, 1878)
IE-2012-547	6	BIOPAPUA	CP3674	Echinodermata	Ophidiuridae	<i>Ophiopshalma elegans</i> (Koehler R, 1897)
IE-2012-548	2	BIOPAPUA	CP3674	Echinodermata	Ophidiuridae	<i>Amphiophiura spatulifera</i> Koehler R, 1922
IE-2012-549	1	BIOPAPUA	CP3674	Echinodermata	Ophidiuridae	<i>Ophioplinthus inornata</i> (Lyman T, 1878)
IE-2012-550	1	BIOPAPUA	CP3674	Echinodermata	Ophidiuridae	<i>Ophiomusium scalare</i> Lyman T, 1878
IE-2012-551	2	BIOPAPUA	CP3689	Echinodermata	Ophidiuridae	<i>Ophiozonella longispina</i> Clark H L, 1908
IE-2012-552	1	BIOPAPUA	CP3671	Echinodermata	Ophiacanthidae	<i>Ophiotreta matura</i> (Koehler R, 1904)
IE-2012-553	2	BIOPAPUA	CP3671	Echinodermata	Ophiacanthidae	<i>Ophiacantha pentagona</i> Koehler R, 1897
IE-2012-554	2	BIOPAPUA	CP3671	Echinodermata	Ophidiuridae	<i>Amphiophiura cf. libera</i>
IE-2012-555	1	BIOPAPUA	CP3730	Echinodermata	Ophidiuridae	<i>Ophira jejuna</i> (Lyman T, 1878)
IE-2012-556	9	BIOPAPUA	CP3671	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-557	1	BIOPAPUA	CP3671	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-558	1	BIOPAPUA	CP3695	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-559	3	BIOPAPUA	CP3708	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-560	1	BIOPAPUA	CP3708	Echinodermata	Ophiocitonidae	<i>Ophiociton fastigatus</i> Lyman T, 1878
IE-2012-561	1	BIOPAPUA	CP3665	Echinodermata	Ophiacanthidae	<i>Ophiocamax vitrea</i> Lyman T, 1878
IE-2012-562	1	BIOPAPUA	CP3695	Echinodermata	Ophiotrichidae	<i>Ophiogymna pelicula</i> (Duncan P M, 1887)
IE-2012-563	10	BIOPAPUA	CP3659	Echinodermata	Ophidiuridae	<i>Stegophiura lapidaria</i> (Lyman T, 1878)
IE-2012-564	1	BIOPAPUA	CP3703	Echinodermata	Amphiuridae	<i>Amphioplus</i> sp.
IE-2012-565	10	BIOPAPUA	CP3703	Echinodermata	Amphiuridae	<i>Amphiura</i> sp.
IE-2012-566	1	BIOPAPUA	CP3703	Echinodermata	Amphiuridae	<i>Amphioplus</i> sp.
IE-2012-567	1	BIOPAPUA	CP3679	Echinodermata	Ophiodermatidae	<i>Bathypectinura heros</i> (Lyman T, 1879)
IE-2012-568	1	BIOPAPUA	CP3672	Echinodermata	Ophiodermatidae	<i>Bathypectinura heros</i> (Lyman T, 1879)
IE-2012-569	1	BIOPAPUA	CP3676	Echinodermata	Ophiodermatidae	<i>Bathypectinura heros</i> (Lyman T, 1879)
IE-2012-570	1	BIOPAPUA	CP3676	Echinodermata	Ophidiuridae	<i>Ophiomusium relictum</i> Koehler R, 1904
IE-2012-571	1	BIOPAPUA	CP3676	Echinodermata	Ophidiuridae	<i>Ophiopshalma elegans</i> (Koehler R, 1897)
IE-2012-572	1	BIOPAPUA	CP3667	Echinodermata	Ophiodermatidae	<i>Bathypectinura heros</i> (Lyman T, 1879)
IE-2012-573	2	BIOPAPUA	CP3667	Echinodermata	Ophidiuridae	<i>Ophira flagellata</i> (Lyman T, 1878)
IE-2012-574	6	BIOPAPUA	CP3667	Echinodermata	Ophioleucidae	<i>Ophiermus adspersus</i> Lyman T, 1883
IE-2012-575	2	BIOPAPUA	CP3667	Echinodermata	Ophidiuridae	<i>Ophiopshalma properum</i> (Koehler R, 1904)
IE-2012-576	1	BIOPAPUA	CP3671	Echinodermata	Asterschematidae	<i>Ophiocreas</i> sp.
IE-2012-577	5	BIOPAPUA	CP3674	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-578	1	BIOPAPUA	CP3674	Echinodermata	Ophidiuridae	<i>Ophiomusium relictum</i> Koehler R, 1904
IE-2012-579	1	BIOPAPUA	CP3674	Echinodermata	Ophiacanthidae	<i>Ophioplinthaca rufis</i> (Koehler R, 1897)
IE-2012-580	1	BIOPAPUA	CP3743	Echinodermata	Ophidiuridae	<i>Ophiopshalma longispina</i> Clark H L, 1908
IE-2012-581	1	BIOPAPUA	DW3687	Echinodermata	Ophioleucidae	<i>Ophiermus adspersus</i> Lyman T, 1883
IE-2012-582	1	BIOPAPUA	CP3689	Echinodermata	Ophiodermatidae	<i>Bathypectinura heros</i> (Lyman T, 1879)
IE-2012-583	5	BIOPAPUA	CP3689	Echinodermata	Ophidiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-584	9	BIOPAPUA	CP3689	Echinodermata	Ophidiuridae	<i>Ophiopshalma elegans</i> (Koehler R, 1897)
IE-2012-585	8	BIOPAPUA	CP3689	Echinodermata	Ophidiuridae	<i>Ophiopshalma properum</i> (Koehler R, 1904)
IE-2012-586	1	BIOPAPUA	CP3689	Echinodermata	Ophiodermatidae	<i>Bathypectinura heros</i> (Lyman T, 1879)
IE-2012-587	1	BIOPAPUA	CP3674	Echinodermata	Ophiacanthidae	<i>Ophiotoma assimilis</i> Koehler R, 1904
IE-2012-588	8	BIOPAPUA	CP3666	Echinodermata	Ophiacanthidae	<i>Ophiotreta matura</i> (Koehler R, 1904)
IE-2012-589	17	BIOPAPUA	CP3667	Echinodermata	Ophiacanthidae	<i>Ophiotreta matura</i> (Koehler R, 1904)
IE-2012-590	1	BIOPAPUA	CP3667	Echinodermata	Ophiacanthidae	<i>Ophioplthalmus relictus</i> (Koehler R, 1904)
IE-2012-591	2	BIOPAPUA	CP3667	Echinodermata	Ophiacanthidae	<i>Ophioplinthaca rufis</i> (Koehler R, 1897)
IE-2012-592	10	BIOPAPUA	CP3666	Echinodermata	Ophiacanthidae	<i>Ophiotoma assimilis</i> Koehler R, 1904
IE-2012-593	2	BIOPAPUA	DW3696	Echinodermata	Ophidiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-594	1	BIOPAPUA	DW3696	Echinodermata	Ophiolepididae	<i>Ophiomusium mirandum</i> Koehler R, 1930
IE-2012-595	1	BIOPAPUA	CP3730	Echinodermata	Ophiacanthidae	<i>Ophiotreta matura</i> (Koehler R, 1904)
IE-2012-596	1	BIOPAPUA	CP3707	Echinodermata	Ophiocitonidae	<i>Ophiociton fastigatus</i> Lyman T, 1878
IE-2012-597	2	BIOPAPUA	CP3707	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-598	1	BIOPAPUA	CP3707	Echinodermata	Ophidiuridae	<i>Ophira micracantha</i> Clark H L, 1911
IE-2012-599	1	BIOPAPUA	CP3646	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-600	1	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Amphiophiura</i> sp.
IE-2012-601	1	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-602	2	BIOPAPUA	CP3631	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-603	6	BIOPAPUA	CP3669	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-604	2	BIOPAPUA	CP3707	Echinodermata	Ophiacanthidae	<i>Ophiotreta stimulea</i> (Lyman T, 1878)
IE-2012-605	23	BIOPAPUA	CP3674	Echinodermata	Ophiacanthidae	<i>Ophioplinthaca rufis</i> (Koehler R, 1897)
IE-2012-606	2	BIOPAPUA	CP3674	Echinodermata	Ophiacanthidae	<i>Ophiotreta matura</i> (Koehler R, 1904)
IE-2012-607	6	BIOPAPUA	CP3674	Echinodermata	Ophiacanthidae	<i>Ophiotoma assimilis</i> Koehler R, 1904
IE-2012-608	1	BIOPAPUA	CP3674	Echinodermata	Ophiacanthidae	<i>Ophiolina antarctica</i> (Lyman T, 1879)
IE-2012-609	1	BIOPAPUA	CP3674	Echinodermata	Ophioleucidae	<i>Ophiermus adspersus</i> Lyman T, 1883
IE-2012-610	1	BIOPAPUA	CP3669	Echinodermata	Ophiacanthidae	<i>Ophiomyces delata</i> Koehler R, 1904
IE-2012-611	7	BIOPAPUA	CP3739	Echinodermata	Ophidiuridae	<i>Ophira micracantha</i> Clark H L, 1911

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IE-2012-612	1	BIOPAPUA	CP3739	Echinodermata	Ophiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-613	1	BIOPAPUA	CP3739	Echinodermata	Ophiuridae	<i>Ophiomusium lunare</i> Lyman T, 1878
IE-2012-614	1	BIOPAPUA	CP3739	Echinodermata	Ophiacanthidae	<i>Ophioamoeris tenera</i> (Koehler R, 1897)
IE-2012-615	1	BIOPAPUA	DW3696	Echinodermata	Ophiacanthidae	<i>Ophiomyces delata</i> Koehler R, 1904
IE-2012-616	5	BIOPAPUA	CP3670	Echinodermata	Ophiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1897)
IE-2012-617	7	BIOPAPUA	CP3707	Echinodermata	Ophiuridae	<i>Ophiozonella subtilis</i> Koehler R, 1922
IE-2012-618	1	BIOPAPUA	CP3676	Echinodermata	Ophiacanthidae	<i>Ophiopthalmus relictus</i> (Koehler R, 1904)
IE-2012-619	6	BIOPAPUA	CP3669	Echinodermata	Ophiuridae	<i>Ophiomusium luetkeni</i> Lyman T, 1878
IE-2012-620	1	BIOPAPUA	CP3669	Echinodermata	Ophiacanthidae	<i>Ophiopthalmus relictus</i> (Koehler R, 1904)
IE-2012-621	2	BIOPAPUA	DW3675	Echinodermata	Ophiacanthidae	<i>Ophiotrema matura</i> (Koehler R, 1904)
IE-2012-622	21	BIOPAPUA	CP3710	Echinodermata	Ophiuridae	<i>Ophiura micracantha</i> Clark H L, 1911
IE-2012-623	1	BIOPAPUA	CP3653	Echinodermata	Ophiacanthidae	<i>Ophiotrema matura</i> (Koehler R, 1904)
IE-2012-624	1	BIOPAPUA	CP3681	Echinodermata	Ophiochitonidae	<i>Ophiodoris errans</i> Koehler R, 1904
IE-2012-625	2	BIOPAPUA	CP3681	Echinodermata	Ophiacanthidae	<i>Ophiotrema matura</i> (Koehler R, 1904)
IE-2012-626	1	BIOPAPUA	CP3681	Echinodermata	Ophiacanthidae	<i>Ophiotrema stimulea</i> (Lyman T, 1878)
IE-2012-629	1	BIOPAPUA	CP3710	Echinodermata	Ophiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-630	1	BIOPAPUA	CP3676	Echinodermata	Amphiuridae	<i>Amphiophiura</i> sp.
IE-2012-631	4	BIOPAPUA	CP3681	Echinodermata	Ophiacanthidae	<i>Ophiopristis vestita</i> (Koehler R, 1897)
IE-2012-632	1	BIOPAPUA	CP3681	Echinodermata	Ophiacanthidae	<i>Ophiacantha pentagona</i> Koehler R, 1897
IE-2012-633	8	BIOPAPUA	CP3669	Echinodermata	Ophioleucidae	<i>Ophioleuce seminudum</i> Koehler R, 1904
IE-2012-634	1	BIOPAPUA	CP3669	Echinodermata	Ophioleucidae	<i>Ophiopallas paradoxa</i> Koehler R, 1904
IE-2012-635	1	BIOPAPUA	CP3653	Echinodermata	Ophiuridae	<i>Amphiophiura</i> cf. <i>pertusa</i>
IE-2012-636	2	BIOPAPUA	CP3653	Echinodermata	Ophiuridae	<i>Amphiophiura liberata</i> (Koehler R, 1904)
IE-2012-637	3	BIOPAPUA	CP3676	Echinodermata	Ophiacanthidae	<i>Ophioplinthaca rufis</i> (Koehler R, 1897)
IE-2012-638	3	BIOPAPUA	CP3693	Echinodermata	Ophioleucidae	<i>Ophiopallas paradoxa</i> Koehler R, 1904
IE-2012-639	2	BIOPAPUA	CP3693	Echinodermata	Ophiotrichidae	<i>Ophiothrix</i> sp.
IE-2012-640	1	BIOPAPUA	CP3693	Echinodermata	Ophiacanthidae	<i>Ophiotrema stimulea</i> (Lyman T, 1878)
IE-2012-641	2	BIOPAPUA	CP3670	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-642	2	BIOPAPUA	CP3670	Echinodermata	Ophiacanthidae	<i>Ophiotrema stimulea</i> (Lyman T, 1878)
IE-2012-643	1	BIOPAPUA	CP3708	Echinodermata	Ophiuridae	<i>Ophiomusium facundum</i> Koehler R, 1922
IE-2012-644	2	BIOPAPUA	CP3709	Echinodermata	Ophiuridae	<i>Amphiophiura</i> cf. <i>liberata</i>
IE-2012-645	1	BIOPAPUA	CP3708	Echinodermata	Ophiuridae	<i>Ophiozonella subtilis</i> Koehler R, 1922
IE-2012-646	1	BIOPAPUA	CP3709	Echinodermata	Ophiuridae	<i>Ophiozonella longispina</i> Clark H L, 1908
IE-2012-647	1	BIOPAPUA	CP3672	Echinodermata	Ophiacanthidae	<i>Ophialcaea tuberculosa</i> (Lyman T, 1878)
IE-2012-648	9	BIOPAPUA	CP3703	Echinodermata	Amphiuridae	<i>Amphioplus andreae</i> (Lütken C F, 1872)
IE-2012-649	3	BIOPAPUA	CP3703	Echinodermata	Amphiuridae	<i>Amphiophiura</i> sp.
IE-2012-650	6	BIOPAPUA	CP3693	Echinodermata	Ophiuridae	<i>Ophiomusium lunare</i> Lyman T, 1878
IE-2012-651	1	BIOPAPUA	CP3693	Echinodermata	Ophiuridae	<i>Ophiolipus granulatus</i> Koehler R, 1897
IE-2012-652	1	BIOPAPUA	CP3671	Echinodermata	Ophiuridae	<i>Ophiolipus granulatus</i> Koehler R, 1897
IE-2012-653	2	BIOPAPUA	CP3671	Echinodermata	Ophiuridae	<i>Ophiozonella molesta</i> (Koehler R, 1904)
IE-2012-654	1	BIOPAPUA	CP3671	Echinodermata	Ophiuridae	<i>Ophiozonella longispina</i> Clark H L, 1908
IE-2012-655	1	BIOPAPUA	CP3671	Echinodermata	Ophiuridae	<i>Ophiopshalma elegans</i> (Koehler R, 1897)
IE-2012-656	10	BIOPAPUA	CP3667	Echinodermata	Ophiacanthidae	<i>Ophiotoma assimilis</i> Koehler R, 1904
IE-2012-657	3	BIOPAPUA	CP3633	Echinodermata	Ophiacanthidae	<i>Ophiotrema stimulea</i> (Lyman T, 1878)
IE-2012-658	1	BIOPAPUA	CP3709	Echinodermata	Ophiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1897)
IE-2012-659	4	BIOPAPUA	CP3714	Echinodermata	Ophiuridae	<i>Ophiozonella longispina</i> Clark H L, 1908
IE-2012-660	1	BIOPAPUA	CP3714	Echinodermata	Ophiuridae	<i>Ophiura</i> sp.
IE-2012-661	1	BIOPAPUA	CP3658	Echinodermata	Hemieuryalidae	<i>Ophiomoeris obstricta</i> (Lyman T, 1878)
IE-2012-662	2	BIOPAPUA	CP3676	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-663	2	BIOPAPUA	CP3703	Echinodermata	Amphiuridae	<i>Amphioplus andreae</i> (Lütken C F, 1872)
IE-2012-664	1	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	<i>Ophiolipus granulatus</i> Koehler R, 1897
IE-2012-665	1	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	<i>Ophiopshalma elegans</i> (Koehler R, 1897)
IE-2012-666	1	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	<i>Ophiomusium lunare</i> Lyman T, 1878
IE-2012-667	1	BIOPAPUA	DW3732	Echinodermata	Ophiuridae	<i>Ophiomusium scalare</i> Lyman T, 1878
IE-2012-668	1	BIOPAPUA	CP3695	Echinodermata	Ophiacanthidae	<i>Amphilimna transacta</i> (Koehler R, 1930)
IE-2012-669	5	BIOPAPUA	CP3695	Echinodermata	Ophiacanthidae	<i>Ophiolimna antarctica</i> (Lyman T, 1879)
IE-2012-670	1	BIOPAPUA	CP3695	Echinodermata	Ophiacanthidae	<i>Ophiopristis procura</i> (Koehler R, 1904)
IE-2012-671	1	BIOPAPUA	CP3695	Echinodermata	Ophiuridae	<i>Amphiophiura confecta</i> (Koehler R, 1930)
IE-2012-672	7	BIOPAPUA	CP3695	Echinodermata	Ophioleucidae	<i>Ophioleuce seminudum</i> Koehler R, 1904
IE-2012-673	2	BIOPAPUA	CP3695	Echinodermata	Ophioleucidae	<i>Ophiostriatus bispinosus</i> (Koehler R, 1897)
IE-2012-674	1	BIOPAPUA	CP3695	Echinodermata	Ophiuridae	<i>Aspidophiura forbesi</i> (Duncan P M, 1878)
IE-2012-675	1	BIOPAPUA	CP3695	Echinodermata	Ophiuridae	<i>Ophiura pteracantha</i> Liao Y, 1983
IE-2012-676	1	BIOPAPUA	CP3695	Echinodermata	Ophiuridae	<i>Ophiomastus</i> sp.
IE-2012-677	2	BIOPAPUA	DW3732	Echinodermata	Ophiomyxidae	<i>Ophiomyxa neglecta</i> (Koehler R, 1904)
IE-2012-678	1	BIOPAPUA	CP3710	Echinodermata	Ophioleucidae	<i>Ophiuernus adspersus</i> Lyman T, 1883
IE-2012-679	9	BIOPAPUA	CP3689	Echinodermata	Ophiacanthidae	<i>Ophiacantha pentagona</i> Koehler R, 1897
IE-2012-680	1	BIOPAPUA	CP3689	Echinodermata	Ophiacanthidae	<i>Ophiopthalmus relictus</i> (Koehler R, 1904)
IE-2012-681	1	BIOPAPUA	CP3689	Echinodermata	Ophiacanthidae	<i>Ophiocarpa spatula</i> Lyman T, 1883
IE-2012-682	1	BIOPAPUA	CP3689	Echinodermata	Ophiuridae	<i>Ophiozonella longispina</i> Clark H L, 1908
IE-2012-683	7	BIOPAPUA	CP3689	Echinodermata	Ophiactidae	<i>Ophiactis definita</i> Koehler R, 1922
IE-2012-684	2	BIOPAPUA	DW3748	Echinodermata	Ophiuridae	<i>Ophiomusium scalare</i> Lyman T, 1878
IE-2012-685	1	BIOPAPUA	CP3692	Echinodermata	Hemieuryalidae	<i>Ophiomoeris obstricta</i> (Lyman T, 1878)
IE-2012-686	1	BIOPAPUA	CP3692	Echinodermata	Amphiuridae	<i>Amphipholis linopneusti</i> Stöhr S, 2001
IE-2012-687	7	BIOPAPUA	DW3748	Echinodermata	Ophioleucidae	<i>Ophiopallas paradoxa</i> Koehler R, 1904
IE-2012-688	2	BIOPAPUA	DW3748	Echinodermata	Ophiacanthidae	<i>Ophiomyces delata</i> Koehler R, 1904
IE-2012-689	1	BIOPAPUA	CP3742	Echinodermata	Ophiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1897)
IE-2012-690	1	BIOPAPUA	CP3671	Echinodermata	Ophiacanthidae	<i>Ophiotrema matura</i> (Koehler R, 1904)
IE-2012-691	2	BIOPAPUA	DW3696	Echinodermata	Ophioleucidae	<i>Ophiopallas paradoxa</i> Koehler R, 1904
IE-2012-692	1	BIOPAPUA	DW3696	Echinodermata	Ophiuridae	<i>Amphiophiura</i> sp.
IE-2012-693	7	BIOPAPUA	CP3674	Echinodermata	Ophiuridae	<i>Ophioplinthus inornata</i> (Lyman T, 1878)
IE-2012-694	1	BIOPAPUA	DW3763	Echinodermata	Ophiocomidae	<i>Ophiopsila</i> sp. Forbes E, 1843
IE-2012-695	6	BIOPAPUA	CP3657	Echinodermata	Ophiacanthidae	<i>Ophiotrema valenciennesi</i> (Lyman T, 1879)
IE-2012-696	1	BIOPAPUA	CP3657	Echinodermata	Ophiocitonidae	<i>Ophioplax lamellosa</i> Matsumoto H, 1915
IE-2012-697	1	BIOPAPUA	CP3657	Echinodermata	Amphiuridae	<i>Amphiophiura</i> sp.
IE-2012-698	4	BIOPAPUA	CP3639	Echinodermata	Asteronychidae	<i>Asteronyx loveni</i> Müller J & Troschell F H, 1842
IE-2012-699	1	BIOPAPUA	CP3657	Echinodermata	Ophiuridae	<i>Ophioplocus declinans</i> (Koehler R, 1904)
IE-2012-700	1	BIOPAPUA	CP3636	Echinodermata	Ophiacanthidae	<i>Ophiotrema stimulea</i> (Lyman T, 1878)
IE-2012-701	1	BIOPAPUA	CP3636	Echinodermata	Ophiotrichidae	<i>Ophiothrix</i> sp.
IE-2012-702	1	BIOPAPUA	CP3743	Echinodermata	Ophiacanthidae	<i>Ophiotrema matura</i> (Koehler R, 1904)
IE-2012-703	12	BIOPAPUA	CP3631	Echinodermata	Ophiuridae	<i>Ophioplinthus fastigatus</i> Lyman T, 1878
IE-2012-704	73	BIOPAPUA	CP3631	Echinodermata	Ophiuridae	<i>Ophiozonella molesta</i> (Koehler R, 1904)
IE-2012-705	1	BIOPAPUA	CP3681	Echinodermata	Ophiuridae	<i>Amphiophiura</i> cf. <i>liberata</i>
IE-2012-706	1	BIOPAPUA	CP3686	Echinodermata	Ophiacanthidae	<i>Ophiopthalmus relictus</i> (Koehler R, 1904)
IE-2012-707	1	BIOPAPUA	CP3686	Echinodermata	Amphiuridae	<i>Amphiophiura</i> sp.
IE-2012-708	1	BIOPAPUA	CP3686	Echinodermata	Ophiochitonidae	<i>Ophiociton fastigatus</i> Lyman T, 1878
IE-2012-709	1	BIOPAPUA	CP3686	Echinodermata	Ophiacanthidae	<i>Opholebus</i> sp.
IE-2012-710	42	BIOPAPUA	CP3702	Echinodermata	Amphiuridae	<i>Amphioplus andreae</i> (Lütken C F, 1872)
IE-2012-711	2	BIOPAPUA	CP3706	Echinodermata	Gorgonocephalidae	<i>Gorgonocephalus pustulatum</i> (Clark H L, 1916)
IE-2012-712	4	BIOPAPUA	CP3709	Echinodermata	Asteroschematidae	<i>Asteroschema tumidum</i> Lyman T, 1879
IE-2012-713	1	BIOPAPUA	CP3651	Echinodermata	Ophiacanthidae	<i>Ophiopthalmus relictus</i> (Koehler R, 1904)
IE-2012-714	2	BIOPAPUA	CP3750	Echinodermata	Ophioleucidae	<i>Ophiopallas brevispinis</i> (Lyman T, 1878)
IE-2012-715	1	BIOPAPUA	CP3651	Echinodermata	Ophiuridae	<i>Amphiophiura sordida</i> (Koehler R, 1897)
IE-2012-716	6	BIOPAPUA	CP3635	Echinodermata	Ophiuridae	<i>Ophiura micracantha</i> Clark H L, 1911
IE-2012-717	1	BIOPAPUA	CP3635	Echinodermata	Ophiuridae	<i>Ophioplinthus subtilis</i> Koehler R, 1922
IE-2012-718	2	BIOPAPUA	CP3686	Echinodermata	Ophiuridae	<i>Ophiopshalma elegans</i> (Koehler R, 1897)
IE-2012-719	1	BIOPAPUA	CP3686	Echinodermata	Ophiuridae	<i>Ophiura aequalis</i> (Lyman T, 1878)

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IE-2012-720	1	BIOPAPUA	CP3670	Echinodermata	Ophiacanthidae	Ophiotreta stimulea (Lyman T, 1878)
IE-2012-721	1	BIOPAPUA	CP3629	Echinodermata	Ophidiuridae	Ophiuira micracantha Clark H L, 1911
IE-2012-722	1	BIOPAPUA	CP3672	Echinodermata	Ophidiuridae	Ophiozonella longispina Clark H L, 1908
IE-2012-723	1	BIOPAPUA	CP3672	Echinodermata	Ophioleucidae	Ophiotriatus bispinosus (Koehler R, 1897)
IE-2012-724	3	BIOPAPUA	CP3672	Echinodermata	Ophidiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-725	2	BIOPAPUA	CP3672	Echinodermata	Ophidiuridae	Ophiospalma elegans (Koehler R, 1897)
IE-2012-726	6	BIOPAPUA	CP3672	Echinodermata	Ophidiuridae	Ophioplithus inornata (Lyman T, 1878)
IE-2012-727	100	BIOPAPUA	CP3653	Echinodermata	Ophidiuridae	Amphiophiura sordida (Koehler R, 1897)
IE-2012-728	1	BIOPAPUA	CP3653	Echinodermata	Ophidiuridae	Ophiomusium facundum Koehler R, 1922
IE-2012-729	1	BIOPAPUA	CP3722	Echinodermata	Asteroschematidae	Asteroschema tumidum Lyman T, 1879
IE-2012-730	1	BIOPAPUA	CP3638	Echinodermata	Ophidiuridae	Ophiura jejuna (Lyman T, 1878)
IE-2012-731	1	BIOPAPUA	CP3638	Echinodermata	Ophidiuridae	Ophiuira irrorata Lyman T, 1878
IE-2012-732	1	BIOPAPUA	CP3638	Echinodermata	Ophidiuridae	Ophiospalma elegans (Koehler R, 1897)
IE-2012-733	1	BIOPAPUA	CP3654	Echinodermata	Ophidiuridae	Ophioprygus trispinosus Koehler R, 1904
IE-2012-734	2	BIOPAPUA	CP3650	Echinodermata	Ophidiuridae	Ophiuira flagellata (Lyman T, 1878)
IE-2012-735	1	BIOPAPUA	CP3650	Echinodermata	Ophiacanthidae	Ophiotreta matura (Koehler R, 1904)
IE-2012-736	2	BIOPAPUA	CP3638	Echinodermata	Ophidiomatidae	Bathypectinura heros (Lyman T, 1879)
IE-2012-737	2	BIOPAPUA	CP3638	Echinodermata	Ophidiuridae	Ophiospalma properum (Koehler R, 1904)
IE-2012-738	1	BIOPAPUA	CP3638	Echinodermata	Ophioleucidae	Ophiuroids adspersus Lyman T, 1883
IE-2012-739	2	BIOPAPUA	CP3639	Echinodermata	Ophidiomatidae	Bathypectinura heros (Lyman T, 1879)
IE-2012-740	1	BIOPAPUA	CP3639	Echinodermata	Ophidiuridae	Ophiospalma properum (Koehler R, 1904)
IE-2012-741	9	BIOPAPUA	CP3722	Echinodermata	Ophiactidae	Ophiactis definita Koehler R, 1922
IE-2012-742	1	BIOPAPUA	CP3722	Echinodermata	Ophiacanthidae	Ophiacantha pentagona Koehler R, 1897
IE-2012-743	1	BIOPAPUA	DW3720	Echinodermata	Ophidiuridae	Ophiomusium lunare Lyman T, 1878
IE-2012-744	1	BIOPAPUA	CP3653	Echinodermata	Ophiacanthidae	Ophicopha spatula Lyman T, 1883
IE-2012-745	1	BIOPAPUA	CP3653	Echinodermata	Ophiacanthidae	Ophiomyces delata Koehler R, 1904
IE-2012-746	1	BIOPAPUA	CP3653	Echinodermata	Ophiacanthidae	Ophialcea tuberculosa (Lyman T, 1878)
IE-2012-747	1	BIOPAPUA	CP3653	Echinodermata	Ophiacanthidae	Ophiopristis procera (Koehler R, 1904)
IE-2012-748	1	BIOPAPUA	CP3653	Echinodermata	Amphiuridae	Amphioplus sp.
IE-2012-749	3	BIOPAPUA	CP3653	Echinodermata	Ophiacanthidae	Ophiolimna antarctica (Lyman T, 1879)
IE-2012-750	1	BIOPAPUA	CP3639	Echinodermata	Ophioleucidae	Ophiuroids adspersus Lyman T, 1883
IE-2012-751	23	BIOPAPUA	DW3732	Echinodermata	Ophidiuridae	Ophioplocus declinans (Koehler R, 1904)
IE-2012-752	30	BIOPAPUA	CP3739	Echinodermata	Ophiacanthidae	Ophiotreta stimulea (Lyman T, 1878)
IE-2012-753	1	BIOPAPUA	CP3739	Echinodermata	Ophiacanthidae	Ophiacantha pentagona Koehler R, 1897
IE-2012-754	2	BIOPAPUA	CP3739	Echinodermata	Ophiacanthidae	Ophiomyces delata Koehler R, 1904
IE-2007-2813	2	BIOPAPUA	CP3651	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2932	2	BIOPAPUA	CP3722	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2924	1	BIOPAPUA	CP3653	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2833	1	BIOPAPUA	CP3633	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2815	1	BIOPAPUA	DW3719	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2808	3	BIOPAPUA	CP3664	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2935	3	BIOPAPUA	CP3634	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2922	2	BIOPAPUA	CP3670	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2914	28	BIOPAPUA	CP3742	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2803	5	BIOPAPUA	CP3686	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2937	4	BIOPAPUA	CP3665	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2800	8	BIOPAPUA	CP3730	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2936	1	BIOPAPUA	CP3737	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2802	6	BIOPAPUA	CP3686	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2919	8	BIOPAPUA	CP3639	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2801	9	BIOPAPUA	CP3653	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2810	10	BIOPAPUA	CP3722	Echinodermata	Ophidiuridae	Gorgonocephalidae sp.
IE-2007-2848	3	BIOPAPUA	CP3693	Echinodermata	Ophidiuridae	Gorgonocephalidae sp.
IE-2007-2827	2	BIOPAPUA	CP3638	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2846	1	BIOPAPUA	CP3728	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2878	1	BIOPAPUA	CP3722	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2816	3	BIOPAPUA	CP3728	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2847	12	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2841	1	BIOPAPUA	CP3703	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2834	7	BIOPAPUA	CP3653	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2857	31	BIOPAPUA	DW3719	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2907	4	BIOPAPUA	CP3742	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2814	1	BIOPAPUA	CP3707	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2939	8	BIOPAPUA	DW3696	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2915	5	BIOPAPUA	CP3651	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2877	1	BIOPAPUA	CP3636	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2917	7	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2912	3	BIOPAPUA	CP3639	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2916	10	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2923	9	BIOPAPUA	CP3637	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2818	2	BIOPAPUA	CP3654	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2797	1	BIOPAPUA	CP3679	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2806	1	BIOPAPUA	CP3653	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2798	1	BIOPAPUA	CP3703	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2911	7	BIOPAPUA	CP3651	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2905	6	BIOPAPUA	CP3645	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2928	38	BIOPAPUA	DW3641	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2930	6	BIOPAPUA	CP3633	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2839	3	BIOPAPUA	CP3656	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2820	7	BIOPAPUA	CP3653	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2849	1	BIOPAPUA	DW3641	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2920	2	BIOPAPUA	CP3737	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2938	1	BIOPAPUA	CP3670	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2805	2	BIOPAPUA	CP3652	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2942	6	BIOPAPUA	CP3759	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2903	1	BIOPAPUA	CP3654	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2804	1	BIOPAPUA	CP3652	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2837	10	BIOPAPUA	CP3638	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2910	11	BIOPAPUA	CP3718	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2832	1	BIOPAPUA	CP3669	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2842	10	BIOPAPUA	DW3748	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2886	8	BIOPAPUA	CP3652	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2811	1	BIOPAPUA	DW3719	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2835	2	BIOPAPUA	CP3653	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2831	1	BIOPAPUA	CP3638	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2927	1	BIOPAPUA	CP3774	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2926	1	BIOPAPUA	CP3645	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2918	2	BIOPAPUA	CP3730	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2933	1	BIOPAPUA	CP3645	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2921	1	BIOPAPUA	CP3737	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2856	5	BIOPAPUA	DW3732	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2888	2	BIOPAPUA	CP3717	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2825	1	BIOPAPUA	DW3687	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2908	2	BIOPAPUA	CP3723	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2836	1	BIOPAPUA	CP3671	Echinodermata	Ophidiuridae	Ophiuroids sp.
IE-2007-2843	1	BIOPAPUA	DW3641	Echinodermata	Ophidiuridae	Ophiuroids sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IE-2007-2838	3	BIOPAPUA	CP3653	Echinodermata		Ophiuroidea sp.
IE-2007-2845	3	BIOPAPUA	CP3652	Echinodermata		Ophiuroidea sp.
IE-2007-2817	7	BIOPAPUA	CP3686	Echinodermata		Ophiuroidea sp.
IE-2007-2874	2	BIOPAPUA	CP3656	Echinodermata		Ophiuroidea sp.
IE-2007-2934	3	BIOPAPUA	DW3732	Echinodermata		Ophiuroidea sp.
IE-2007-2941	2	BIOPAPUA	CP3635	Echinodermata		Ophiuroidea sp.
IE-2007-2807	2	BIOPAPUA	CP3693	Echinodermata		Ophiuroidea sp.
IE-2007-2861	1	BIOPAPUA	CP3653	Echinodermata		Ophiuroidea sp.
IE-2007-2824	8	BIOPAPUA	CP3669	Echinodermata		Ophiuroidea sp.
IE-2007-2828	3	BIOPAPUA	CP3666	Echinodermata		Ophiuroidea sp.
IE-2007-2840	2	BIOPAPUA	CP3656	Echinodermata		Ophiuroidea sp.
IE-2007-2822	2	BIOPAPUA	CP3656	Echinodermata		Ophiuroidea sp.
IE-2007-2819	6	BIOPAPUA	CP3653	Echinodermata		Ophiuroidea sp.
IE-2007-2852	8	BIOPAPUA	DW3732	Echinodermata		Ophiuroidea sp.
IE-2007-2866	31	BIOPAPUA	CP3633	Echinodermata		Ophiuroidea sp.
IE-2007-2913	3	BIOPAPUA	CP3730	Echinodermata		Ophiuroidea sp.
IE-2007-2881	1	BIOPAPUA	CP3633	Echinodermata		Ophiuroidea sp.
IE-2007-2868	2	BIOPAPUA	CP3739	Echinodermata		Ophiuroidea sp.
IE-2007-2909	3	BIOPAPUA	CP3651	Echinodermata		Ophiuroidea sp.
IE-2007-2891	16	BIOPAPUA	CP3651	Echinodermata		Ophiuroidea sp.
IE-2007-2884	1	BIOPAPUA	CP3633	Echinodermata		Ophiuroidea sp.
IE-2007-2858	1	BIOPAPUA	DW3748	Echinodermata		Ophiuroidea sp.
IE-2007-2925	1	BIOPAPUA	CP3723	Echinodermata		Ophiuroidea sp.
IE-2007-2879	1	BIOPAPUA	CP3722	Echinodermata		Ophiuroidea sp.
IE-2007-2875	1	BIOPAPUA	CP3724	Echinodermata		Ophiuroidea sp.
IE-2007-2873	1	BIOPAPUA	CP3672	Echinodermata		Ophiuroidea sp.
IE-2007-2880	7	BIOPAPUA	CP3739	Echinodermata		Ophiuroidea sp.
IE-2007-2871	2	BIOPAPUA	CP3702	Echinodermata		Ophiuroidea sp.
IE-2007-2883	1	BIOPAPUA	CP3653	Echinodermata		Ophiuroidea sp.
IE-2007-2931	1	BIOPAPUA	CP3654	Echinodermata		Ophiuroidea sp.
IE-2007-2809	1	BIOPAPUA	CP3634	Echinodermata		Ophiuroidea sp.
IE-2007-2799	9	BIOPAPUA	CP3666	Echinodermata		Ophiuroidea sp.
IE-2007-2885	10	BIOPAPUA	CP3653	Echinodermata		Ophiuroidea sp.
IE-2007-2830	1	BIOPAPUA	CP3679	Echinodermata		Ophiuroidea sp.
IE-2007-2829	1	BIOPAPUA	CP3669	Echinodermata		Ophiuroidea sp.
IE-2007-2859	7	BIOPAPUA	CP3666	Echinodermata		Ophiuroidea sp.
IE-2007-2869	7	BIOPAPUA	CP3653	Echinodermata		Ophiuroidea sp.
IE-2007-2889	3	BIOPAPUA	CP3681	Echinodermata		Ophiuroidea sp.
IE-2007-2904	6	BIOPAPUA	CP3679	Echinodermata		Ophiuroidea sp.
IE-2007-2862	7	BIOPAPUA	CP3651	Echinodermata		Ophiuroidea sp.
IE-2007-2940	2	BIOPAPUA	CP3645	Echinodermata		Ophiuroidea sp.
IE-2007-2854	2	BIOPAPUA	CP3639	Echinodermata		Ophiuroidea sp.
IE-2007-2863	23	BIOPAPUA	CP3722	Echinodermata		Ophiuroidea sp.
IE-2007-2855	1	BIOPAPUA	CP3724	Echinodermata		Ophiuroidea sp.
IE-2007-2864	5	BIOPAPUA	CP3722	Echinodermata		Ophiuroidea sp.
IE-2007-2870	2	BIOPAPUA	CP3778	Echinodermata		Ophiuroidea sp.
IE-2007-2865	3	BIOPAPUA	CP3638	Echinodermata		Ophiuroidea sp.
IE-2007-2823	1	BIOPAPUA	CP3655	Echinodermata		Ophiuroidea sp.
IE-2007-2821	1	BIOPAPUA	CP3714	Echinodermata		Ophiuroidea sp.
IE-2007-2844	1	BIOPAPUA	CP3676	Echinodermata		Ophiuroidea sp.
IE-2007-2826	21	BIOPAPUA	CP3695	Echinodermata		Ophiuroidea sp.
IE-2007-2812	5	BIOPAPUA	CP3710	Echinodermata		Ophiuroidea sp.
IE-2007-2902	3	BIOPAPUA	CP3672	Echinodermata		Ophiuroidea sp.
IE-2007-2901	1	BIOPAPUA	CP3742	Echinodermata		Ophiuroidea sp.
IE-2007-2900	1	BIOPAPUA	CP3689	Echinodermata		Ophiuroidea sp.
IE-2007-2899	15	BIOPAPUA	CP3635	Echinodermata		Ophiuroidea sp.
IE-2007-2895	1	BIOPAPUA	CP3722	Echinodermata		Ophiuroidea sp.
IE-2007-2896	5	BIOPAPUA	CP3667	Echinodermata		Ophiuroidea sp.
IE-2007-2929	1	BIOPAPUA	CP3654	Echinodermata		Ophiuroidea sp.
IE-2007-2898	4	BIOPAPUA	CP3638	Echinodermata		Ophiuroidea sp.
IE-2007-2897	1	BIOPAPUA	CP3656	Echinodermata		Ophiuroidea sp.
IE-2007-2894	2	BIOPAPUA	CP3656	Echinodermata		Ophiuroidea sp.
IE-2007-2893	1	BIOPAPUA	CP3750	Echinodermata		Ophiuroidea sp.
IE-2007-2892	1	BIOPAPUA	CP3633	Echinodermata		Ophiuroidea sp.
IE-2007-2890	1	BIOPAPUA	CP3750	Echinodermata		Ophiuroidea sp.
IE-2007-2887	1	BIOPAPUA	CP3651	Echinodermata		Ophiuroidea sp.
IE-2007-2943	15	BIOPAPUA	CP3656	Echinodermata		Ophiuroidea sp.
IE-2007-2876	1	BIOPAPUA	CP3635	Echinodermata		Ophiuroidea sp.
IE-2007-2906	2	BIOPAPUA	CP3739	Echinodermata		Ophiuroidea sp.
IE-2007-2851	1	BIOPAPUA	CP3714	Echinodermata		Ophiuroidea sp.
IE-2007-2872	3	BIOPAPUA	CP3728	Echinodermata		Ophiuroidea sp.
IE-2007-2860	1	BIOPAPUA	CP3737	Echinodermata		Ophiuroidea sp.
IE-2007-2853	1	BIOPAPUA	CP3646	Echinodermata		Ophiuroidea sp.
IE-2007-2882	1	BIOPAPUA	CP3717	Echinodermata		Ophiuroidea sp.
IE-2007-2867	1	BIOPAPUA	CP3722	Echinodermata		Ophiuroidea sp.
IE-2007-2850	2	BIOPAPUA	CP3672	Echinodermata		Ophiuroidea sp.
IE-2007-2548	1	BIOPAPUA	CP3629	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2547	8	BIOPAPUA	CP3660	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2559	1	BIOPAPUA	CP3666	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2513	3	BIOPAPUA	CP3702	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2541	1	BIOPAPUA	CP3711	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2540	1	BIOPAPUA	CP3717	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2551	1	BIOPAPUA	CP3631	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2526	1	BIOPAPUA	CP3707	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2539	1	BIOPAPUA	CP3669	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2554	1	BIOPAPUA	CP3681	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2534	1	BIOPAPUA	CP3665	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2543	3	BIOPAPUA	CP3629	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2524	2	BIOPAPUA	CP3718	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2510	2	BIOPAPUA	CP3666	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2557	1	BIOPAPUA	CP3712	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2544	1	BIOPAPUA	CP3671	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2536	1	BIOPAPUA	CP3695	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2525	1	BIOPAPUA	CP3674	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2527	1	BIOPAPUA	CP3691	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2550	1	BIOPAPUA	CP3729	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2569	2	BIOPAPUA	CP3651	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2567	1	BIOPAPUA	CP3730	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2530	1	BIOPAPUA	CP3737	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2555	1	BIOPAPUA	CP3705	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2520	1	BIOPAPUA	CP3728	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2566	1	BIOPAPUA	CP3760	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2545	1	BIOPAPUA	CP3660	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2546	1	BIOPAPUA	CP3672	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2560	1	BIOPAPUA	CP3728	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2553	1	BIOPAPUA	CP3689	Echinodermata		Holothuroidea Gen. sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IE-2007-2595	1	BIOPAPUA	CP3707	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2614	2	BIOPAPUA	DW3732	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2639	6	BIOPAPUA	DW3732	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2604	3	BIOPAPUA	CP3636	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2596	1	BIOPAPUA	CP3710	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2594	1	BIOPAPUA	CP3710	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2570	1	BIOPAPUA	CP3681	Echinodermata		Holothuroidea Gen. sp.
IE-2007-2684	93	BIOPAPUA	CP3760	Echinodermata		Ophiuroidea sp.
IE-2007-2755	1	BIOPAPUA	CP3760	Echinodermata		Ophiuroidea sp.
IE-2007-2729	80	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2692	29	BIOPAPUA	CP3774	Echinodermata		Ophiuroidea sp.
IE-2007-2694	36	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2766	1	BIOPAPUA	DW3745	Echinodermata		Ophiuroidea sp.
IE-2007-2741	1	BIOPAPUA	CP3762	Echinodermata		Ophiuroidea sp.
IE-2007-2690	30	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2735	1	BIOPAPUA	DW3758	Echinodermata		Ophiuroidea sp.
IE-2007-2693	31	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2659	3	BIOPAPUA	CP3759	Echinodermata		Ophiuroidea sp.
IE-2007-2699	32	BIOPAPUA	CP3774	Echinodermata		Ophiuroidea sp.
IE-2007-2742	35	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2731	30	BIOPAPUA	CP3760	Echinodermata		Ophiuroidea sp.
IE-2007-2736	4	BIOPAPUA	DW3734	Echinodermata		Ophiuroidea sp.
IE-2007-2671	3	BIOPAPUA	CP3670	Echinodermata		Ophiuroidea sp.
IE-2007-2696	22	BIOPAPUA	DW3734	Echinodermata		Ophiuroidea sp.
IE-2007-2714	1	BIOPAPUA	CP3759	Echinodermata		Ophiuroidea sp.
IE-2007-2730	9	BIOPAPUA	CP3760	Echinodermata		Ophiuroidea sp.
IE-2007-2715	1	BIOPAPUA	CP3762	Echinodermata		Ophiuroidea sp.
IE-2007-2758	2	BIOPAPUA	DW3734	Echinodermata		Ophiuroidea sp.
IE-2007-2738	3	BIOPAPUA	CP3755	Echinodermata		Ophiuroidea sp.
IE-2007-2770	3	BIOPAPUA	CP3739	Echinodermata		Ophiuroidea sp.
IE-2007-2669	26	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2676	6	BIOPAPUA	CP3632	Echinodermata		Ophiuroidea sp.
IE-2007-2700	21	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2711	1	BIOPAPUA	CP3673	Echinodermata		Gorgonocephalidae sp.
IE-2007-2683	1	BIOPAPUA	CP3672	Echinodermata		Ophiuroidea sp.
IE-2007-2655	2	BIOPAPUA	CP3632	Echinodermata		Ophiuroidea sp.
IE-2007-2709	5	BIOPAPUA	CP3762	Echinodermata		Ophiuroidea sp.
IE-2007-2660	10	BIOPAPUA	CP3632	Echinodermata		Ophiuroidea sp.
IE-2007-2708	5	BIOPAPUA	CP3755	Echinodermata		Ophiuroidea sp.
IE-2007-2661	107	BIOPAPUA	CP3731	Echinodermata		Ophiuroidea sp.
IE-2007-2677	1	BIOPAPUA	CP3670	Echinodermata		Ophiuroidea sp.
IE-2007-2726	9	BIOPAPUA	DW3745	Echinodermata		Ophiuroidea sp.
IE-2007-2751	8	BIOPAPUA	DW3745	Echinodermata		Ophiuroidea sp.
IE-2007-2673	2	BIOPAPUA	CP3632	Echinodermata		Ophiuroidea sp.
IE-2007-2750	1	BIOPAPUA	CP3774	Echinodermata		Ophiuroidea sp.
IE-2007-2710	2	BIOPAPUA	DW3749	Echinodermata		Ophiuroidea sp.
IE-2007-2680	1	BIOPAPUA	CP3739	Echinodermata		Ophiuroidea sp.
IE-2007-2702	1	BIOPAPUA	CP3759	Echinodermata		Ophiuroidea sp.
IE-2007-2761	1	BIOPAPUA	CP3755	Echinodermata		Ophiuroidea sp.
IE-2007-2697	18	BIOPAPUA	CP3731	Echinodermata		Ophiuroidea sp.
IE-2007-2717	7	BIOPAPUA	DW3758	Echinodermata		Ophiuroidea sp.
IE-2007-2688	5	BIOPAPUA	CP3760	Echinodermata		Ophiuroidea sp.
IE-2007-2681	4	BIOPAPUA	CP3755	Echinodermata		Ophiuroidea sp.
IE-2007-2674	3	BIOPAPUA	CP3724	Echinodermata		Ophiuroidea sp.
IE-2007-2689	28	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2724	1	BIOPAPUA	CP3670	Echinodermata		Ophiuroidea sp.
IE-2007-2682	14	BIOPAPUA	DW3745	Echinodermata		Ophiuroidea sp.
IE-2007-2705	1	BIOPAPUA	CP3724	Echinodermata		Ophiuroidea sp.
IE-2007-2772	1	BIOPAPUA	CP3711	Echinodermata		Ophiuroidea sp.
IE-2007-2727	3	BIOPAPUA	NO DATA	Echinodermata		Ophiuroidea sp.
IE-2007-2667	35	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2764	1	BIOPAPUA	CP3672	Echinodermata		Ophiuroidea sp.
IE-2007-2732	2	BIOPAPUA	DW3734	Echinodermata		Ophiuroidea sp.
IE-2007-2707	2	BIOPAPUA	CP3759	Echinodermata		Ophiuroidea sp.
IE-2007-2675	22	BIOPAPUA	CP3731	Echinodermata		Ophiuroidea sp.
IE-2007-2739	77	BIOPAPUA	CP3760	Echinodermata		Ophiuroidea sp.
IE-2007-2658	23	BIOPAPUA	CP3692	Echinodermata		Ophiuroidea sp.
IE-2007-2662	1	BIOPAPUA	DW3758	Echinodermata		Ophiuroidea sp.
IE-2007-2663	8	BIOPAPUA	DW3749	Echinodermata		Ophiuroidea sp.
IE-2007-2664	5	BIOPAPUA	CP3755	Echinodermata		Ophiuroidea sp.
IE-2007-2713	6	BIOPAPUA	CP3760	Echinodermata		Ophiuroidea sp.
IE-2007-2719	1	BIOPAPUA	CP3760	Echinodermata		Gorgonocephalidae sp.
IE-2007-2720	4	BIOPAPUA	CP3690	Echinodermata		Ophiuroidea sp.
IE-2007-2747	2	BIOPAPUA	CP3692	Echinodermata		Ophiuroidea sp.
IE-2007-2698	7	BIOPAPUA	CP3755	Echinodermata		Ophiuroidea sp.
IE-2007-2728	1	BIOPAPUA	DW3758	Echinodermata		Ophiuroidea sp.
IE-2007-2752	2	BIOPAPUA	CP3759	Echinodermata		Ophiuroidea sp.
IE-2007-2703	43	BIOPAPUA	DW3734	Echinodermata		Ophiuroidea sp.
IE-2007-2657	8	BIOPAPUA	DW3749	Echinodermata		Ophiuroidea sp.
IE-2007-2691	6	BIOPAPUA	CP3724	Echinodermata		Ophiuroidea sp.
IE-2007-2670	40	BIOPAPUA	CP3760	Echinodermata		Ophiuroidea sp.
IE-2007-2656	15	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2769	1	BIOPAPUA	CP3672	Echinodermata		Ophiuroidea sp.
IE-2007-2734	1	BIOPAPUA	CP3739	Echinodermata		Ophiuroidea sp.
IE-2007-2759	1	BIOPAPUA	CP3704	Echinodermata		Ophiuroidea sp.
IE-2007-2704	1	BIOPAPUA	CP3761	Echinodermata		Gorgonocephalidae sp.
IE-2007-2687	2	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2666	16	BIOPAPUA	CP3761	Echinodermata		Ophiuroidea sp.
IE-2007-2695	10	BIOPAPUA	CP3692	Echinodermata		Ophiuroidea sp.
IE-2007-2737	2	BIOPAPUA	CP3670	Echinodermata		Ophiuroidea sp.
IE-2007-2771	2	BIOPAPUA	DW3745	Echinodermata		Ophiuroidea sp.
IE-2007-2665	2	BIOPAPUA	CP3690	Echinodermata		Ophiuroidea sp.
IE-2007-2757	1	BIOPAPUA	CP3774	Echinodermata		Ophiuroidea sp.
IE-2007-2740	2	BIOPAPUA	CP3774	Echinodermata		Ophiuroidea sp.
IE-2007-2716	1	BIOPAPUA	CP3774	Echinodermata		Ophiuroidea sp.
IE-2007-2652	1	BIOPAPUA	DW3680	Echinodermata		Ophiuroidea sp.
IE-2007-2743	1	BIOPAPUA	CP3692	Echinodermata		Ophiuroidea sp.
IE-2007-2701	5	BIOPAPUA	CP3692	Echinodermata		Ophiuroidea sp.
IE-2007-2765	1	BIOPAPUA	CP3759	Echinodermata		Ophiuroidea sp.
IE-2007-2685	3	BIOPAPUA	CP3759	Echinodermata		Ophiuroidea sp.
IE-2007-2706	3	BIOPAPUA	CP3755	Echinodermata		Ophiuroidea sp.
IE-2007-2745	2	BIOPAPUA	CP3670	Echinodermata		Ophiuroidea sp.
IE-2007-2763	3	BIOPAPUA	CP3759	Echinodermata		Ophiuroidea sp.
IE-2007-2679	6	BIOPAPUA	CP3731	Echinodermata		Ophiuroidea sp.
IE-2007-2733	1	BIOPAPUA	CP3724	Echinodermata		Ophiuroidea sp.
IE-2007-2686	2	BIOPAPUA	DW3688	Echinodermata		Ophiuroidea sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IM-2009-13152	1	BIOPAPUA	DW3777	Mollusca	Nassariidae	<i>Nassarius babylonicus</i> (Watson, 1882)
IM-2009-13152	1	BIOPAPUA	DW3777	Mollusca	Nassariidae	<i>Nassarius herosae</i> Kool, 2005
IM-2009-13153	1	BIOPAPUA	CP3629	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13153	1	BIOPAPUA	CP3629	Mollusca	Nassariidae	<i>Nassarius</i> sp. 13
IM-2009-13154	1	BIOPAPUA	CP3706	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13154	1	BIOPAPUA	CP3706	Mollusca	Nassariidae	<i>Nassarius</i> sp. 64
IM-2009-13155	1	BIOPAPUA	DW3719	Mollusca	Buccinidae	<i>Nassaria</i> sp.
IM-2009-13157	1	BIOPAPUA	CP3664	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13157	1	BIOPAPUA	CP3664	Mollusca	Nassariidae	<i>Nassarius</i> sp. 13
IM-2009-13158	1	BIOPAPUA	CP3721	Mollusca	Nassariidae	<i>Nassarius babylonicus</i> (Watson, 1882)
IM-2009-13159	1	BIOPAPUA	CP3629	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13159	1	BIOPAPUA	CP3629	Mollusca	Nassariidae	<i>Nassarius</i> sp. 13
IM-2009-13160	1	BIOPAPUA	CP3705	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13160	1	BIOPAPUA	CP3705	Mollusca	Nassariidae	<i>Nassarius</i> sp. 64
IM-2009-13161	1	BIOPAPUA	CP3664	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13161	1	BIOPAPUA	CP3664	Mollusca	Nassariidae	<i>Nassarius</i> sp. 13
IM-2009-13163	1	BIOPAPUA	CP3705	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13163	1	BIOPAPUA	CP3705	Mollusca	Nassariidae	<i>Nassarius</i> sp. 64
IM-2009-13165	1	BIOPAPUA	CP3664	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13165	1	BIOPAPUA	CP3664	Mollusca	Nassariidae	<i>Nassarius</i> sp. 13
IM-2009-13166	1	BIOPAPUA	CP3629	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13167	1	BIOPAPUA	CP3630	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13168	1	BIOPAPUA	CP3630	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-22272	1	BIOPAPUA	CP3653	Mollusca	Limopsidae	<i>Limopsidae</i> sp.
IM-2009-13096	1	BIOPAPUA	CP3633	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13096	1	BIOPAPUA	CP3633	Mollusca	Nassariidae	<i>Nassarius cf. noguchii</i> (Habe, 1958)
IM-2009-13114	1	BIOPAPUA	CP3630	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13129	1	BIOPAPUA	CP3634	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13132	1	BIOPAPUA	CP3633	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13169	1	BIOPAPUA	CP3630	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13170	1	BIOPAPUA	CP3633	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13170	1	BIOPAPUA	CP3633	Mollusca	Nassariidae	<i>Nassarius cf. noguchii</i> (Habe, 1958)
IM-2009-13171	1	BIOPAPUA	CP3630	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13172	1	BIOPAPUA	CP3630	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13173	1	BIOPAPUA	CP3700	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13173	1	BIOPAPUA	CP3700	Mollusca	Nassariidae	<i>Nassarius</i> sp. 64
IM-2009-13174	1	BIOPAPUA	CP3700	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13175	1	BIOPAPUA	CP3710	Mollusca	Buccinidae	<i>Nassaria</i> sp.
IM-2009-13176	1	BIOPAPUA	CP3722	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13176	1	BIOPAPUA	CP3722	Mollusca	Nassariidae	<i>Nassarius babylonicus</i> (Watson, 1882)
IM-2009-13177	1	BIOPAPUA	CP3701	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13177	1	BIOPAPUA	CP3701	Mollusca	Nassariidae	<i>Nassarius dijki</i> (K. Martin, 1895)
IM-2009-13178	1	BIOPAPUA	CP3701	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13179	1	BIOPAPUA	CP3710	Mollusca	Buccinidae	<i>Nassaria</i> sp.
IM-2009-13180	1	BIOPAPUA	CP3701	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13181	1	BIOPAPUA	CP3701	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-13181	1	BIOPAPUA	CP3701	Mollusca	Nassariidae	<i>Nassarius</i> sp. 13
IM-2009-21562	1	BIOPAPUA	DW3719	Mollusca	Buccinidae	<i>Nassaria</i> sp.
IM-2009-21566	1	BIOPAPUA	CP3722	Mollusca	Nassariidae	<i>Nassarius</i> sp.
IM-2009-21566	1	BIOPAPUA	CP3722	Mollusca	Nassariidae	<i>Nassarius boucheti</i> Kool, 2004
IM-2009-21568	1	BIOPAPUA	CP3710	Mollusca	Buccinidae	<i>Nassaria</i> sp.
IU-2011-5698	1	BIOPAPUA	CP3693	Mollusca	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5697	1	BIOPAPUA	CP3693	Mollusca	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5696	1	BIOPAPUA	CP3693	Mollusca	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5695	1	BIOPAPUA	CP3693	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5705	1	BIOPAPUA	CP3693	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5702	1	BIOPAPUA	CP3693	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5704	1	BIOPAPUA	CP3693	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5703	1	BIOPAPUA	CP3693	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5701	1	BIOPAPUA	CP3693	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5700	1	BIOPAPUA	CP3693	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5699	1	BIOPAPUA	CP3693	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5706	1	BIOPAPUA	DW3732	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5707	1	BIOPAPUA	DW3732	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5708	1	BIOPAPUA	DW3732	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IU-2011-5709	1	BIOPAPUA	DW3732	Arthropoda	Palinuridae	<i>Puerulus angulatus</i> (Bate, 1888)
IM-2009-21768	1	BIOPAPUA	CP3632	Arthropoda	Mytilidae	<i>Adipicola iwaotakii</i> (Habe, 1958)
IM-2009-21769	1	BIOPAPUA	CP3632	Arthropoda	Mytilidae	<i>Adipicola iwaotakii</i> (Habe, 1958)
IM-2009-21770	1	BIOPAPUA	CP3779	Arthropoda	Mytilidae	<i>Adipicola iwaotakii</i> (Habe, 1958)
IM-2009-21771	1	BIOPAPUA	CP3779	Mollusca	Mytilidae	<i>Adipicola iwaotakii</i> (Habe, 1958)
IM-2009-21772	1	BIOPAPUA	CP3779	Mollusca	Mytilidae	<i>Adipicola iwaotakii</i> (Habe, 1958)
IM-2009-21773	1	BIOPAPUA	CP3647	Mollusca	Mytilidae	<i>Adipicola iwaotakii</i> (Habe, 1958)
IM-2009-21774	1	BIOPAPUA	CP3647	Mollusca	Mytilidae	<i>Adipicola iwaotakii</i> (Habe, 1958)
IM-2009-21775	1	BIOPAPUA	CP3654	Mollusca	Mytilidae	<i>Adipicola iwaotakii</i> (Habe, 1958)
IM-2009-21776	1	BIOPAPUA	CP3780	Mollusca	Mytilidae	<i>Adipicola iwaotakii</i> (Habe, 1958)
IM-2009-16713	1	BIOPAPUA	CP3632	Mollusca	Cerithiidae	<i>Cerithium</i> sp.
IM-2009-16715	1	BIOPAPUA	CP3632	Mollusca	Cerithiidae	<i>Cerithium</i> sp.
IM-2009-16716	1	BIOPAPUA	CP3632	Mollusca	Cerithiidae	<i>Cerithium</i> sp.
IM-2009-16712	1	BIOPAPUA	CP3707	Mollusca	Epitoniidae	<i>Epitonidae</i> sp.
IM-2009-16714	1	BIOPAPUA	CP3632	Mollusca	Cerithiidae	<i>Cerithium</i> sp.
IM-2009-16717	1	BIOPAPUA	CP3677	Mollusca	Epitoniidae	<i>Epitonidae</i> sp.
IM-2009-16710	1	BIOPAPUA	DW3738	Mollusca	Epitoniidae	<i>Epitonidae</i> sp.
IM-2009-16711	1	BIOPAPUA	DW3782	Mollusca	Cerithiidae	<i>Cerithium matukense</i> Watson, 1880
IM-2009-16718	1	BIOPAPUA	CP3714	Mollusca	Epitoniidae	<i>Epitonidae</i> sp.
IM-2009-16719	1	BIOPAPUA	CP3677	Mollusca	Cerithiidae	<i>Cerithium</i> sp.
IM-2009-16720	1	BIOPAPUA	DW3745	Mollusca	Epitoniidae	<i>Epitonidae</i> sp.
IM-2009-16748	1	BIOPAPUA	DW3732	Mollusca	Siliquariidae	<i>Siliquariidae</i> sp.
IM-2009-16737	1	BIOPAPUA	CP3755	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16742	1	BIOPAPUA	CP3690	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16745	1	BIOPAPUA	DW3732	Mollusca	Siliquariidae	<i>Siliquariidae</i> sp.
IM-2009-16741	1	BIOPAPUA	CP3723	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16735	1	BIOPAPUA	CP3755	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16736	1	BIOPAPUA	CP3755	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16747	1	BIOPAPUA	DW3732	Mollusca	Siliquariidae	<i>Siliquariidae</i> sp.
IM-2009-16744	1	BIOPAPUA	DW3732	Mollusca	Siliquariidae	<i>Siliquariidae</i> sp.
IM-2009-16746	1	BIOPAPUA	DW3732	Mollusca	Siliquariidae	<i>Siliquariidae</i> sp.
IM-2009-16738	1	BIOPAPUA	CP3723	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16739	1	BIOPAPUA	CP3723	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16743	1	BIOPAPUA	CP3651	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16731	1	BIOPAPUA	CP3653	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16740	1	BIOPAPUA	CP3723	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16728	1	BIOPAPUA	CP3760	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16729	1	BIOPAPUA	DW3754	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.
IM-2009-16724	1	BIOPAPUA	DW3752	Mollusca	Cerithiidae	<i>Cerithiidae</i> sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IM-2009-16727	1	BIOPAPUA	DW3754	Mollusca	Cerithiidae	Cerithiidae sp.
IM-2009-16722	1	BIOPAPUA	CP3760	Mollusca	Cerithiidae	Cerithiidae sp.
IM-2009-16734	1	BIOPAPUA	CP3723	Mollusca	Cerithiidae	Cerithium sp.
IM-2009-16723	1	BIOPAPUA	CP3723	Mollusca	Cerithiidae	Cerithium sp.
IM-2009-16726	1	BIOPAPUA	CP3650	Mollusca	Cerithiidae	Cerithium sp.
IM-2009-16721	1	BIOPAPUA	CP3653	Mollusca	Cerithiidae	Cerithium sp.
IM-2009-16730	1	BIOPAPUA	CP3653	Mollusca	Cerithiidae	Cerithium sp.
IM-2009-16733	1	BIOPAPUA	CP3744	Mollusca	Cerithiidae	Cerithium sp.
IM-2009-16725	1	BIOPAPUA	DW3752	Mollusca	Cerithiidae	Cerithiidae sp.
IM-2009-16732	1	BIOPAPUA	CP3760	Mollusca	Cerithiidae	Cerithium sp.
IE-2007-3368	11	BIOPAPUA	CP3657	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3346	8	BIOPAPUA	CP3666	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3364	1	BIOPAPUA	CP3651	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3369	2	BIOPAPUA	CP3629	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3348	1	BIOPAPUA	CP3645	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3347	1	BIOPAPUA	CP3714	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3367	1	BIOPAPUA	CP3728	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3365	1	BIOPAPUA	DW3641	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3355	2	BIOPAPUA	CP3721	Echinodermata		Cassidulida Gen. sp.
IE-2007-3363	1	BIOPAPUA	CP3655	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3359	2	BIOPAPUA	CP3674	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3351	1	BIOPAPUA	CP3715	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3358	5	BIOPAPUA	CP3667	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3357	3	BIOPAPUA	CP3645	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3345	11	BIOPAPUA	NO DATA	Echinodermata		Echinoidea sp.
IE-2007-3349	1	BIOPAPUA	CP3667	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3352	1	BIOPAPUA	CP3737	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3354	2	BIOPAPUA	CP3707	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3350	4	BIOPAPUA	CP3708	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3362	1	BIOPAPUA	CP3666	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3344	1	BIOPAPUA	CP3739	Echinodermata		Echinoidea sp.
IE-2007-3361	1	BIOPAPUA	CP3659	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3353	2	BIOPAPUA	CP3721	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3360	1	BIOPAPUA	CP3722	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3356	1	BIOPAPUA	CP3666	Echinodermata		Echinoidea sp.
IE-2007-3366	2	BIOPAPUA	CP3656	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3325	3	BIOPAPUA	CP3693	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3343	1	BIOPAPUA	CP3669	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3336	1	BIOPAPUA	CP3690	Echinodermata		Echinoidea sp.
IE-2007-3332	2	BIOPAPUA	CP3638	Echinodermata		Echinoidea sp.
IE-2007-3340	2	BIOPAPUA	CP3638	Echinodermata		Echinoidea sp.
IE-2007-3322	4	BIOPAPUA	CP3693	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3338	1	BIOPAPUA	DW3687	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3333	1	BIOPAPUA	CP3692	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3341	1	BIOPAPUA	CP3755	Echinodermata		Echinoidea sp.
IE-2007-3331	1	BIOPAPUA	CP3651	Echinodermata		Echinoidea sp.
IE-2007-3328	1	BIOPAPUA	CP3672	Echinodermata		Echinoidea sp.
IE-2007-3330	1	BIOPAPUA	CP3709	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3329	2	BIOPAPUA	CP3691	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3334	2	BIOPAPUA	DW3745	Echinodermata		Echinoidea sp.
IE-2007-3335	1	BIOPAPUA	CP3691	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3324	1	BIOPAPUA	CP3639	Echinodermata		Echinoidea sp.
IE-2007-3321	1	BIOPAPUA	DW3663	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3339	1	BIOPAPUA	CP3760	Echinodermata		Echinoidea sp.
IE-2007-3337	1	BIOPAPUA	CP3761	Echinodermata		Echinoidea sp.
IE-2007-3326	1	BIOPAPUA	CP3682	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3323	2	BIOPAPUA	CP3674	Echinodermata		Echinoidea sp.
IE-2007-3320	1	BIOPAPUA	CP3739	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3327	3	BIOPAPUA	CP3759	Echinodermata		Echinothurioida Gen. sp.
IE-2007-3342	2	BIOPAPUA	CP3695	Echinodermata		Echinothurioida Gen. sp.
IU-2010-4317	1	BIOPAPUA	CP3654	Arthropoda	Glyphocrangonidae	Glyphocrangon faxoni De Man, 1918
IU-2010-4318	1	BIOPAPUA	CP3666	Arthropoda	Glyphocrangonidae	Glyphocrangon lowryi Kensley, Tranter & Griffin, 1987
IU-2010-4319	1	BIOPAPUA	CP3761	Arthropoda	Glyphocrangonidae	Glyphocrangon lowryi Kensley, Tranter & Griffin, 1987
IU-2010-4320	1	BIOPAPUA	CP3713	Arthropoda	Glyphocrangonidae	Glyphocrangon pugnax De Man, 1918
IA-2010-1	1	BIOPAPUA	CP3633	Arthropoda	Eunicidae	Eunice sp.
IA-2010-2	15	BIOPAPUA	CP3633	Arthropoda	Onuphiidae	Hyaliinoecia sp.
IA-2010-3	11	BIOPAPUA	CP3666	Arthropoda	Onuphiidae	Hyaliinoecia sp.
IA-2010-4	1	BIOPAPUA	CP3666	Annelida	Sigalionidae	Mayella sp.
IA-2010-5	1	BIOPAPUA	CP3760	Annelida	Glyceridae	Glycera sp.
IA-2010-6	11	BIOPAPUA	CP3760	Annelida	Onuphiidae	Hyaliinoecia sp.
IA-2010-7	1	BIOPAPUA	CP3760	Annelida	Eunicidae	Lysidice sp.
IA-2010-8	1	BIOPAPUA	CP3760	Annelida	Polynoidae	Polynoidae Gen. sp.
IA-2010-9	3	BIOPAPUA	CP3760	Annelida	Amphionimidae	Chloea sp.
IA-2010-10	2	BIOPAPUA	CP3737	Annelida	Eunicidae	Eunice sp.
IA-2010-11	1	BIOPAPUA	CP3737	Annelida	Onuphiidae	Hyaliinoecia sp.
IA-2010-12	2	BIOPAPUA	CP3737	Annelida	Polynoidae	Polynoidae Gen. sp.
IA-2010-13	2	BIOPAPUA	CP3737	Annelida	Aphroditidae	Laetmonice sp.
IA-2010-14	1	BIOPAPUA	CP3737	Annelida	Maldanidae	Microclymene sp.
IA-2010-15	7	BIOPAPUA	CP3779	Annelida	Eunicidae	Marphysa sp.
IA-2010-16	4	BIOPAPUA	CP3779	Annelida	Eunicidae	Eunice sp.
IA-2010-17	1	BIOPAPUA	CP3779	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-18	1	BIOPAPUA	DW3753	Annelida	Aphroditidae	Laetmonice sp.
IA-2010-19	5	BIOPAPUA	DW3753	Annelida	Eunicidae	Eunice sp.
IA-2010-20	1	BIOPAPUA	DW3753	Annelida	Onuphiidae	Hyaliinoecia sp.
IA-2010-21	2	BIOPAPUA	DW3754	Annelida	Aphroditidae	Laetmonice sp.
IA-2010-22	5	BIOPAPUA	DW3754	Annelida	Eunicidae	Eunice sp.
IA-2010-23	4	BIOPAPUA	DW3754	Annelida	Onuphiidae	Hyaliinoecia sp.
IA-2010-24	2	BIOPAPUA	DW3754	Annelida	Amphionimidae	Chloea sp.
IA-2010-25	1	BIOPAPUA	CP3679	Annelida	Eunicidae	Eunice sp.
IA-2010-26	12	BIOPAPUA	CP3679	Annelida	Eunicidae	Marphysa sp.
IA-2010-27	2	BIOPAPUA	CP3679	Annelida	Maldanidae	Nicomache sp.
IA-2010-28	1	BIOPAPUA	CP3679	Annelida	Nereididae	Nereis sp.
IA-2010-29	2	BIOPAPUA	CP3679	Annelida	Polynoidae	Harmothoe sp.
IA-2010-30	2	BIOPAPUA	CP3689	Annelida	Eunicidae	Eunice sp.
IA-2010-31	5	BIOPAPUA	CP3689	Annelida	Eunicidae	Marphysa sp.
IA-2010-32	1	BIOPAPUA	DW3752	Annelida	Eunicidae	Eunice sp.
IA-2010-33	1	BIOPAPUA	DW3752	Annelida	Polynoidae	Lagisca sp.
IA-2010-34	1	BIOPAPUA	DW3752	Annelida	Phyllodocidae	Phyllodoce sp.
IA-2010-35	17	BIOPAPUA	CP3631	Annelida	Eunicidae	Marphysa sp.
IA-2010-36	1	BIOPAPUA	CP3631	Annelida	Eunicidae	Eunice sp.
IA-2010-37	1	BIOPAPUA	CP3631	Annelida	Nereididae	Nereis sp.
IA-2010-38	3	BIOPAPUA	CP3631	Annelida	Lumbrineridae	Lumbrineris sp.
IA-2010-39	2	BIOPAPUA	CP3631	Annelida	Polynoidae	Polynoidae Gen. sp.
IA-2010-40	3	BIOPAPUA	CP3631	Annelida	Amphionimidae	Linopherus sp.
IA-2010-41	1	BIOPAPUA	CP3631	Annelida	Serpulidae	Serpulidae Gen. sp.
IA-2010-42	1	BIOPAPUA	DW3680	Annelida	Sigalionidae	Mayella sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IA-2010-43	2	BIOPAPUA	CP3651	Annelida	Amphinomidae	Chloea sp.
IA-2010-44	3	BIOPAPUA	CP3651	Annelida	Onuphidae	Paranorthia sp.
IA-2010-45	4	BIOPAPUA	CP3646	Annelida	Eunicidae	Marphysa sp.
IA-2010-46	2	BIOPAPUA	CP3646	Annelida	Eunicidae	Eunice sp.
IA-2010-47	1	BIOPAPUA	CP3646	Annelida	Lumbrineridae	Lumbrineris sp.
IA-2010-48	5	BIOPAPUA	CP3669	Annelida	Aphroditidae	Laetmonice sp.
IA-2010-49	1	BIOPAPUA	CP3710	Annelida	Acoetidae	Polyodontes sp.
IA-2010-50	1	BIOPAPUA	CP3710	Annelida	Eunicidae	Eunice sp.
IA-2010-51	8	BIOPAPUA	CP3710	Annelida	Sigalionidae	Sigalionidae Gen. sp.
IA-2010-52	1	BIOPAPUA	CP3710	Annelida	Sigalionidae	Neoleanira sp.
IA-2010-53	1	BIOPAPUA	CP3710	Annelida	Annelida Gen. sp.	
IA-2010-54	1	BIOPAPUA	CP3660	Annelida	Syllidae	Trypanosyllis sp.
IA-2010-55	5	BIOPAPUA	CP3779	Annelida	Eunicidae	Marphysa sp.
IA-2010-56	1	BIOPAPUA	CP3729	Annelida	Aphroditidae	Laetmonice sp.
IA-2010-57	1	BIOPAPUA	CP3729	Annelida	Onuphidae	Hyalinoecia sp.
IA-2010-58	1	BIOPAPUA	CP3729	Annelida	Amphinomidae	Chloea sp.
IA-2010-59	2	BIOPAPUA	CP3664	Annelida	Sigalionidae	Sthenolepis sp.
IA-2010-60	8	BIOPAPUA	CP3778	Annelida	Eunicidae	Marphysa sp.
IA-2010-61	5	BIOPAPUA	CP3762	Annelida	Aphroditidae	Laetmonice sp.
IA-2010-62	4	BIOPAPUA	CP3669	Annelida	Eunicidae	Marphysa sp.
IA-2010-63	1	BIOPAPUA	CP3669	Annelida	Glyceridae	Glycera sp.
IA-2010-64	1	BIOPAPUA	CP3669	Annelida	Eunicidae	Eunice sp.
IA-2010-65	1	BIOPAPUA	CP3681	Annelida	Amphinomidae	Chloea sp.
IA-2010-66	2	BIOPAPUA	CP3681	Annelida	Polynoidae	Harmothoe sp.
IA-2010-67	1	BIOPAPUA	CP3633	Annelida	Glyceridae	Glycera sp.
IA-2010-68	3	BIOPAPUA	CP3633	Annelida	Eunicidae	Marphysa sp.
IA-2010-69	1	BIOPAPUA	CP3633	Annelida	Onuphidae	Hyalinoecia sp.
IA-2010-70	1	BIOPAPUA	CP3629	Annelida	Sternaspidae	Sternaspis sp.
IA-2010-71	1	BIOPAPUA	CP3629	Annelida	Eunicidae	Marphysa sp.
IA-2010-72	1	BIOPAPUA	CP3629	Annelida	Amphinomidae	Amphinomidae Gen. sp.
IA-2010-73	8	BIOPAPUA	CP3638	Annelida	Onuphidae	Hyalinoecia sp.
IA-2010-74	3	BIOPAPUA	CP3638	Annelida	Eunicidae	Marphysa sp.
IA-2010-75	1	BIOPAPUA	CP3638	Annelida	Amphinomidae	Chloea sp.
IA-2010-76	1	BIOPAPUA	CP3638	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-77	1	BIOPAPUA	CP3630	Annelida	Eunicidae	Lysidice sp.
IA-2010-78	1	BIOPAPUA	CP3630	Annelida	Lumbrineridae	Lumbrineris sp.
IA-2010-79	3	BIOPAPUA	CP3630	Annelida	Eunicidae	Marphysa sp.
IA-2010-80	4	BIOPAPUA	CP3630	Annelida	Nereididae	Nereis sp.
IA-2010-81	3	BIOPAPUA	CP3711	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-82	2	BIOPAPUA	CP3711	Annelida	Sigalionidae	Sigalionidae Gen. sp.
IA-2010-83	1	BIOPAPUA	CP3711	Annelida	Sternaspidae	Sternaspis sp.
IA-2010-84	1	BIOPAPUA	CP3711	Annelida	Terebellidae	Terebellidae Gen. sp.
IA-2010-85	15	BIOPAPUA	CP3656	Annelida	Eunicidae	Lysidice sp.
IA-2010-86	3	BIOPAPUA	CP3656	Annelida	Eunicidae	Eunice sp.
IA-2010-87	1	BIOPAPUA	CP3656	Annelida	Sabellidae	Sabellidae Gen. sp.
IA-2010-88	11	BIOPAPUA	CP3709	Annelida	Eunicidae	Marphysa sp.
IA-2010-89	1	BIOPAPUA	DW3732	Annelida	Aphroditidae	Laetmonice sp.
IA-2010-90	1	BIOPAPUA	DW3732	Annelida	Aphroditidae	Aphrodit sp.
IA-2010-91	1	BIOPAPUA	DW3732	Annelida	Amphinomidae	Linoperus sp.
IA-2010-92	1	BIOPAPUA	DW3732	Annelida	Eunicidae	Eunice sp.
IA-2010-93	3	BIOPAPUA	DW3732	Annelida	Onuphidae	Hyalinoecia sp.
IA-2010-94	2	BIOPAPUA	DW3732	Annelida	Amphinomidae	Euryhoe sp.
IA-2010-95	1	BIOPAPUA	DW3732	Annelida	Polynoidae	Lepidonotus sp.
IA-2010-96	2	BIOPAPUA	CP3747	Annelida	Eunicidae	Eunice sp.
IA-2010-97	1	BIOPAPUA	CP3708	Annelida	Eunicidae	Eunice sp.
IA-2010-98	6	BIOPAPUA	CP3708	Annelida	Eunicidae	Marphysa sp.
IA-2010-99	1	BIOPAPUA	CP3708	Annelida	Lumbrineridae	Lumbrineris sp.
IA-2010-100	1	BIOPAPUA	CP3708	Annelida	Sigalionidae	Neoleanira sp.
IA-2010-101	1	BIOPAPUA	CP3708	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-102	1	BIOPAPUA	CP3707	Annelida	Nereididae	Nereis sp.
IA-2010-103	1	BIOPAPUA	CP3707	Annelida	Capitellidae	Capitellidae Gen. sp.
IA-2010-104	4	BIOPAPUA	CP3707	Annelida	Eunicidae	Marphysa sp.
IA-2010-105	2	BIOPAPUA	CP3707	Annelida	Eunicidae	Eunice sp.
IA-2010-106	1	BIOPAPUA	CP3707	Annelida	Lumbrineridae	Lumbrineris sp.
IA-2010-107	1	BIOPAPUA	CP3707	Annelida	Terebellidae	Terebellidae Gen. sp.
IA-2010-108	2	BIOPAPUA	DW3678	Annelida	Acoetidae	Panthalis sp.
IA-2010-109	25	BIOPAPUA	CP3718	Annelida	Eunicidae	Marphysa sp.
IA-2010-110	1	BIOPAPUA	CP3718	Annelida	Eunicidae	Eunice sp.
IA-2010-111	2	BIOPAPUA	CP3755	Annelida	Aphroditidae	Laetmonice sp.
IA-2010-112	2	BIOPAPUA	CP3755	Annelida	Amphinomidae	Chloea sp.
IA-2010-113	2	BIOPAPUA	CP3755	Annelida	Onuphidae	Hyalinoecia sp.
IA-2010-114	1	BIOPAPUA	CP3755	Annelida	Onuphidae	Paronuphis sp.
IA-2010-115	6	BIOPAPUA	CP3712	Annelida	Amphinomidae	Euryhoe sp.
IA-2010-116	7	BIOPAPUA	CP3712	Annelida	Eunicidae	Marphysa sp.
IA-2010-117	7	BIOPAPUA	CP3647	Annelida	Nereididae	Nereis sp.
IA-2010-118	2	BIOPAPUA	CP3647	Annelida	Eunicidae	Marphysa sp.
IA-2010-119	1	BIOPAPUA	CP3647	Annelida	Glyceridae	Glycera sp.
IA-2010-120	3	BIOPAPUA	CP3647	Annelida	Polyoidae	Harmothoe sp.
IA-2010-121	1	BIOPAPUA	CP3647	Annelida	Maldanidae	Nicomache sp.
IA-2010-122	1	BIOPAPUA	CP3657	Annelida	Polyoidae	Harmothoe sp.
IA-2010-123	2	BIOPAPUA	CP3657	Annelida	Nereididae	Nereis sp.
IA-2010-124	1	BIOPAPUA	CP3657	Annelida	Amphinomidae	Amphinomidae Gen. sp.
IA-2010-125	2	BIOPAPUA	CP3657	Annelida	Amphinomidae	Chloea sp.
IA-2010-126	2	BIOPAPUA	CP3651	Annelida	Onuphidae	Paranorthia sp.
IA-2010-127	1	BIOPAPUA	CP3651	Annelida	Onuphidae	Hyalinoecia sp.
IA-2010-128	1	BIOPAPUA	CP3651	Annelida	Syllidae	Inermosyllis sp.
IA-2010-129	1	BIOPAPUA	CP3774	Annelida	Aphroditidae	Laetmonice sp.
IA-2010-130	2	BIOPAPUA	CP3774	Annelida	Hirudinea Gen. sp.	
IA-2010-131	7	BIOPAPUA	CP3774	Annelida	Onuphidae	Hyalinoecia sp.
IA-2010-132	1	BIOPAPUA	CP3774	Annelida	Eunicidae	Nematoneiris sp.
IA-2010-133	1	BIOPAPUA	CP3774	Annelida	Ampharetidae	Ampharetidae Gen. sp.
IA-2010-134	1	BIOPAPUA	CP3774	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-135	2	BIOPAPUA	CP3774	Annelida	Polyoidae	Harmothoe sp.
IA-2010-136	9	BIOPAPUA	CP3681	Annelida	Eunicidae	Marphysa sp.
IA-2010-137	2	BIOPAPUA	CP3681	Annelida	Lumbrineridae	Lumbrineris sp.
IA-2010-138	3	BIOPAPUA	CP3681	Annelida	Polyoidae	Harmothoe sp.
IA-2010-139	2	BIOPAPUA	CP3780	Annelida	Polyoidae	Harmothoe sp.
IA-2010-140	10	BIOPAPUA	CP3780	Annelida	Eunicidae	Marphysa sp.
IA-2010-141	1	BIOPAPUA	CP3780	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-142	1	BIOPAPUA	CP3762	Annelida	Amphinomidae	Chloea sp.
IA-2010-143	2	BIOPAPUA	CP3762	Annelida	Lumbrineridae	Lumbrineris sp.
IA-2010-144	2	BIOPAPUA	CP3762	Annelida	Polyoidae	Harmothoe sp.
IA-2010-145	1	BIOPAPUA	CP3700	Annelida	Acoetidae	Polyodontes sp.
IA-2010-146	2	BIOPAPUA	CP3700	Annelida	Sigalionidae	Sthenolepis sp.
IA-2010-147	15	BIOPAPUA	CP3700	Annelida	Terebellidae	Terebellidae Gen. sp.
IA-2010-148	1	BIOPAPUA	CP3710	Annelida	Lumbrineridae	Lumbrineris sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IA-2010-149	1	BIO PAPUA	CP3710	Annelida	Eunicidae	<i>Eunice</i> sp.
IA-2010-150	25	BIO PAPUA	CP3703	Annelida	Amphinomidae	Amphinomidae Gen. sp.
IA-2010-151	1	BIO PAPUA	CP3703	Annelida	Opheliidae	Opheliidae Gen. sp.
IA-2010-152	1	BIO PAPUA	CP3703	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-153	2	BIO PAPUA	CP3658	Annelida	Eunicidae	<i>Eunice</i> sp.
IA-2010-154	1	BIO PAPUA	CP3638	Annelida	Polynoidae	<i>Harmothoe</i> sp.
IA-2010-155	5	BIO PAPUA	CP3638	Annelida	Amphinomidae	<i>Chloea</i> sp.
IA-2010-156	1	BIO PAPUA	CP3638	Annelida	Onuphiidae	<i>Paranorthia</i> sp.
IA-2010-157	1	BIO PAPUA	CP3638	Annelida	Eunicidae	<i>Eunice</i> sp.
IA-2010-158	2	BIO PAPUA	CP3638	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-159	1	BIO PAPUA	CP3638	Annelida	Nereididae	<i>Nereis</i> sp.
IA-2010-160	13	BIO PAPUA	CP3632	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-161	1	BIO PAPUA	CP3632	Annelida	Terebellidae	Terebellidae Gen. sp.
IA-2010-162	1	BIO PAPUA	CP3632	Annelida	Capitellidae	Capitellidae Gen. sp.
IA-2010-163	2	BIO PAPUA	CP3632	Annelida	Amphinomidae	<i>Linopherus</i> sp.
IA-2010-164	3	BIO PAPUA	CP3778	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-165	1	BIO PAPUA	CP3703	Annelida	Polynoidae	<i>Branchipolynoe</i> pettiboneae Miura & Hashimoto, 1991
IA-2010-166	2	BIO PAPUA	CP3778	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-167	1	BIO PAPUA	CP3648	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-168	1	BIO PAPUA	CP3648	Annelida	Nereididae	<i>Nereis</i> sp.
IA-2010-169	1	BIO PAPUA	CP3648	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-170	1	BIO PAPUA	CP3761	Annelida	Eunicidae	Eunicidae Gen. sp.
IA-2010-171	1	BIO PAPUA	CP3761	Annelida	Amphinomidae	Amphinomidae Gen. sp.
IA-2010-172	3	BIO PAPUA	CP3667	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-173	1	BIO PAPUA	CP3667	Annelida	Nereididae	<i>Nereis</i> sp.
IA-2010-174	10	BIO PAPUA	CP3651	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-175	2	BIO PAPUA	CP3651	Annelida	Polynoidae	<i>Branchipolynoe</i> pettiboneae Miura & Hashimoto, 1991
IA-2010-176	4	BIO PAPUA	CP3681	Annelida	Amphinomidae	<i>Chloea</i> sp.
IA-2010-177	1	BIO PAPUA	CP3681	Annelida	Amphinomidae	<i>Linopherus</i> sp.
IA-2010-178	8	BIO PAPUA	CP3731	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-179	6	BIO PAPUA	CP3704	Annelida	Amphinomidae	<i>Linopherus</i> sp.
IA-2010-180	6	BIO PAPUA	CP3629	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-181	8	BIO PAPUA	CP3629	Annelida	Nereididae	<i>Nereis</i> sp.
IA-2010-182	9	BIO PAPUA	CP3714	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-183	2	BIO PAPUA	CP3690	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-184	6	BIO PAPUA	CP3729	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-185	1	BIO PAPUA	CP3729	Annelida	Lumbrineridae	<i>Lumbrineris</i> sp.
IA-2010-186	2	BIO PAPUA	CP3729	Annelida	Amphinomidae	<i>Linopherus</i> sp.
IA-2010-187	1	BIO PAPUA	CP3729	Annelida	Polynoidae	<i>Polydionae</i> Gen. sp.
IA-2010-188	3	BIO PAPUA	CP3729	Annelida	Polynoidae	<i>Iphioninae</i> Gen. sp.
IA-2010-189	4	BIO PAPUA	CP3677	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-190	4	BIO PAPUA	CP3666	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-191	1	BIO PAPUA	CP3666	Annelida	Nereididae	<i>Nereis</i> sp.
IA-2010-192	8	BIO PAPUA	CP3650	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-193	5	BIO PAPUA	CP3711	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-194	1	BIO PAPUA	CP3711	Annelida	Terebellidae	Terebellidae Gen. sp.
IA-2010-195	2	BIO PAPUA	CP3711	Annelida	Glyceridae	<i>Glycera</i> sp.
IA-2010-196	13	BIO PAPUA	CP3713	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-197	1	BIO PAPUA	CP3713	Annelida	Nereididae	<i>Nereis</i> sp.
IA-2010-198	6	BIO PAPUA	DW3772	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-199	1	BIO PAPUA	CP3650	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-200	2	BIO PAPUA	CP3650	Annelida	Amphinomidae	<i>Chloea</i> sp.
IA-2010-201	1	BIO PAPUA	DW3748	Annelida	Aphroditidae	Aphroditidae Gen. sp.
IA-2010-202	1	BIO PAPUA	DW3748	Annelida	Nereididae	<i>Nereis</i> sp.
IA-2010-203	1	BIO PAPUA	CP3655	Annelida	Amphinomidae	<i>Chloea</i> sp.
IA-2010-204	2	BIO PAPUA	CP3665	Annelida	Sternaspidae	<i>Sternaspis</i> sp.
IA-2010-205	1	BIO PAPUA	CP3665	Annelida	Nereididae	<i>Nereis</i> sp.
IA-2010-206	1	BIO PAPUA	DW3735	Annelida	Lumbrineridae	<i>Lumbrineris</i> sp.
IA-2010-207	1	BIO PAPUA	DW3735	Annelida	Amphinomidae	Amphinomidae Gen. sp.
IA-2010-208	1	BIO PAPUA	DW3735	Annelida	Ampharetidae	Ampharetidae Gen. sp.
IA-2010-209	2	BIO PAPUA	DW3735	Annelida	Onuphiidae	Onuphiidae Gen. sp.
IA-2010-210	1	BIO PAPUA	DW3735	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-211	3	BIO PAPUA	DW3735	Annelida	Sigalionidae	Sigalionidae Gen. sp.
IA-2010-212	1	BIO PAPUA	DW3735	Annelida	Sigalionidae	Sigalionidae Gen. sp.
IA-2010-213	2	BIO PAPUA	DW3771	Annelida	Sigalionidae	<i>Psammolyce</i> sp.
IA-2010-214	1	BIO PAPUA	DW3771	Annelida	Sigalionidae	Sigalionidae Gen. sp.
IA-2010-215	1	BIO PAPUA	DW3771	Annelida	Lumbrineridae	<i>Lumbrineris</i> sp.
IA-2010-216	1	BIO PAPUA	DW3765	Annelida	Amelidae	Amelida Gen. sp.
IA-2010-217	1	BIO PAPUA	DW3765	Annelida	Pectinariidae	Pectinariidae Gen. sp.
IA-2010-218	1	BIO PAPUA	DW3738	Annelida	Eunicidae	<i>Eunice</i> sp.
IA-2010-219	1	BIO PAPUA	DW3738	Annelida	Amphinomidae	<i>Chloea</i> sp.
IA-2010-220	1	BIO PAPUA	DW3738	Annelida	Onuphiidae	<i>Hyalinoecia</i> sp.
IA-2010-221	3	BIO PAPUA	DW3770	Annelida	Polynoidae	<i>Lepidonotus</i> sp.
IA-2010-222	2	BIO PAPUA	DW3770	Annelida	Aphroditidae	<i>Aphrodita</i> sp.
IA-2010-223	2	BIO PAPUA	DW3770	Annelida	Onuphiidae	<i>Hyalinoecia</i> sp.
IA-2010-224	1	BIO PAPUA	DW3770	Annelida	Polynoidae	Polynoidae Gen. sp.
IA-2010-225	1	BIO PAPUA	CP3693	Annelida	Capitellidae	<i>Mastobranchus</i> sp.
IA-2010-226	7	BIO PAPUA	CP3631	Annelida	Amphinomidae	<i>Linopherus</i> sp.
IA-2010-227	2	BIO PAPUA	CP3631	Annelida	Polynoidae	<i>Iphioninae</i> Gen. sp.
IA-2010-228	4	BIO PAPUA	CP3631	Annelida	Eunicidae	<i>Marphysa</i> sp.
IA-2010-229	1	BIO PAPUA	CP3631	Annelida	Lumbrineridae	<i>Lumbrineris</i> sp.
IA-2010-230	5	BIO PAPUA	CP3646	Annelida	Amphinomidae	<i>Linopherus</i> sp.
IA-2010-231	1	BIO PAPUA	CP3646	Annelida	Serpulidae	Serpulidae Gen. sp.
IA-2010-232	1	BIO PAPUA	DW3773	Annelida	Polynoidae	Polynoidae Gen. sp.
IA-2010-233	1	BIO PAPUA	DW3773	Annelida	Aphroditidae	<i>Laetmonice</i> sp.
IA-2010-234	1	BIO PAPUA	DW3773	Annelida	Terebellidae	Terebellidae Gen. sp.
IA-2010-235	1	BIO PAPUA	CP3761	Annelida	Aphroditidae	<i>Laetmonice</i> sp.
IA-2010-236	1	BIO PAPUA	CP3743	Annelida	Nereididae	Nereididae Gen. sp.
IA-2010-237	3	BIO PAPUA	CP3743	Annelida	Polynoidae	<i>Harmothoe</i> sp.
IA-2010-238	1	BIO PAPUA	CP3743	Annelida	Onuphiidae	Onuphiidae Gen. sp.
IA-2010-239	4	BIO PAPUA	CP3739	Annelida	Eunicidae	<i>Eunice</i> sp.
IA-2010-240	3	BIO PAPUA	CP3739	Annelida	Onuphiidae	<i>Hyalinoecia</i> sp.
IA-2010-241	1	BIO PAPUA	CP3739	Annelida	Hesionidae	Amphiduros sp.
IA-2010-242	1	BIO PAPUA	CP3712	Annelida	Capitellidae	<i>Mastobranchus</i> sp.
IA-2010-243	1	BIO PAPUA	CP3712	Annelida	Polynoidae	<i>Harmothoe</i> sp.
IA-2010-244	1	BIO PAPUA	CP3750	Annelida	Hesionidae	Amphiduros sp.
IA-2010-245	1	BIO PAPUA	CP3750	Annelida	Eunicidae	<i>Eunice</i> sp.
IA-2010-246	1	BIO PAPUA	CP3750	Annelida	Sigalionidae	<i>Psammolyce</i> sp.
IA-2010-247	1	BIO PAPUA	CP3750	Annelida	Terebellidae	Terebellidae Gen. sp.
IA-2010-248	2	BIO PAPUA	CP3750	Annelida	Sigalionidae	<i>Sthenolepis</i> sp.
IA-2010-249	2	BIO PAPUA	CP3674	Annelida	Amphinomidae	<i>Chloea</i> sp.
IA-2010-250	1	BIO PAPUA	CP3674	Annelida	Polynoidae	<i>Harmothoe</i> sp.
IA-2010-251	2	BIO PAPUA	DW3754	Annelida	Sigalionidae	<i>Sthenolepis</i> sp.
IA-2010-252	1	BIO PAPUA	DW3754	Annelida	Acoetidae	Polyodontes sp.
IA-2010-253	1	BIO PAPUA	CP3742	Annelida	Amphinomidae	<i>Chloea</i> sp.
IA-2010-254	1	BIO PAPUA	CP3742	Annelida	Polynoidae	<i>Harmothoe</i> sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IA-2010-255	1	BIO PAPUA	CP3672	Annelida	Nereididae	Nereididae Gen. sp.
IA-2010-256	1	BIO PAPUA	CP3672	Annelida	Lumbrineridae	Lumbrineris sp.
IA-2010-257	1	BIO PAPUA	CP3695	Annelida	Aphrotitidae	Aphroditia sp.
IA-2010-258	1	BIO PAPUA	CP3695	Annelida	Amphinomidae	Chloëia sp.
IA-2010-259	1	BIO PAPUA	DW3746	Annelida	Onuphiidae	Paranorthia sp.
IA-2010-260	4	BIO PAPUA	CP3639	Annelida	Eunicidae	Marphysa sp.
IA-2010-261	1	BIO PAPUA	DW3725	Annelida	Amphinomidae	Amphinomidae Gen. sp.
IA-2010-262	1	BIO PAPUA	DW3725	Annelida	Aphrotitidae	Laetmonice sp.
IA-2010-263	4	BIO PAPUA	CP3651	Annelida	Eunicidae	Marphysa sp.
IA-2010-264	2	BIO PAPUA	CP3651	Annelida	Amphinomidae	Chloëia sp.
IA-2010-265	4	BIO PAPUA	CP3636	Annelida	Eunicidae	Marphysa sp.
IA-2010-266	1	BIO PAPUA	CP3636	Annelida	Lumbrineridae	Lumbrineris sp.
IA-2010-267	1	BIO PAPUA	DW3628	Annelida	Eunicidae	Marphysa sp.
IA-2010-268	1	BIO PAPUA	DW3628	Annelida	Capitellidae	Capitellidae Gen. sp.
IA-2010-269	1	BIO PAPUA	CP3629	Annelida	Nereididae	Nereididae Gen. sp.
IA-2010-270	1	BIO PAPUA	CP3629	Annelida	Nereididae	Nereididae Gen. sp.
IA-2010-271	1	BIO PAPUA	CP3629	Annelida	Lumbrineridae	Lumbrineris sp.
IA-2010-272	1	BIO PAPUA	CP3635	Annelida	Eunicidae	Marphysa sp.
IA-2010-273	1	BIO PAPUA	CP3739	Annelida		Annelida Gen. sp.
IA-2010-274	1	BIO PAPUA	CP3630	Annelida	Eunicidae	Marphysa sp.
IA-2010-275	1	BIO PAPUA	CP3632	Annelida	Eunicidae	Marphysa sp.
IA-2010-276	1	BIO PAPUA	CP3647	Annelida	Polynoidae	Iphoninae Gen. sp.
IA-2010-277	3	BIO PAPUA	CP3760	Annelida	Polynoidae	Iphoninae Gen. sp.
IA-2010-278	2	BIO PAPUA	CP3760	Annelida	Amphinomidae	Linopherus sp.
IA-2010-279	2	BIO PAPUA	CP3760	Annelida	Nereididae	Nereis sp.
IA-2010-280	1	BIO PAPUA	CP3760	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-281	4	BIO PAPUA	CP3676	Annelida	Eunicidae	Marphysa sp.
IA-2010-282	1	BIO PAPUA	CP3676	Annelida	Glyceridae	Glycera sp.
IA-2010-283	1	BIO PAPUA	CP3647	Annelida	Nereididae	Nereis sp.
IA-2010-284	3	BIO PAPUA	CP3728	Annelida	Eunicidae	Marphysa sp.
IA-2010-285	2	BIO PAPUA	CP3728	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-286	8	BIO PAPUA	CP3645	Annelida	Eunicidae	Marphysa sp.
IA-2010-287	1	BIO PAPUA	CP3645	Annelida	Eunicidae	Eunice sp.
IA-2010-288	1	BIO PAPUA	CP3645	Annelida	Ampharetidae	Ampharetidae Gen. sp.
IA-2010-289	1	BIO PAPUA	CP3645	Annelida	Maldanidae	Nicomache sp.
IA-2010-290	4	BIO PAPUA	CP3715	Annelida	Glyceridae	Glycera sp.
IA-2010-291	1	BIO PAPUA	CP3631	Annelida	Polynoidae	Iphoninae Gen. sp.
IA-2010-292	3	BIO PAPUA	CP3647	Annelida	Polynoidae	Harmothoe sp.
IA-2010-293	2	BIO PAPUA	CP3647	Annelida	Nereididae	Nereis sp.
IA-2010-294	1	BIO PAPUA	CP3730	Annelida	Nereididae	Nereis sp.
IA-2010-295	1	BIO PAPUA	CP3670	Annelida	Nereididae	Nereis sp.
IA-2010-296	2	BIO PAPUA	CP3637	Annelida	Eunicidae	Marphysa sp.
IA-2010-297	1	BIO PAPUA	CP3704	Annelida	Eunicidae	Marphysa sp.
IA-2010-298	1	BIO PAPUA	NO DATA	Annelida	Eunicidae	Lysidice sp.
IA-2010-299	1	BIO PAPUA	CP3682	Annelida	Polynoidae	Harmothoe sp.
IA-2010-300	1	BIO PAPUA	CP3682	Annelida	Sabellidae	Sabellidae Gen. sp.
IA-2010-301	1	BIO PAPUA	CP3632	Annelida	Polynoidae	Harmothoe sp.
IA-2010-302	1	BIO PAPUA	CP3632	Annelida	Phyllodocidae	Phyllodocidae Gen. sp.
IA-2010-303	3	BIO PAPUA	CP3723	Annelida	Eunicidae	Marphysa sp.
IA-2010-304	1	BIO PAPUA	CP3647	Annelida	Nereididae	Nereis sp.
IA-2010-305	1	BIO PAPUA	CP3647	Annelida	Eunicidae	Marphysa sp.
IA-2010-306	1	BIO PAPUA	CP3692	Annelida	Eunicidae	Marphysa sp.
IA-2010-307	1	BIO PAPUA	CP3681	Annelida	Nereididae	Nereis sp.
IA-2010-308	1	BIO PAPUA	CP3635	Annelida	Eunicidae	Marphysa sp.
IA-2010-309	2	BIO PAPUA	CP3701	Annelida	Nereididae	Nereididae Gen. sp.
IA-2010-310	1	BIO PAPUA	CP3737	Annelida	Polynoidae	Iphoninae Gen. sp.
IA-2010-311	1	BIO PAPUA	CP3669	Annelida	Polynoidae	Iphoninae Gen. sp.
IA-2010-312	1	BIO PAPUA	CP3669	Annelida	Maldanidae	Maldanidae Gen. sp.
IA-2010-313	4	BIO PAPUA	CP3740	Annelida	Polynoidae	Iphoninae Gen. sp.
IA-2010-314	1	BIO PAPUA	CP3740	Annelida	Nereididae	Nereis sp.
IA-2010-315	2	BIO PAPUA	CP3741	Annelida	Polynoidae	Harmothoe sp.
IA-2010-316	2	BIO PAPUA	CP3741	Annelida	Nereididae	Nereis sp.
IA-2010-317	1	BIO PAPUA	CP3630	Annelida	Glyceridae	Glycera sp.
IA-2010-318	1	BIO PAPUA	CP3630	Annelida	Eunicidae	Marphysa sp.
IA-2010-319	1	BIO PAPUA	CP3630	Annelida	Nereididae	Nereis sp.
IA-2010-320	2	BIO PAPUA	CP3724	Annelida	Polynoidae	Harmothoe sp.
IA-2010-321	2	BIO PAPUA	CP3778	Annelida	Eunicidae	Marphysa sp.
IA-2010-322	3	BIO PAPUA	CP3647	Annelida	Nereididae	Nereis sp.
IA-2010-323	1	BIO PAPUA	CP3647	Annelida	Eunicidae	Marphysa sp.
IA-2010-324	1	BIO PAPUA	DW3777	Annelida	Polynoidae	Harmothoe sp.
IA-2010-325	1	BIO PAPUA	DW3777	Annelida	Glyceridae	Glycera sp.
IA-2010-326	1	BIO PAPUA	CP3761	Annelida	Amphinomidae	Amphinomidae Gen. sp.
IA-2010-327	1	BIO PAPUA	CP3761	Annelida	Eunicidae	Eunice sp.
IA-2010-328	1	BIO PAPUA	CP3742	Annelida	Nereididae	Nereis sp.
IA-2010-329	1	BIO PAPUA	CP3742	Annelida	Polynoidae	Harmothoe sp.
IA-2010-330	2	BIO PAPUA	CP3630	Annelida	Polynoidae	Harmothoe sp.
IA-2010-331	1	BIO PAPUA	CP3630	Annelida	Lumbrineridae	Lumbrineris sp.
IA-2010-332	1	BIO PAPUA	CP3659	Annelida	Nereididae	Nereis sp.
IA-2010-333	5	BIO PAPUA	CP3716	Annelida	Glyceridae	Glycera sp.
IA-2010-334	1	BIO PAPUA	CP3730	Annelida	Eunicidae	Marphysa sp.
IA-2010-335	1	BIO PAPUA	CP3750	Annelida	Polynoidae	Iphoninae Gen. sp.
IA-2010-336	1	BIO PAPUA	CP3728	Annelida	Nereididae	Nereis sp.
IA-2010-337	1	BIO PAPUA	CP3728	Annelida	Eunicidae	Marphysa sp.
IA-2010-338	3	BIO PAPUA	DW3640	Annelida	Nereididae	Nereididae Gen. sp.
IA-2010-339	2	BIO PAPUA	DW3640	Annelida	Eunicidae	Eunice sp.
IA-2010-340	1	BIO PAPUA	CP3659	Annelida	Eunicidae	Eunice sp.
IA-2010-341	8	BIO PAPUA	CP3718	Annelida	Aphrotitidae	Laetmonice sp.
IA-2010-342	4	BIO PAPUA	CP3713	Annelida	Onuphidae	Hyalinoecia sp.
IA-2010-343	1	BIO PAPUA	CP3713	Annelida	Eunicidae	Marphysa sp.
IA-2010-344	1	BIO PAPUA	CP3736	Annelida	Onuphidae	Onuphidae Gen. sp.
IA-2010-345	28	BIO PAPUA	CP3731	Annelida	Onuphidae	Paranorthia sp.
IA-2010-346	1	BIO PAPUA	CP3731	Annelida	Aphrotitidae	Laetmonice sp.
IA-2010-347	1	BIO PAPUA	DW3683	Annelida	Onuphidae	Paranorthia sp.
IA-2010-348	2	BIO PAPUA	DW3683	Annelida	Aphrotitidae	Laetmonice sp.
IA-2010-349	3	BIO PAPUA	DW3683	Annelida	Eunicidae	Marphysa sp.
IA-2010-350	4	BIO PAPUA	CP3705	Annelida	Trichobranchidae	Terebellides sp.
IA-2010-351	2	BIO PAPUA	CP3705	Annelida	Amphinomidae	Linopherus sp.
IA-2010-352	7	BIO PAPUA	CP3705	Annelida	Sigalionidae	Sigalionidae Gen. sp.
IM-2009-18262	1	BIO PAPUA	CP3700	Mollusca	Conidae	Conus aff. rohani Röckel, 1986
IM-2009-18263	1	BIO PAPUA	DW3770	Mollusca	Conidae	Conus hirasei (Kuroda, 1956)
IM-2009-18264	1	BIO PAPUA	CP3670	Mollusca	Conidae	Conus teramachii (Kuroda, 1956)
IM-2009-18265	1	BIO PAPUA	CP3635	Mollusca	Conidae	Conus aff. rohani Röckel, 1986
IM-2009-18266	1	BIO PAPUA	CP3701	Mollusca	Conidae	Conus aff. rohani Röckel, 1986
IM-2009-18267	1	BIO PAPUA	CP3634	Mollusca	Conidae	Conus aff. rohani Röckel, 1986
IM-2009-18268	1	BIO PAPUA	CP3634	Mollusca	Conidae	Conus aff. rohani Röckel, 1986
IM-2009-18269	1	BIO PAPUA	CP3634	Mollusca	Conidae	Conus aff. rohani Röckel, 1986

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IM-2009-18270	1	BIOPAPUA	CP3634	Mollusca	Conidae	<i>Conus aff. rohani</i> Röckel, 1986
IM-2009-18271	1	BIOPAPUA	CP3634	Mollusca	Conidae	<i>Conus aff. rohani</i> Röckel, 1986
IM-2009-18272	1	BIOPAPUA	CP3671	Mollusca	Conidae	<i>Conus teramachii</i> (Kuroda, 1956)
IM-2009-18273	1	BIOPAPUA	CP3634	Mollusca	Conidae	<i>Conus aff. rohani</i> Röckel, 1986
IM-2009-18274	1	BIOPAPUA	CP3713	Mollusca	Conidae	<i>Conus orbignyi</i> Audouin, 1831
IM-2009-18275	1	BIOPAPUA	CP3634	Mollusca	Conidae	<i>Conus aff. rohani</i> Röckel, 1986
IM-2009-18276	1	BIOPAPUA	CP3634	Mollusca	Conidae	<i>Conus aff. rohani</i> Röckel, 1986
IM-2009-18277	1	BIOPAPUA	CP3635	Mollusca	Conidae	<i>Conus orbignyi</i> Audouin, 1831
IM-2009-18278	1	BIOPAPUA	CP3629	Mollusca	Conidae	<i>Conus pagodus</i> Kiener, 1845
IM-2009-18279	1	BIOPAPUA	CP3629	Mollusca	Conidae	<i>Conus pagodus</i> Kiener, 1845
IM-2009-18280	1	BIOPAPUA	CP3635	Mollusca	Conidae	<i>Conus orbignyi</i> Audouin, 1831
IM-2009-18281	1	BIOPAPUA	CP3629	Mollusca	Conidae	<i>Conus aff. rohani</i> Röckel, 1986
IM-2009-18282	1	BIOPAPUA	CP3634	Mollusca	Conidae	<i>Conus aff. rohani</i> Röckel, 1986
IM-2009-18283	1	BIOPAPUA	CP3671	Mollusca	Conidae	<i>Conus teramachii</i> (Kuroda, 1956)
IM-2009-18284	1	BIOPAPUA	CP3671	Mollusca	Conidae	<i>Conus teramachii</i> (Kuroda, 1956)
IM-2009-18285	1	BIOPAPUA	CP3634	Mollusca	Conidae	<i>Conus andremenezi</i> Oliveira & Biggs, 2010
IM-2009-18286	1	BIOPAPUA	CP3632	Mollusca	Conidae	<i>Conus teramachii</i> (Kuroda, 1956)
IM-2009-18287	1	BIOPAPUA	CP3701	Mollusca	Conidae	<i>Conus sp.</i>
IM-2009-18288	1	BIOPAPUA	CP3701	Mollusca	Conidae	<i>Conus aff. rohani</i> Röckel, 1986
IU-2008-20516	2	BIOPAPUA	CP3762	Arthropoda		Pycnogonida
IU-2008-20517	1	BIOPAPUA	DW3719	Arthropoda		Pycnogonida
IU-2008-20518	1	BIOPAPUA	CP3761	Arthropoda		Pycnogonida
IU-2008-20519	1	BIOPAPUA	CP3739	Arthropoda		Pycnogonida
IU-2008-20520	1	BIOPAPUA	CP3724	Arthropoda		Pycnogonida
IU-2008-20521	2	BIOPAPUA	CP3740	Arthropoda		Pycnogonida
IU-2008-20522	1	BIOPAPUA	CP3744	Arthropoda		Pycnogonida
IU-2008-20523	3	BIOAPUA	CP3744	Arthropoda		Pycnogonida
IU-2008-20524	2	BIOPAPUA	CP3741	Arthropoda	Pycnogonidae	Pycnogonidae Gen. sp.
IU-2011-906	1	BIOPAPUA	CP3667	Arthropoda		Pycnogonida
IU-2011-1148	1	BIOPAPUA	CP3666	Arthropoda		Pycnogonida
IU-2011-1339	1	BIOPAPUA	CP3677	Arthropoda		Pycnogonida
IU-2011-1362	1	BIOPAPUA	CP3630	Arthropoda		Amphipoda
IU-2011-1642	1	BIOPAPUA	CP3739	Arthropoda		Pycnogonida
IU-2011-1709	1	BIOPAPUA	DW3719	Arthropoda		Pycnogonida
IU-2011-1906	1	BIOPAPUA	CP3667	Arthropoda		Pycnogonida
IU-2011-2012	1	BIOPAPUA	CP3741	Arthropoda	Pycnogonidae	Pycnogonidae Gen. sp.
IU-2011-2368	1	BIOPAPUA	CP3755	Arthropoda		Pycnogonida
IU-2011-2438	1	BIOPAPUA	CP3743	Arthropoda		Pycnogonida
IU-2011-2539	1	BIOPAPUA	CP3740	Arthropoda		Pycnogonida
IU-2011-2545	1	BIOPAPUA	CP3761	Arthropoda		Pycnogonida
IU-2011-2583	1	BIOPAPUA	DW3696	Arthropoda		Pycnogonida
IU-2011-2666	1	BIOPAPUA	CP3674	Arthropoda		Pycnogonida
IU-2011-2896	1	BIOPAPUA	CP3747	Arthropoda		Pycnogonida
IU-2011-3095	1	BIOPAPUA	CP3762	Arthropoda		Pycnogonida
IU-2011-3237	1	BIOPAPUA	CP3686	Arthropoda	Pycnogonidae	Pycnogonidae Gen. sp.
IU-2011-3331	1	BIOPAPUA	CP3731	Arthropoda		Pycnogonida
IU-2011-3409	1	BIOPAPUA	DW3754	Arthropoda	Pycnogonidae	Pycnogonidae Gen. sp.
IU-2011-3534	1	BIOPAPUA	CP3676	Arthropoda		Pycnogonida
IU-2011-3811	1	BIOPAPUA	CP3724	Arthropoda		Pycnogonida
IU-2011-1945	1	BIOPAPUA	CP3701	Arthropoda	Iphiculidae	Iphiculidae
IU-2011-5198	1	BIOPAPUA	DW3751	Arthropoda	Styloactylidae	<i>Styloactylus</i> sp.
IU-2011-5980	1	BIOPAPUA	CP3650	Arthropoda	Nematocarcinidae	<i>Nematocarcinus</i> sp.
IU-2011-5981	1	BIOPAPUA	CP3650	Arthropoda	Nematocarcinidae	<i>Nematocarcinus</i> sp.
IU-2011-5982	1	BIOPAPUA	CP3650	Arthropoda	Nematocarcinidae	<i>Nematocarcinus</i> sp.
IU-2011-5983	1	BIOPAPUA	CP3650	Arthropoda	Nematocarcinidae	<i>Nematocarcinus</i> sp.
IU-2011-5984	1	BIOPAPUA	CP3651	Arthropoda	Nematocarcinidae	<i>Nematocarcinus</i> sp.
IU-2011-5985	1	BIOPAPUA	CP3639	Arthropoda	Xanthidae	Xanthidae
IU-2011-5986	1	BIOPAPUA	CP3653	Arthropoda	Parapaguridae	<i>Sympagurus</i> sp.
IU-2011-3455	1	BIOPAPUA	CP3742	Arthropoda	Ethusidae	Ethusidae
IU-2011-3427	1	BIOPAPUA	CP3709	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6003	1	BIOPAPUA	CP3669	Arthropoda	Pylochelidae	<i>Trizocheles brevicaulis</i> (Boas, 1926)
IU-2011-6004	1	BIOPAPUA	CP3679	Arthropoda	Ethusidae	<i>Ethusina gracilipes</i> (Miers, 1886)
IU-2011-6005	1	BIOPAPUA	CP3729	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6006	1	BIOPAPUA	CP3635	Arthropoda	Pylochelidae	<i>Xylocheles miersi</i> (Alcock & Anderson, 1899)
IU-2011-3104	10	BIOPAPUA	CP3646	Arthropoda	Pylochelidae	<i>Bathycheles integer</i> (Forest, 1987)
IU-2011-3471	3	BIOPAPUA	CP3689	Arthropoda	Pylochelidae	<i>Trizocheles loquax</i> Forest, 1987
IU-2011-6007	1	BIOPAPUA	CP3669	Arthropoda	Pylochelidae	<i>Trizocheles brevicaulis</i> (Boas, 1926)
IU-2011-2654	6	BIOPAPUA	CP3646	Arthropoda	Pylochelidae	<i>Bathycheles integer</i> (Forest, 1987)
IU-2011-6008	1	BIOPAPUA	CP3677	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6009	5	BIOPAPUA	CP3667	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6010	2	BIOPAPUA	CP3729	Arthropoda	Pylochelidae	<i>Bathycheles integer</i> (Forest, 1987)
IU-2011-6011	1	BIOPAPUA	CP3682	Arthropoda	Homolidae	Homolidae
IU-2011-6012	6	BIOPAPUA	CP3629	Arthropoda	Pylochelidae	<i>Xylocheles miersi</i> (Alcock & Anderson, 1899)
IU-2011-3436	7	BIOPAPUA	CP3674	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-2790	11	BIOPAPUA	CP3646	Arthropoda	Pylochelidae	<i>Bathycheles integer</i> (Forest, 1987)
IU-2011-6013	2	BIOPAPUA	CP3731	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6014	1	BIOPAPUA	CP3631	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6015	3	BIOPAPUA	CP3689	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-2880	7	BIOPAPUA	CP3679	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6016	1	BIOPAPUA	CP3652	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-3000	8	BIOPAPUA	CP3636	Arthropoda	Pylochelidae	<i>Bathycheles integer</i> (Forest, 1987)
IU-2011-3479	9	BIOPAPUA	CP3645	Arthropoda	Pylochelidae	<i>Xylocheles miersi</i> (Alcock & Anderson, 1899)
IU-2011-6017	6	BIOPAPUA	CP3629	Arthropoda	Pylochelidae	<i>Xylocheles miersi</i> (Alcock & Anderson, 1899)
IU-2011-6018	2	BIOPAPUA	CP3681	Arthropoda	Cirripedia	
IU-2011-6019	1	BIOPAPUA	CP3670	Arthropoda	Goneplacidae	Carcinoplax sp.
IU-2011-6020	1	BIOPAPUA	CP3707	Arthropoda	Cyclodorippidae	Cyclodorippidae
IU-2011-6021	1	BIOPAPUA	CP3679	Arthropoda	Pylochelidae	<i>Bathycheles integer</i> (Forest, 1987)
IU-2011-3446	8	BIOPAPUA	CP3708	Arthropoda	Pylochelidae	<i>Bathycheles integer</i> (Forest, 1987)
IU-2011-6022	7	BIOPAPUA	CP3631	Arthropoda	Pylochelidae	<i>Bathycheles integer</i> (Forest, 1987)
IU-2011-3482	1	BIOPAPUA	CP3774	Arthropoda	Pylochelidae	<i>Bathycheles integer</i> (Forest, 1987)
IU-2011-6023	2	BIOPAPUA	CP3728	Arthropoda	Pylochelidae	<i>Bathycheles integer</i> (Forest, 1987)
IU-2011-3122	1	BIOPAPUA	CP3666	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6024	2	BIOPAPUA	CP3672	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6025	2	BIOPAPUA	DW3675	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-3440	4	BIOPAPUA	CP3651	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-3130	3	BIOPAPUA	CP3730	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-3419	3	BIOPAPUA	CP3714	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-3123	2	BIOPAPUA	CP3638	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-3412	7	BIOPAPUA	CP3666	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6026	1	BIOPAPUA	CP3631	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-3793	1	BIOPAPUA	CP3648	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6027	6	BIOPAPUA	CP3707	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6028	8	BIOPAPUA	CP3632	Arthropoda	Pylochelidae	<i>Bathycheles incisus</i> (Forest, 1987)
IU-2011-6029	8	BIOPAPUA	CP3646	Arthropoda	Pylochelidae	<i>Xylocheles miersi</i> (Alcock & Anderson, 1899)
IU-2011-6030	1	BIOPAPUA	CP3693	Arthropoda	Pylochelidae	<i>Xylocheles miersi</i> (Alcock & Anderson, 1899)
IU-2011-6031	3	BIOPAPUA	CP3645	Arthropoda	Paguridae	<i>Xylopagurus</i> sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IU-2011-2890	3	BIO PAPUA	CP3646	Arthropoda	Paguridae	Xylopagurus philippensis Forest
IU-2011-6032	1	BIO PAPUA	CP3692	Arthropoda	Pylochelidae	Trizochelus brevicaulis (Boas, 1926)
IU-2011-6033	1	BIO PAPUA	CP3655	Arthropoda	Pylochelidae	Trizochelus brevicaulis (Boas, 1926)
IU-2011-6034	8	BIO PAPUA	CP3636	Arthropoda	Pylochelidae	Bathycheles integer (Forest, 1987)
IU-2011-6035	1	BIO PAPUA	CP3637	Arthropoda	Pylochelidae	Bathycheles integer (Forest, 1987)
IU-2011-6036	1	BIO PAPUA	CP3647	Arthropoda	Pylochelidae	Bathycheles integer (Forest, 1987)
IU-2011-6037	1	BIO PAPUA	CP3634	Arthropoda	Pylochelidae	Xylocheles miersi (Alcock & Anderson, 1899)
IU-2011-6038	3	BIO PAPUA	CP3645	Arthropoda	Paguridae	Xylopagurus philippensis Forest
IU-2011-6039	4	BIO PAPUA	CP3633	Arthropoda	Paguridae	Xylopagurus philippensis Forest
IU-2011-6040	2	BIO PAPUA	CP3707	Arthropoda	Paguridae	Xylopagurus philippensis Forest
IU-2011-3415	8	BIO PAPUA	CP3633	Arthropoda	Pylochelidae	Xylocheles miersi (Alcock & Anderson, 1899)
IU-2011-2700	1	BIO PAPUA	CP3701	Arthropoda	Pylochelidae	Xylocheles miersi (Alcock & Anderson, 1899)
IU-2011-6041	1	BIO PAPUA	CP3655	Arthropoda	Pylochelidae	Trizochelus vaubanæ McLaughlin & Lemaître, 2008
IU-2011-6042	1	BIO PAPUA	CP3679	Arthropoda	Axiidae	Anopthalma maxius sp.
IU-2011-6043	1	BIO PAPUA	CP3679	Arthropoda	Trichopeltariidae	Podocatactes sp.
IU-2011-6044	1	BIO PAPUA	CP3670	Arthropoda	Cyclodorippidae	Tymolus sp.
IU-2011-6045	1	BIO PAPUA	CP3631	Arthropoda	Goneplacidae	Carcinoplax sp.
IU-2011-6046	10	BIO PAPUA	CP3713	Arthropoda		Cirripedia
IU-2011-6047	1	BIO PAPUA	CP3711	Arthropoda		Cirripedia
IU-2011-6048	1	BIO PAPUA	CP3707	Arthropoda		Cirripedia
IU-2011-6049	1	BIO PAPUA	CP3709	Arthropoda		Cirripedia
IU-2011-6050	1	BIO PAPUA	CP3778	Arthropoda		Cirripedia
IU-2011-6051	1	BIO PAPUA	CP3714	Arthropoda		Cirripedia
IU-2011-2874	1	BIO PAPUA	CP3638	Arthropoda	Axiidae	Cirripedia
IU-2011-3923	1	BIO PAPUA	CP3707	Arthropoda		Cirripedia
IU-2011-6052	1	BIO PAPUA	CP3709	Arthropoda		Cirripedia
IU-2011-6053	1	BIO PAPUA	CP3731	Arthropoda		Cirripedia
IU-2011-6054	1	BIO PAPUA	CP3636	Arthropoda	Callianassidae	Paraxius sp.
IU-2011-6055	1	BIO PAPUA	CP3729	Arthropoda	Axiidae	Callianassidae
IE-2007-3189	1	BIO PAPUA	CP3724	Arthropoda	Goniasteridae	Anopthalma maxius sp.
IE-2007-3105	3	BIO PAPUA	DW3753	Arthropoda	Goniasteridae	Goniasteridae sp.
IE-2007-3099	1	BIO PAPUA	CP3761	Arthropoda	Goniasteridae	Ceramaster sp.
IE-2007-3143	3	BIO PAPUA	CP3760	Echinodermata	Goniasteridae	Ceramaster sp.
IE-2007-3275	1	BIO PAPUA	CP3657	Echinodermata	Brisingidae	Brisingidae sp.
IE-2007-3180	1	BIO PAPUA	CP3737	Echinodermata	Goniasteridae	Plinthaster sp.
IE-2007-3208	1	BIO PAPUA	DW3732	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3093	1	BIO PAPUA	CP3743	Echinodermata	Goniasteridae	Ceramaster sp.
IE-2007-3199	1	BIO PAPUA	CP3724	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3107	1	BIO PAPUA	CP3731	Echinodermata	Asteroidea Gen. sp.	Asteroidea Gen. sp.
IE-2007-4385	4	BIO PAPUA	DW3732	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3396	1	BIO PAPUA	DW3751	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3387	1	BIO PAPUA	DW3738	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3397	12	BIO PAPUA	DW3770	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3395	24	BIO PAPUA	DW3754	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3390	8	BIO PAPUA	DW3732	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-4387	3	BIO PAPUA	DW3641	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3389	1	BIO PAPUA	DW3688	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3392	3	BIO PAPUA	CP3762	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3391	6	BIO PAPUA	DW3753	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3379	1	BIO PAPUA	DW3734	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3398	1	BIO PAPUA	CP3759	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3375	1	BIO PAPUA	DW3773	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3377	3	BIO PAPUA	CP3761	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3385	2	BIO PAPUA	CP3670	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3370	1	BIO PAPUA	CP3691	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3382	1	BIO PAPUA	CP3629	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3372	1	BIO PAPUA	CP3655	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3381	1	BIO PAPUA	CP3739	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3373	3	BIO PAPUA	CP3659	Echinodermata	Spatangoidea sp.	Echinoidea sp. (irrégulier)
IE-2007-3376	1	BIO PAPUA	DW3748	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4380	1	BIO PAPUA	CP3721	Echinodermata	Spatangoidea sp.	Echinoidea sp. (irrégulier)
IE-2007-3371	1	BIO PAPUA	CP3654	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4373	1	BIO PAPUA	CP3645	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3383	1	BIO PAPUA	CP3665	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4379	1	BIO PAPUA	CP3667	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4390	3	BIO PAPUA	CP3669	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3378	1	BIO PAPUA	CP3645	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4377	1	BIO PAPUA	CP3707	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3374	1	BIO PAPUA	DW3738	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4381	1	BIO PAPUA	CP3718	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4384	1	BIO PAPUA	DW3641	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4376	5	BIO PAPUA	CP3704	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4378	1	BIO PAPUA	CP3704	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4389	1	BIO PAPUA	CP3704	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4375	6	BIO PAPUA	CP3703	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3393	3	BIO PAPUA	DW3768	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3394	4	BIO PAPUA	DW3757	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3380	1	BIO PAPUA	DW3733	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3388	4	BIO PAPUA	DW3748	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-3386	2	BIO PAPUA	CP3760	Echinodermata	Fibulariididae	Echinocyamus sp.
IE-2007-4386	1	BIO PAPUA	CP3670	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4382	1	BIO PAPUA	CP3778	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4383	1	BIO PAPUA	CP3693	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-3384	2	BIO PAPUA	DW3720	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4388	2	BIO PAPUA	CP3693	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IE-2007-4374	2	BIO PAPUA	CP3667	Echinodermata	Echinoidea sp. (irrégulier)	Echinoidea sp. (irrégulier)
IU-2008-20690	2	BIO PAPUA	CP3728	Echinodermata	Cymothoidae	Cymothoidae
IU-2008-20691	1	BIO PAPUA	CP3759	Echinodermata	Pennellidae	Cardiodescts sp.
IM-2009-22764	1	BIO PAPUA	CP3630	Echinodermata	Cancellariidae	Cancellariidae sp.
IM-2009-22765	1	BIO PAPUA	CP3630	Arthropoda	Cancellariidae	Cancellariidae sp.
IM-2009-22766	1	BIO PAPUA	CP3630	Arthropoda	Cancellariidae	Cancellariidae sp.
IM-2009-22767	1	BIO PAPUA	CP3636	Mollusca	Cancellariidae	Cancellariidae sp.
IM-2009-22768	1	BIO PAPUA	CP3631	Mollusca	Cancellariidae	Cancellariidae sp.
IM-2009-22769	1	BIO PAPUA	CP3629	Mollusca	Cancellariidae	Cancellariidae sp.
IM-2009-22774	1	BIO PAPUA	CP3629	Mollusca	Cancellariidae	Cancellariidae sp.
IM-2009-22775	1	BIO PAPUA	DW3733	Mollusca	Cancellariidae	Cancellariidae sp.
IM-2009-22793	1	BIO PAPUA	CP3701	Mollusca	Muricidae	Muricidae sp.
IM-2009-22799	1	BIO PAPUA	CP3629	Mollusca	Muricidae	Muricidae sp.
IM-2009-22802	1	BIO PAPUA	CP3629	Mollusca	Muricidae	Muricidae sp.
IE-2007-3140	5	BIO PAPUA	DW3748	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-2783	1	BIO PAPUA	CP3709	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-2782	1	BIO PAPUA	CP3692	Echinodermata	Goniasteridae	Nymphaster sp.
IE-2007-3108	1	BIO PAPUA	CP3690	Echinodermata		Astroidea Gen. sp.
IE-2007-3146	1	BIO PAPUA	DW3748	Echinodermata	Goniasteridae	Astroceramus sp.
IE-2007-2796	1	BIO PAPUA	CP3670	Echinodermata	Goniasteridae	Astroidea Gen. sp.
IE-2007-3145	7	BIO PAPUA	CP3755	Echinodermata	Goniasteridae	Ceramaster sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IE-2007-2785	1	BIO PAPUA	CP3709	Echinodermata		Asteroidea Gen. sp.
IE-2007-2774	3	BIO PAPUA	CP3692	Echinodermata	Goniasteridae	Anthenoides sp.
IE-2007-3115	22	BIO PAPUA	CP3700	Echinodermata		Asteroidea Gen. sp.
IE-2007-3110	18	BIO PAPUA	CP3742	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-2789	1	BIO PAPUA	CP3689	Echinodermata		Asteroidea Gen. sp.
IE-2007-3100	1	BIO PAPUA	CP3755	Echinodermata	Luidiidae	Luidia sp.
IE-2007-3152	1	BIO PAPUA	CP3670	Echinodermata		Asteroidea Gen. sp.
IE-2007-3102	1	BIO PAPUA	CP3693	Echinodermata		Asteroidea Gen. sp.
IE-2007-3113	2	BIO PAPUA	CP3740	Echinodermata	Goniasteridae	Nymphaster sp.
IE-2007-3138	28	BIO PAPUA	CP3709	Echinodermata		Asteroidea Gen. sp.
IE-2007-3092	1	BIO PAPUA	CP3709	Echinodermata	Luidiidae	Luidia sp.
IE-2007-2784	1	BIO PAPUA	CP3709	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3117	3	BIO PAPUA	CP3693	Echinodermata	Pseudarchasteridae	Paragonaster sp.
IE-2007-3091	12	BIO PAPUA	CP3674	Echinodermata		Asteroidea Gen. sp.
IE-2007-2786	1	BIO PAPUA	CP3695	Echinodermata		Asteroidea Gen. sp.
IE-2007-3131	8	BIO PAPUA	CP3744	Echinodermata		Asteroidea Gen. sp.
IE-2007-3130	1	BIO PAPUA	CP3691	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3095	3	BIO PAPUA	CP3709	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3153	2	BIO PAPUA	CP3760	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3126	1	BIO PAPUA	CP3672	Echinodermata		Asteroidea Gen. sp.
IE-2007-3157	2	BIO PAPUA	CP3723	Echinodermata		Asteroidea Gen. sp.
IE-2007-3165	3	BIO PAPUA	CP3760	Echinodermata		Asteroidea Gen. sp.
IE-2007-3096	1	BIO PAPUA	CP3760	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-2788	1	BIO PAPUA	CP3707	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3121	1	BIO PAPUA	CP3743	Echinodermata		Asteroidea Gen. sp.
IE-2007-3116	1	BIO PAPUA	CP3756	Echinodermata		Asteroidea Gen. sp.
IE-2007-2780	1	BIO PAPUA	CP3709	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3148	1	BIO PAPUA	DW3720	Echinodermata	Luidiidae	Luidia sp.
IE-2007-3133	1	BIO PAPUA	DW3748	Echinodermata		Asteroidea Gen. sp.
IE-2007-3155	2	BIO PAPUA	CP3760	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3097	1	BIO PAPUA	CP3760	Echinodermata	Luidiidae	Luidia sp.
IE-2007-2791	1	BIO PAPUA	CP3709	Echinodermata		Asteroidea Gen. sp.
IE-2007-3119	1	BIO PAPUA	CP3674	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3112	1	BIO PAPUA	CP3674	Echinodermata		Asteroidea Gen. sp.
IE-2007-3147	1	BIO PAPUA	CP3744	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3098	4	BIO PAPUA	CP3750	Echinodermata	Goniasteridae	Ceramaster sp.
IE-2007-3090	3	BIO PAPUA	CP3692	Echinodermata		Asteroidea Gen. sp.
IE-2007-3128	2	BIO PAPUA	CP3695	Echinodermata		Asteroidea Gen. sp.
IE-2007-2776	1	BIO PAPUA	CP3708	Echinodermata		Asteroidea Gen. sp.
IE-2007-3103	1	BIO PAPUA	CP3689	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3149	1	BIO PAPUA	CP3731	Echinodermata		Asteroidea Gen. sp.
IE-2007-2790	2	BIO PAPUA	CP3707	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-2794	1	BIO PAPUA	CP3695	Echinodermata	Pterasteridae	Hymenaster sp.
IE-2007-3094	2	BIO PAPUA	CP3690	Echinodermata		Asteroidea Gen. sp.
IE-2007-3109	2	BIO PAPUA	CP3674	Echinodermata		Asteroidea Gen. sp.
IE-2007-3129	1	BIO PAPUA	CP3723	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3151	2	BIO PAPUA	CP3729	Echinodermata		Asteroidea Gen. sp.
IE-2007-3136	6	BIO PAPUA	CP3693	Echinodermata		Asteroidea Gen. sp.
IE-2007-3141	5	BIO PAPUA	CP3718	Echinodermata		Asteroidea Gen. sp.
IE-2007-3114	25	BIO PAPUA	CP3693	Echinodermata		Asteroidea Gen. sp.
IE-2007-3166	1	BIO PAPUA	CP3760	Echinodermata		Asteroidea Gen. sp.
IE-2007-3154	1	BIO PAPUA	DW3753	Echinodermata		Asteroidea Gen. sp.
IE-2007-3118	4	BIO PAPUA	CP3674	Echinodermata		Asteroidea Gen. sp.
IE-2007-3142	2	BIO PAPUA	CP3736	Echinodermata		Asteroidea Gen. sp.
IE-2007-3125	1	BIO PAPUA	CP3692	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-2779	3	BIO PAPUA	CP3671	Echinodermata		Asteroidea Gen. sp.
IE-2007-3158	3	BIO PAPUA	CP3713	Echinodermata		Asteroidea Gen. sp.
IE-2007-3106	5	BIO PAPUA	CP3742	Echinodermata		Asteroidea Gen. sp.
IE-2007-2773	1	BIO PAPUA	CP3742	Echinodermata		Asteroidea Gen. sp.
IE-2007-3132	1	BIO PAPUA	CP3691	Echinodermata		Asteroidea Gen. sp.
IE-2007-3161	4	BIO PAPUA	CP3760	Echinodermata		Asteroidea Gen. sp.
IE-2007-3164	2	BIO PAPUA	CP3742	Echinodermata		Asteroidea Gen. sp.
IE-2007-2787	1	BIO PAPUA	CP3709	Echinodermata		Asteroidea Gen. sp.
IE-2007-3101	11	BIO PAPUA	CP3742	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3167	1	BIO PAPUA	DW3734	Echinodermata		Asteroidea Gen. sp.
IE-2007-2778	1	BIO PAPUA	CP3689	Echinodermata		Asteroidea Gen. sp.
IE-2007-3111	1	BIO PAPUA	CP3674	Echinodermata		Asteroidea Gen. sp.
IE-2007-3187	1	BIO PAPUA	DW3719	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-2792	1	BIO PAPUA	CP3690	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3163	1	BIO PAPUA	CP3755	Echinodermata		Asteroidea Gen. sp.
IE-2007-2781	1	BIO PAPUA	CP3670	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3104	1	BIO PAPUA	CP3689	Echinodermata	Brisingidae	Brisingidae sp.
IE-2007-3124	10	BIO PAPUA	CP3760	Echinodermata		Asteroidea Gen. sp.
IE-2007-2777	1	BIO PAPUA	CP3660	Echinodermata		Asteroidea Gen. sp.
IE-2007-3134	1	BIO PAPUA	CP3713	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3144	1	BIO PAPUA	CP3743	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3127	1	BIO PAPUA	CP3740	Echinodermata		Asteroidea Gen. sp.
IE-2007-3122	1	BIO PAPUA	CP3747	Echinodermata		Asteroidea Gen. sp.
IE-2007-3156	1	BIO PAPUA	CP3760	Echinodermata		Asteroidea Gen. sp.
IE-2007-3137	1	BIO PAPUA	DW3748	Echinodermata		Asteroidea Gen. sp.
IE-2007-2775	2	BIO PAPUA	CP3671	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3159	5	BIO PAPUA	CP3736	Echinodermata		Asteroidea Gen. sp.
IE-2007-3150	15	BIO PAPUA	CP3742	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3139	7	BIO PAPUA	CP3760	Echinodermata	Pterasteridae	Hymenaster sp.
IE-2007-3123	2	BIO PAPUA	CP3689	Echinodermata		Asteroidea Gen. sp.
IE-2007-3120	6	BIO PAPUA	CP3708	Echinodermata		Asteroidea Gen. sp.
IE-2007-3160	1	BIO PAPUA	CP3723	Echinodermata		Asteroidea Gen. sp.
IE-2007-2793	1	BIO PAPUA	CP3689	Echinodermata	Pterasteridae	Hymenaster sp.
IE-2007-3135	1	BIO PAPUA	DW3753	Echinodermata	Pterasteridae	Hymenaster sp.
IM-2009-22830	1	BIO PAPUA	DW3758	Mollusca	Muricidae	Muricidae sp.
IE-2007-5724	1	BIO PAPUA	CP3740	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-2795	1	BIO PAPUA	CP3709	Echinodermata		Asteroidea Gen. sp.
IM-2009-22831	1	BIO PAPUA	CP3755	Mollusca	Muricidae	Muricidae sp.
IM-2009-22832	1	BIO PAPUA	CP3708	Mollusca	Muricidae	Muricidae sp.
IM-2009-22833	1	BIO PAPUA	DW3719	Mollusca	Muricidae	Muricidae sp.
IE-2007-3016	1	BIO PAPUA	DW3745	Mollusca		Asteroidea Gen. sp.
IE-2007-3025	1	BIO PAPUA	CP3670	Mollusca	Goniasteridae	Astroceramus sp.
IE-2007-3034	2	BIO PAPUA	CP3670	Mollusca	Goniasteridae	Nymphaster sp.
IE-2007-3033	3	BIO PAPUA	CP3762	Echinodermata	Goniasteridae	Ceramaster sp.
IE-2007-3006	29	BIO PAPUA	CP3712	Echinodermata		Asteroidea Gen. sp.
IE-2007-3057	2	BIO PAPUA	CP3739	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3064	1	BIO PAPUA	CP3737	Echinodermata		Asteroidea Gen. sp.
IE-2007-3065	6	BIO PAPUA	CP3632	Echinodermata	Pterasteridae	Hymenaster sp.
IE-2007-3023	1	BIO PAPUA	CP3667	Echinodermata	Luidiidae	Luidia sp.
IE-2007-3024	2	BIO PAPUA	CP3731	Echinodermata		Asteroidea Gen. sp.
IE-2007-3005	1	BIO PAPUA	DW3745	Echinodermata	Zoroasteridae	Zoroasteridae sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IE-2007-3031	1	BIOPAPUA	DW3749	Echinodermata	Goniasteridae	Nymphaster sp.
IE-2007-3046	1	BIOPAPUA	CP3761	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3009	1	BIOPAPUA	CP3672	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3002	1	BIOPAPUA	CP3670	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3011	4	BIOPAPUA	NO DATA	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3007	18	BIOPAPUA	DW3745	Echinodermata	Goniasteridae	Ceramaster sp.
IE-2007-3060	1	BIOPAPUA	CP3761	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3022	1	BIOPAPUA	CP3670	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3004	2	BIOPAPUA	DW3734	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3030	4	BIOPAPUA	CP3739	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3041	2	BIOPAPUA	DW3640	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3018	2	BIOPAPUA	CP3670	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3086	6	BIOPAPUA	CP3740	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3058	1	BIOPAPUA	CP3692	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3067	4	BIOPAPUA	CP3742	Echinodermata	Brisingidae	Brisingidae sp.
IE-2007-3075	1	BIOPAPUA	DW3758	Echinodermata	Brisingidae	Brisingidae sp.
IE-2007-3082	1	BIOPAPUA	CP3742	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3045	7	BIOPAPUA	DW3733	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3032	1	BIOPAPUA	CP3731	Echinodermata	Luidiidae	Luidia sp.
IE-2007-3081	6	BIOPAPUA	DW3748	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3055	2	BIOPAPUA	CP3761	Echinodermata	Pterasteridae	Hymenaster sp.
IE-2007-3039	2	BIOPAPUA	CP3761	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3038	1	BIOPAPUA	CP3690	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3042	1	BIOPAPUA	CP3761	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3059	17	BIOPAPUA	CP3739	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3072	3	BIOPAPUA	CP3741	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3056	1	BIOPAPUA	DW3745	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3068	3	BIOPAPUA	DW3734	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3080	18	BIOPAPUA	DW3748	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3047	1	BIOPAPUA	CP3731	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3003	1	BIOPAPUA	CP3712	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3008	11	BIOPAPUA	CP3761	Echinodermata	Goniasteridae	Ceramaster sp.
IE-2007-3076	6	BIOPAPUA	CP3739	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3043	1	BIOPAPUA	CP3632	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3014	1	BIOPAPUA	CP3739	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3035	1	BIOPAPUA	DW3680	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3052	2	BIOPAPUA	CP3674	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3013	1	BIOPAPUA	CP3690	Echinodermata	Goniasteridae	Ceramaster sp.
IE-2007-3063	1	BIOPAPUA	CP3744	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3083	1	BIOPAPUA	CP3756	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3070	1	BIOPAPUA	DW3770	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3012	1	BIOPAPUA	CP3724	Echinodermata	Zoroasteridae	Zoroasteridae sp.
IE-2007-3062	1	BIOPAPUA	DW3770	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3088	2	BIOPAPUA	CP3729	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3089	1	BIOPAPUA	CP3632	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3036	1	BIOPAPUA	DW3734	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3021	1	BIOPAPUA	CP3759	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3077	1	BIOPAPUA	DW3738	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3017	1	BIOPAPUA	CP3690	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3037	6	BIOPAPUA	CP3774	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3048	3	BIOPAPUA	DW3732	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3051	1	BIOPAPUA	CP3762	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3071	1	BIOPAPUA	CP3759	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3019	1	BIOPAPUA	DW3734	Echinodermata	Goniasteridae	Astroceramus sp.
IE-2007-3069	1	BIOPAPUA	CP3744	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3010	1	BIOPAPUA	CP3672	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3050	1	BIOPAPUA	CP3761	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3078	1	BIOPAPUA	CP3729	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3085	1	BIOPAPUA	CP3742	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3084	1	BIOPAPUA	CP3736	Echinodermata	Pterasteridae	Hymenaster sp.
IE-2007-3054	1	BIOPAPUA	CP3761	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3028	1	BIOPAPUA	CP3670	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3027	17	BIOPAPUA	CP3731	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3020	1	BIOPAPUA	CP3632	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3074	1	BIOPAPUA	CP3739	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3026	1	BIOPAPUA	CP3670	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3044	1	BIOPAPUA	CP3653	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3066	1	BIOPAPUA	CP3645	Echinodermata	Goniasteridae	Ceramaster sp.
IE-2007-3029	3	BIOPAPUA	CP3774	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3053	1	BIOPAPUA	CP3761	Echinodermata	Brisingidae	Brisingidae sp.
IE-2007-3079	1	BIOPAPUA	CP3692	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3073	8	BIOPAPUA	DW3732	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3015	10	BIOPAPUA	CP3761	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3087	1	BIOPAPUA	CP3756	Echinodermata	Zoroasteridae	Astroidea Gen. sp.
IE-2007-3061	3	BIOPAPUA	CP3761	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-3049	1	BIOPAPUA	DW3745	Echinodermata	Goniasteridae	Goniasteridae sp.
IE-2007-5275	1	BIOPAPUA	DW3745	Echinodermata	Ophiuroidea sp.	Ophiuroidea sp.
IM-2009-22849	1	BIOPAPUA	CP3646	Mollusca	Muricidae	Muricidae sp.
IM-2009-22850	1	BIOPAPUA	CP3633	Mollusca	Muricidae	Muricidae sp.
IM-2009-22851	1	BIOPAPUA	CP3631	Mollusca	Muricidae	Muricidae sp.
IM-2009-22852	1	BIOPAPUA	CP3713	Mollusca	Muricidae	Muricidae sp.
IM-2009-22853	1	BIOPAPUA	CP3632	Mollusca	Muricidae	Muricidae sp.
IM-2009-22949	1	BIOPAPUA	CP3709	Mollusca	Muricidae	Muricidae sp.
IM-2009-22961	1	BIOPAPUA	CP3633	Mollusca	Muricidae	Muricidae sp.
IM-2009-22963	1	BIOPAPUA	CP3633	Mollusca	Muricidae	Muricidae sp.
IM-2009-22967	1	BIOPAPUA	CP3633	Mollusca	Muricidae	Muricidae sp.
IA-2010-570	2	BIOPAPUA	CP3630	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-604	1	BIOPAPUA	CP3638	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-630	3	BIOPAPUA	CP3638	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-659	1	BIOPAPUA	CP3645	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-632	1	BIOPAPUA	CP3646	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-681	50	BIOPAPUA	CP3647	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-688	1	BIOPAPUA	CP3647	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-689	7	BIOPAPUA	CP3647	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-691	6	BIOPAPUA	CP3648	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-535	2	BIOPAPUA	CP3651	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-558	3	BIOPAPUA	CP3656	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-559	1	BIOPAPUA	CP3657	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-697	2	BIOPAPUA	CP3670	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-699	1	BIOPAPUA	CP3674	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-700	1	BIOPAPUA	CP3674	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-702	2	BIOPAPUA	CP3679	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-703	50	BIOPAPUA	CP3681	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-704	1	BIOPAPUA	CP3682	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-705	1	BIOPAPUA	CP3692	Annelida	Sipuncula	Sipuncula Gen. sp.
IA-2010-553	1	BIOPAPUA	CP3703	Annelida	Siboglinidae	Escarpia sp.

MNHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IA-2010-543	1	BIO PAPUA	CP3704	Annelida	Siboglinidae	<i>Escarpia</i> sp.
IA-2010-707	1	BIO PAPUA	CP3704	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-708	3	BIO PAPUA	CP3712	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-709	1	BIO PAPUA	CP3724	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-710	11	BIO PAPUA	CP3729	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-712	2	BIO PAPUA	CP3737	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-713	2	BIO PAPUA	CP3737	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-714	2	BIO PAPUA	CP3739	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-715	1	BIO PAPUA	CP3740	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-718	1	BIO PAPUA	CP3743	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-716	2	BIO PAPUA	DW3749	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-717	5	BIO PAPUA	CP3750	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-719	1	BIO PAPUA	CP3755	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-720	3	BIO PAPUA	CP3760	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-721	1	BIO PAPUA	CP3761	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-722	2	BIO PAPUA	CP3761	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-723	1	BIO PAPUA	CP3762	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-727	4	BIO PAPUA	CP3774	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-729	1	BIO PAPUA	CP3778	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-730	4	BIO PAPUA	CP3779	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-731	1	BIO PAPUA	CP3780	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-711	7	BIO PAPUA	DW3732	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-728	2	BIO PAPUA	DW3777	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-579	1	BIO PAPUA	CP3631	Annelida	Phascolosomatidae	<i>Phascolosoma</i> sp.
IA-2010-561	1	BIO PAPUA	CP3664	Annelida	Sipunculidae	<i>Sipunculus</i> sp.
IA-2010-596	1	BIO PAPUA	CP3631	Annelida	Phascolosomatidae	<i>Phascolosoma</i> sp.
IA-2010-568	1	BIO PAPUA	DW3628	Annelida		<i>Sipuncula</i> Gen. sp.
IA-2010-560	1	BIO PAPUA	CP3659	Annelida	Phascolosomatidae	<i>Phascolosoma</i> sp.
IM-2010-22685	2	BIO PAPUA	CP3780	Annelida	Trochidae	<i>Trochidae</i> sp.
IM-2010-22686	28	BIO PAPUA	CP3778	Annelida	Trochidae	<i>Trochidae</i> sp.
IM-2009-23113	1	BIO PAPUA	CP3778	Annelida	Solariellidae	<i>Solariellidae</i> sp.
IM-2009-23114	1	BIO PAPUA	CP3780	Mollusca	Solariellidae	<i>Solariellidae</i> sp.
IM-2009-23115	1	BIO PAPUA	CP3780	Mollusca	Solariellidae	<i>Solariellidae</i> sp.
IM-2009-23116	1	BIO PAPUA	CP3778	Mollusca	Solariellidae	<i>Solariellidae</i> sp.
IM-2009-23117	1	BIO PAPUA	CP3780	Mollusca	Solariellidae	<i>Solariellidae</i> sp.
IM-2009-23118	1	BIO PAPUA	CP3780	Mollusca	Solariellidae	<i>Solariellidae</i> sp.
IM-2009-23119	1	BIO PAPUA	CP3780	Mollusca	Solariellidae	<i>Solariellidae</i> sp.
IM-2009-23125	1	BIO PAPUA	CP3709	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23126	1	BIO PAPUA	CP3709	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23127	1	BIO PAPUA	CP3709	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23128	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23129	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23130	1	BIO PAPUA	CP3778	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23131	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23132	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23134	1	BIO PAPUA	CP3724	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23137	1	BIO PAPUA	CP3724	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23139	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23141	1	BIO PAPUA	DW3765	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23151	1	BIO PAPUA	CP3629	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23152	1	BIO PAPUA	CP3651	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23154	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23155	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23156	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23157	1	BIO PAPUA	NO DATA	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23158	1	BIO PAPUA	CP3778	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23160	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23161	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23162	1	BIO PAPUA	CP3760	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23163	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23164	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23165	1	BIO PAPUA	CP3724	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23166	1	BIO PAPUA	CP3645	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23167	1	BIO PAPUA	CP3778	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23168	1	BIO PAPUA	CP3645	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23170	1	BIO PAPUA	CP3631	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23174	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23175	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23176	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23189	1	BIO PAPUA	CP3645	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23194	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23211	1	BIO PAPUA	CP3681	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23212	1	BIO PAPUA	CP3632	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-23202	1	BIO PAPUA	CP3681	Mollusca	Buccinidae	<i>Buccinidae</i> sp.
IM-2009-24042	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24043	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24044	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24045	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24046	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24047	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24048	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24049	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24050	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24051	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24052	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24053	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24054	1	BIO PAPUA	CP3651	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24055	1	BIO PAPUA	CP3671	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24056	1	BIO PAPUA	CP3690	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24057	1	BIO PAPUA	CP3690	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24058	1	BIO PAPUA	CP3690	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24059	1	BIO PAPUA	CP3744	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24060	1	BIO PAPUA	CP3774	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24061	1	BIO PAPUA	DW3734	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24205	1	BIO PAPUA	DW3758	Mollusca	Seguenziidae	<i>Ancistrobasis</i> sp.
IM-2009-24206	1	BIO PAPUA	DW3754	Mollusca	Calliotropidae	<i>Calliotropis</i> sp.
IM-2009-24207	1	BIO PAPUA	DW3751	Mollusca	Calliotropidae	<i>Spinacalliotropis</i> sp.
IM-2009-24208	1	BIO PAPUA	DW3733	Mollusca	Seguenziidae	<i>Ancistrobasis</i> sp.
IM-2009-24209	1	BIO PAPUA	CP3747	Mollusca	Seguenziidae	<i>Basilissa</i> sp.
IM-2009-24210	1	BIO PAPUA	CP3747	Mollusca	Chilodontidae	<i>Tibatrichus</i> sp.
IM-2009-24211	1	BIO PAPUA	CP3736	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24212	1	BIO PAPUA	CP3736	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24213	1	BIO PAPUA	CP3736	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24214	1	BIO PAPUA	CP3736	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24215	1	BIO PAPUA	CP3736	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.
IM-2009-24216	1	BIO PAPUA	CP3736	Mollusca	Seguenziidae	<i>Seguenzia</i> sp.

MHN number	Nb specimens	Cruise	Station	Phylum	Family	Identification (at species, genus or family level)
IM-2009-24217	1	BIOPAPUA	CP3736	Mollusca	Seguenziidae	Seguenzia sp.
IM-2009-24218	1	BIOPAPUA	CP3729	Mollusca	Seguenziidae	Hadroconus sp.
IM-2009-24219	1	BIOPAPUA	DW3719	Mollusca	Chilodontidae	Danilla sp.
IM-2009-24220	1	BIOPAPUA	CP3710	Mollusca	Calliotropidae	Calliotropis sp.
IM-2009-24221	1	BIOPAPUA	CP3710	Mollusca	Calliotropidae	Calliotropis sp.
IM-2009-24222	1	BIOPAPUA	CP3692	Mollusca	Calliotropidae	Calliotropis sp.
IM-2009-24223	1	BIOPAPUA	CP3669	Mollusca	Choristellidae	Choristella sp.
IM-2009-24224	1	BIOPAPUA	CP3669	Mollusca	Choristellidae	Choristella sp.
IM-2009-24225	1	BIOPAPUA	CP3669	Mollusca	Choristellidae	Choristella sp.
IM-2009-24226	1	BIOPAPUA	CP3650	Mollusca	Calliotropidae	Calliotropis sp.
IM-2009-22671	1	BIOPAPUA	CP3629	Mollusca	Nassariidae	Nassarius sp.
IM-2009-22686	1	BIOPAPUA	CP3723	Mollusca	Nassariidae	Nassarius babylonicus (Watson, 1882)

Station	Temperal No.	Order	Family	Genus	Species	No. of Specimens	Tissue(Y or N)	Photo(Y or N)	Date	TW or to PNG(Voucher)
DW 3628	DW 3628-1	Gadiformes	Bregmacerotidae	Bregmaceros	sp. 1	1	N	Y	22/08/2010	PNG
CP 3629	CP 3629-1-1	Perciformes	Percophidae	Bembrops	caudimacula	1	Y	Y	22/08/2010	TW
	CP 3629-1-2	Perciformes	Percophidae	Bembrops	caudimacula	1	Y	Y	22/08/2010	TW
	CP 3629-2-1	Pleuronectiformes	Cynoglossidae	Syphurus	bathyphilus	1	Y	Y	22/08/2010	TW
	CP 3629-2-2	Pleuronectiformes	Cynoglossidae	Syphurus	bathyphilus	1	Y	Y	22/08/2010	TW
	CP 3629-2-3	Pleuronectiformes	Cynoglossidae	Syphurus	bathyphilus	1	Y	Y	22/08/2010	TW
	CP 3629-3	Perciformes	Gobiidae	Gen.	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3629-4	Perciformes	Gobiidae	Taenioides	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3629-5-1	Pleuronectiformes	Poecilopsettidae	Poecilopsetta	dorsalata	1	Y	Y	22/08/2010	TW
	CP 3629-5-2	Pleuronectiformes	Poecilopsettidae	Poecilopsetta	dorsalata	1	Y	Y	22/08/2010	TW
	CP 3629-5-3	Pleuronectiformes	Poecilopsettidae	Poecilopsetta	dorsalata	1	Y	Y	22/08/2010	TW
	CP 3629-6-1	Lophiiformes	Lophiidae	Lophioides	seigerus	1	Y	Y	22/08/2010	TW
	CP 3629-6-2	Lophiiformes	Lophiidae	Lophioides	seigerus	1	Y	Y	22/08/2010	TW
	CP 3629-7-1	Pleuronectiformes	Soleidae	Aseraggodes	normani	1	Y	Y	22/08/2010	TW
	CP 3629-7-2	Pleuronectiformes	Soleidae	Aseraggodes	normani	1	Y	Y	22/08/2010	TW
	CP 3629-7-3	Pleuronectiformes	Soleidae	Aseraggodes	normani	1	Y	Y	22/08/2010	TW
	CP 3629-7-4	Pleuronectiformes	Soleidae	Aseraggodes	normani	1	Y	Y	22/08/2010	TW
	CP 3629-8	Scorpaeniformes	Scorpaenidae	Lioscorpius	longiceps	3	Y(2)	Y	22/08/2010	TW
	CP 3629-9-1	Perciformes	Uranoscopidae	Uranoscorpus	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3629-9-2	Perciformes	Uranoscopidae	Uranoscorpus	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3629-10-1	Perciformes	Champsodontidae	Champsodon	longipinis	1	Y	Y	22/08/2010	TW
	CP 3629-10-2	Perciformes	Champsodontidae	Champsodon	longipinis	1	Y	Y	22/08/2010	TW
	CP 3629-10-3	Perciformes	Champsodontidae	Champsodon	longipinis	1	Y	Y	22/08/2010	TW
	CP 3629-11-1	Perciformes	Acropomatidae	Acropoma	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3629-11-2	Perciformes	Acropomatidae	Acropoma	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3629-12	Perciformes	Serranidae	Plectranthias	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3629-13	Perciformes	Serranidae	Chelidoperca	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3629-14	Anguilliformes	Congridae	Ariosoma	sp. 1	1	Y	Y	22/08/2010	TW
CP 3630	CP 3630-1-1	Pleuronectiformes	Cynoglossidae	Syphurus	bathyphilus	1	Y	Y	22/08/2010	TW
	CP 3630-1-2	Pleuronectiformes	Cynoglossidae	Syphurus	bathyphilus	1	Y	Y	22/08/2010	TW
	CP 3630-2	Perciformes	Priacanthidae	Priacanthus	blockii	1	Y	Y	22/08/2010	TW
	CP 3630-3	Scorpaeniformes	Peristediidae	Sutyrichthys	rieffeli	1	Y	Y	22/08/2010	TW
	CP 3630-4	Tetraodontiformes	Triacanthodidae	Triacanthides	ethiops	1	Y	N	22/08/2010	TW
	CP 3630-5-1	Ophidiiformes	Ophidiidae	Neobythites	malayanus	1	Y	Y	22/08/2010	TW
	CP 3630-5-2	Ophidiiformes	Ophidiidae	Neobythites	malayanus	1	Y	Y	22/08/2010	TW
	CP 3630-5-3	Ophidiiformes	Ophidiidae	Neobythites	malayanus	1	Y	Y	22/08/2010	TW
	CP 3630-6-1	Perciformes	Acropomatidae	Synagrops	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3630-6-2	Perciformes	Acropomatidae	Synagrops	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3630-6-3	Perciformes	Acropomatidae	Synagrops	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3630-7-1	Gadiformes	Bregmacerotidae	Bregmaceros	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3630-7-2	Gadiformes	Bregmacerotidae	Bregmaceros	sp. 1	1	Y	N	22/08/2010	TW
	CP 3630-8	Scorpaeniformes	Triglidae	Lepidotrigla	spiloptera	1	Y	Y	22/08/2010	TW
CP 3631	CP 3631-1	Argentiniiformes	Alepocephalidae	Xenoderichthys	copei	1	Y	Y	22/08/2010	TW
CP 3632	CP 3632-1	Aulopiformes	Ipnotidae	Bathypterois	guentheri	1	Y	Y	22/08/2010	PNG
	CP 3632-2	Perciformes	Zoarcidae	Dieidolyicus	adocetus	1	Y	Y	22/08/2010	TW
	CP 3632-3	Albuliformes	Halosauridae	Halosaurus	ridgwayi	1	Y	Y	22/08/2010	TW
CP 3633	CP 3633-1	Pleuronectiformes	Cynoglossidae	Syphurus	sp. 1	1	Y	Y	22/08/2010	TW
	CP 3633-2-1	Stomiiformes	Sternopychidae	Polyipnus	parini	1	Y	Y	22/08/2010	TW
	CP 3633-2-2	Stomiiformes	Sternopychidae	Polyipnus	parini	1	Y	Y	22/08/2010	TW
	CP 3633-2-3	Stomiiformes	Sternopychidae	Polyipnus	parini	1	Y	Y	22/08/2010	TW
	CP 3633-3-1	Squaliformes	Etmopteridae	Etmopterus	mollerii	1	Y	Y	22/08/2010	TW
	CP 3633-3-2	Squaliformes	Etmopteridae	Etmopterus	mollerii	1	Y	Y	22/08/2010	TW
	CP 3633-3-3	Squaliformes	Etmopteridae	Etmopterus	mollerii	1	Y	Y	22/08/2010	TW
	CP 3633-4	Perciformes	Percophidae	Bembrops	caudimacula	1	Y	Y	22/08/2010	TW
	CP 3633-5	Mystophiformes	Neoscopelidae	Neoscopelus	microchir	1	Y	Y	22/08/2010	TW
Cp 3634	CP 3634-1	Pleuronectiformes	Soleidae	Aseraggodes	normani	2	N	Y	23/08/2010	TW
	CP 3634-2	Perciformes	Champsodontidae	Champsodon	pantolepis	3	Y(2)	Y	23/08/2010	TW
	CP 3634-3	Beryciformes	Trachichthyidae	Hoplostethus	sp. 1	1	Y	Y	23/08/2010	TW
	CP 3634-4	Perciformes	Uranoscopidae	Uranoscorpus	sp. 1	1	Y	Y	23/08/2010	TW
	CP 3634-5-1	Pleuronectiformes	Bothidae	Arnoglossus	debilis	1	Y	Y	23/08/2010	TW
	CP 3634-5-2	Pleuronectiformes	Bothidae	Arnoglossus	debilis	1	Y	Y	23/08/2010	TW
	CP 3634-6	Pleuronectiformes	Poecilopsettidae	Poecilopsetta	megalepis	1	Y	Y	23/08/2010	TW
	CP 3634-7	Perciformes	Percophidae	Bembrops	caudimacula	1	Y	Y	23/08/2010	TW
CP 3635	CP 3635-1	Perciformes	Cepolidae	Owstonia	sp. 1	1	Y	Y	23/08/2010	TW
	CP 3635-2	Perciformes	Cepolidae	Sphenanthius	pectinifer	1	Y	Y	23/08/2010	TW
	CP 3635-3	Torpediniformes	Narcinidae	Narcine	nelsoni	1	Y	Y	23/08/2010	TW
	CP 3635-4-1	Pleuronectiformes	Samaridae	Samariscus	sunieri	1	Y	Y	23/08/2010	TW
	CP 3635-4-2	Pleuronectiformes	Samaridae	Samariscus	sunieri	1	Y	Y	23/08/2010	TW
	CP 3635-5-1	Perciformes	Gobiidae	Gen.	sp. 1	1	Y	Y	23/08/2010	TW
	CP 3635-5-2	Perciformes	Gobiidae	Gen.	sp. 1	1	Y	Y	23/08/2010	TW
	CP 3635-6	Perciformes	Callionymidae	Foetorepus	masudai	1	Y	Y	23/08/2010	TW
	CP 3635-7-1	Perciformes	Percophidae	Bembrops	sp. 1	1	Y	Y	23/08/2010	TW
	CP 3635-7-2	Aulopiformes	Chlorophthalmidae	Chlorophthalmus	sp. 1	1	Y	Y	23/08/2010	TW
	CP 3635-8	Pleuronectiformes	Bothidae	Arnoglossus	debilis	3	N	N	23/08/2010	TW
CP 3636	CP 3636-1	Ophidiiformes	Ophidiidae	Glyptophidium	oceanium	1	Y	Y	23/08/2010	TW
	CP 3636-2	Pleuronectiformes	Bothidae	Neolaeops	microphthalmus	1	Y	Y	23/08/2010	TW
	CP 3636-3	Perciformes	Ostracoberycidae	Ostracoberyx	dorygenys	1	Y	Y	23/08/2010	TW
	CP 3636-4	Beryciformes	Anomalopidae	Anomalops	katoptron	1	Y	Y	23/08/2010	TW
	CP 3636-5	Pleuronectiformes	Cynoglossidae	Syphurus	sp. 2	1	Y	Y	23/08/2010	TW
	CP 3636-6	Pleuronectiformes	Cynoglossidae	Syphurus	sp. 3	1	Y	Y	23/08/2010	TW
	CP 3636-7	Lophiiformes	Chaunidae	Chaunax	sp. 1	1	Y	Y	23/08/2010	TW
	CP 3636-8	Gadiformes	Macrouridae	Ventrifossa	nigrodorsalis	1	Y	Y	23/08/2010	TW
	CP 3636-9	Perciformes	Nomeidae	Cubiceps	whiteleggi	1	Y	Y	23/08/2010	TW
	CP 3636-10	Scorpaeniformes	Scorpaenidae	Setarches	longimanus	3	Y	N	23/08/2010	TW
	CP 3636-10-1	Scorpaeniformes	Scorpaenidae	Setarches	longimanus	1	Y	Y	23/08/2010	TW
	CP 3636-10-2	Scorpaeniformes	Scorpaenidae	Setarches	longimanus	1	Y	Y	23/08/2010	TW
	CP 3636-11	Pleuronectiformes	Poecilopsettidae	Poecilopsetta	dorsalata	1	N	N	23/08/2010	TW
CP 3637	CP 3637-1	Beryciformes	Diretmidae	Diretmoides	pauciradiatus	1	Y	Y	23/08/2010	TW
	CP 3637-2	Anguilliformes	Colocongridae	Coloconger	sardanhai	1	Y	Y	23/08/2010	TW
	CP 3637-3	Lophiiformes	Ogocephalidae	Halieutaea	sp. 1	1	Y	Y	23/08/2010	TW

Station	Temperal No.	Order	Family	Genus	Species	No. of Specimens	Tissue(Y or N)	Photo(Y or N)	Date	TW or to PNG(Voucher)
CP 3638	CP 3637-4	Gadiformes	Macrouridae	<i>Coelorinchus</i>	<i>argentatus</i>	1 Y	Y	Y	23/08/2010	TW
	CP 3637-5	Ophidiiformes	Bythitidae	<i>Cataetyx</i>	<i>messieri</i>	1 Y	Y	Y	23/08/2010	TW
	CP 3637-6	Gadiformes	Macrouridae	<i>Hymenocephalus</i>	sp. 1	1 Y	N	Y	23/08/2010	TW
	CP 3638-1	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	<i>schultzi</i>	1 Y	Y	Y	23/08/2010	TW
	CP 3638-2	Argentiniiformes	Alepocephalidae	<i>Leptoderma</i>	<i>retropinna</i>	1 Y	Y	Y	23/08/2010	TW
	CP 3638-3-1	Albuliformes	Halosauridae	<i>Aldrovandia</i>	<i>affinis</i>	1 Y	Y	Y	23/08/2010	TW
	CP 3638-3-2	Albuliformes	Halosauridae	<i>Aldrovandia</i>	<i>affinis</i>	1 Y	Y	Y	23/08/2010	TW
CP 3639	CP 3638-4-1	Ophidiiformes	Ophidiidae	<i>Monomotopuss</i>	<i>pallidus</i>	1 Y	Y	Y	23/08/2010	TW
	CP 3638-4-2	Ophidiiformes	Ophidiidae	<i>Monomotopuss</i>	<i>pallidus</i>	1 Y	Y	Y	23/08/2010	TW
CP 3645	CP 3639-1	Carcharhiniformes	Scyliorhinida	<i>Apristurus</i>	<i>platyrhynchus</i>	1 Y	Y	Y	23/08/2010	PNG
	CP 3639-2	Stomiiformes	Stomiidae	<i>Chauliodus</i>	<i>sloani</i>	1 Y	Y	Y	23/08/2010	TW
	CP 3639-3	Ophidiiformes	Ophidiidae	<i>Dicrolene</i>	<i>longimana</i>	1 Y	Y	Y	23/08/2010	TW
CP 3645	CP 3645-1-1	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	sp. 3	1 Y	Y	Y	24/08/2010	TW
	CP 3645-1-2	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	sp. 3	1 Y	Y	Y	24/08/2010	TW
	CP 3645-1-3	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	sp. 4	1 Y	Y	Y	24/08/2010	TW
	CP 3645-1-4	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	sp. 4	1 Y	Y	Y	24/08/2010	TW
	CP 3645-2-1	Anguilliformes	Ophichthidae	<i>Apterichtus</i>	sp. 1	1 Y	Y	Y	24/08/2010	TW
	CP 3645-2-2	Anguilliformes	Ophichthidae	<i>Apterichtus</i>	sp. 1	1 Y	Y	Y	24/08/2010	TW
	CP 3645-3-1	Pleuronectiformes	Poecilopsettidae	<i>Poecilopsetta</i>	sp. 1	1 Y	Y	Y	24/08/2010	TW
	CP 3645-3-2	Pleuronectiformes	Poecilopsettidae	<i>Poecilopsetta</i>	sp. 1	1 Y	Y	Y	24/08/2010	TW
	CP 3645-3-3	Pleuronectiformes	Poecilopsettidae	<i>Poecilopsetta</i>	sp. 1	1 Y	Y	Y	24/08/2010	TW
	CP 3645-4	Perciformes	Cepolidae	<i>Sphenanthius</i>	sp. 1	1 Y	Y	Y	24/08/2010	TW
	CP 3645-5	Pleuronectiformes	Samaridae	<i>Samariscus</i>	<i>sunieri</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3645-6-1	Ophidiiformes	Ophidiidae	<i>Neobythites</i>	<i>musrstromi</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3645-6-2	Ophidiiformes	Ophidiidae	<i>Neobythites</i>	<i>musrstromi</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3645-6-3	Ophidiiformes	Ophidiidae	<i>Neobythites</i>	<i>musrstromi</i>	1 Y	Y	Y	24/08/2010	TW
CP 3646	CP 3645-7	Ophidiiformes	Ophidiidae	<i>Neobythites</i>	<i>macrops</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3645-8	Ophidiiformes	Ophidiidae	<i>Neobythites</i>	<i>sereti</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3645-9-1	Gadiformes	Macrouridae	<i>Coelorinchus</i>	<i>argentatus</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3645-9-2	Gadiformes	Macrouridae	<i>Coelorinchus</i>	<i>argentatus</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3645-10-1	Lophiiformes	Ogcocephalidae	<i>Malthopsis</i>	sp. 1	1 Y	Y	Y	24/08/2010	TW
	CP 3645-10-2	Lophiiformes	Ogcocephalidae	<i>Malthopsis</i>	sp. 1	1 Y	Y	Y	24/08/2010	TW
	CP 3645-10	Lophiiformes	Ogcocephalidae	<i>Malthopsis</i>	sp. 1	2	N	Y	24/08/2010	TW
	CP 3645-11-1	Lophiiformes	Ogcocephalidae	<i>Malthopsis</i>	sp. 2	1 Y	Y	Y	24/08/2010	TW
	CP 3645-11	Lophiiformes	Ogcocephalidae	<i>Malthopsis</i>	sp. 2	1	N	Y	24/08/2010	TW
	CP 3645-12-1	Lophiiformes	Ogcocephalidae	<i>Malthopsis</i>	sp. 3	1 Y	Y	Y	24/08/2010	TW
	CP 3645-12	Lophiiformes	Ogcocephalidae	<i>Malthopsis</i>	sp. 3	1	N	Y	24/08/2010	TW
	CP 3645-13	Lophiiformes	Ogcocephalidae	<i>Halicmetus</i>	<i>ruber</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3645-14	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	<i>bathyphilus</i>	1 Y	Y	Y	24/08/2010	TW
CP 3646	CP 3646-1-1	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	sp. 2	1	N	Y	24/08/2010	TW
	CP 3646-1-2	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	sp. 3	1	N	Y	24/08/2010	TW
	CP 3646-2	Lophiiformes	Ogcocephalidae	<i>Halieutaea</i>	<i>stellata</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3646-3	Perciformes	Gempylidae	<i>Rexea</i>	<i>prometheoides</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3646-4	Anguilliformes	Ophichthidae	<i>Ophichthus</i>	sp. 1	1 Y	Y	Y	24/08/2010	TW
	CP 3646-5	Gadiformes	Macrouridae	<i>Coelorinchus</i>	<i>thurria</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3646-6-1	Scorpaeniformes	Cottidae	<i>Antipodocottus</i>	<i>mesembrinus</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3646-6-2	Scorpaeniformes	Cottidae	<i>Antipodocottus</i>	<i>mesembrinus</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3646-7-1	Perciformes	Ostracoberycidae	<i>Ostracoberyx</i>	<i>dorygenys</i>	1 Y	Y	Y	24/08/2010	TW
	CP 3646-7-2	Perciformes	Ostracoberycidae	<i>Ostracoberyx</i>	<i>dorygenys</i>	1 Y	Y	Y	24/08/2010	TW
CP 3647	CP 3647-1	Scorpaeniformes	Triglidae	<i>Peristedion</i>	<i>lorhynchus</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3647-2-1	Gadiformes	Macrouridae	<i>Coryphaenoides</i>	sp. 1	1 Y	Y	Y	25/08/2010	TW
	CP 3647-2-2	Gadiformes	Macrouridae	<i>Coryphaenoides</i>	sp. 1	1 Y	Y	Y	25/08/2010	TW
	CP 3647-2-3	Gadiformes	Macrouridae	<i>Coryphaenoides</i>	sp. 1	1 Y	Y	Y	25/08/2010	TW
	CP 3647-3-1	Ophidiiformes	Ophidiidae	<i>Dicrolene</i>	<i>longimana</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3647-3-2	Ophidiiformes	Ophidiidae	<i>Dicrolene</i>	<i>longimana</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3647-3-3	Ophidiiformes	Ophidiidae	<i>Dicrolene</i>	<i>longimana</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3647-4-1	Albuliformes	Halosauridae	<i>Halosaurus</i>	<i>ridgwayi</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3647-4-2	Albuliformes	Halosauridae	<i>Halosaurus</i>	<i>ridgwayi</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3647-4-3	Albuliformes	Halosauridae	<i>Halosaurus</i>	<i>ridgwayi</i>	1 Y	Y	Y	25/08/2010	TW
CP 3648	CP 3647-5	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	<i>gilesii</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3647-6	Anguilliformes	Ophichthidae	<i>Ophichthus</i>	sp. 1	1 Y	Y	Y	25/08/2010	TW
	CP 3648-1-1	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	<i>gilesii</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3648-1-2	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	<i>gilesii</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3648-2-1	Ophidiiformes	Ophidiidae	<i>Dicrolene</i>	<i>longimana</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3648-2-2	Ophidiiformes	Ophidiidae	<i>Dicrolene</i>	<i>longimana</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3648-3	Gadiformes	Macrouridae	<i>Ventrifossa</i>	<i>nigrodorsalis</i>	1 Y	Y	Y	25/08/2010	TW
CP 3648	CP 3648-4	Gadiformes	Macrouridae	<i>Ventrifossa</i>	<i>sazonovi</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3648-5	Argentiniiformes	Alepocephalidae	<i>Rouleina</i>	<i>maderensis</i>	1 Y	Y	Y	25/08/2010	TW
	CP 3650-1-1	Myctophiformes	Neoscopelidae	<i>Neoscopelus</i>	<i>macrolepidotus</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3650-1-2	Myctophiformes	Neoscopelidae	<i>Neoscopelus</i>	<i>macrolepidotus</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3650-1-3	Myctophiformes	Neoscopelidae	<i>Neoscopelus</i>	<i>macrolepidotus</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3650-2-1	Anguilliformes	Colocongridae	<i>Coloconger</i>	<i>sardanhai</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3650-2-2	Anguilliformes	Colocongridae	<i>Coloconger</i>	<i>sardanhai</i>	1 Y	Y	Y	27/08/2010	TW
CP 3651	CP 3650-2-3	Anguilliformes	Colocongridae	<i>Coloconger</i>	<i>sardanhai</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3650-3	Albuliformes	Halosauridae	<i>Aldrovandia</i>	<i>phalacra</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3650-4	Gadiformes	Macrouridae	<i>Nezumia</i>	<i>spinosa</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3650-5	Aulopiformes	Ipnopidae	<i>Bathypterois</i>	<i>guentheri</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3650-6	Aulopiformes	Ipnopidae	<i>Bathypterois</i>	<i>andriashevi</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3651-1	Myctophiformes	Hexatrygonidae	<i>Hexatrygon</i>	sp. 1	1 Y	Y	Y	27/08/2010	PNG
	CP 3651-2-1	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	<i>schultzi</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3651-2-2	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	<i>schultzi</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3651-3	Myctophiformes	Myctophidae	<i>Diaphus</i>	sp. 1	1 Y	Y	Y	27/08/2010	TW
	CP 3651-4	Ophidiiformes	Ophidiidae	<i>Monomotopuss</i>	<i>kumae</i>	1 Y	Y	Y	27/08/2010	TW
CP 3651	CP 3651-5	Gadiformes	Macrouridae	<i>Coelorinchus</i>	<i>macrorhynchus</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3651-6	Gadiformes	Macrouridae	<i>Nezumia</i>	<i>spinosa</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3651-7-1	Anguilliformes	Congridae	<i>Bathycongrus</i>	sp. 1	1 Y	Y	Y	27/08/2010	TW
	CP 3651-7-2	Anguilliformes	Congridae	<i>Bathycongrus</i>	sp. 1	1 Y	Y	Y	27/08/2010	TW
	CP 3651-7-3	Anguilliformes	Congridae	<i>Bathycongrus</i>	sp. 1	1 Y	Y	Y	27/08/2010	TW
	CP 3651-8	Aulopiformes	Ipnopidae	<i>Bathypterois</i>	<i>guentheri</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3652-1	Argentiniiformes	Alepocephalidae	<i>Rouleina</i>	<i>guentheri</i>	1 Y	Y	Y	27/08/2010	TW

Station	Temperal No.	Order	Family	Genus	Species	No. of Specimens	Tissue(Y or N)	Photo(Y or N)	Date	TW or to PNG(Voucher)
CP 3653	CP 3652-2	Stomiiformes	Dipiphidae	Diplophus	<i>orientalis</i>	1 Y	Y	Y	27/08/2010	TW
	CP 3653-1	Anguilliformes	Colocongridae	<i>Coloconger</i>	<i>sardanhai</i>	3 N	Y	Y	28/08/2010	TW
	CP 3653-2	Lophiiformes	Ogcocephalidae	<i>Halicmetus</i>	<i>niger</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3653-3-1	Ophidiformes	Ophidiidae	<i>Dicrolene</i>	<i>tristis</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3653-3-2	Ophidiformes	Ophidiidae	<i>Dicrolene</i>	<i>tristis</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3653-3-3	Ophidiformes	Ophidiidae	<i>Dicrolene</i>	<i>tristis</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3653-4-1	Gadiformes	Macrouridae	<i>Hymenocephalus</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3653-4-2	Gadiformes	Macrouridae	<i>Hymenocephalus</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3653-4-3	Gadiformes	Macrouridae	<i>Hymenocephalus</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3653-4	Gadiformes	Macrouridae	<i>Hymenocephalus</i>	sp. 1	4 N	N	Y	28/08/2010	TW
CP 3654	CP 3653-5	Beryciformes	Diretmidae	<i>Diretmoides</i>	<i>pauciradiatus</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3653-6-1	Gadiformes	Macrouridae	<i>Ventrifossa</i>	<i>nigrodorsalis</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3653-6-2	Gadiformes	Macrouridae	<i>Ventrifossa</i>	<i>nigrodorsalis</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3653-6-3	Gadiformes	Macrouridae	<i>Ventrifossa</i>	<i>nigrodorsalis</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3653-6	Gadiformes	Macrouridae	<i>Ventrifossa</i>	<i>nigrodorsalis</i>	1 N	N	Y	28/08/2010	TW
	CP 3654-1	Pleuronectiformes	Bothidae	<i>Chascanopsetta</i>	<i>micrognathus</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3654-2	Gadiformes	Macrouridae	<i>Cetonusurus</i>	<i>globiceps</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3654-3	Gadiformes	Macrouridae	<i>Hymenocephalus</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3654-4-1	Zeiformes	Zeniontidae	<i>Zenion</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3654-4-2	Zeiformes	Zeniontidae	<i>Zenion</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
CP 3655	CP 3654-4-3	Zeiformes	Zeniontidae	<i>Zenion</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3654-5-1	Aulopiformes	Chlorophthalmidae	<i>Chlorophthalmus</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3654-5-2	Aulopiformes	Chlorophthalmidae	<i>Chlorophthalmus</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3654-5-3	Aulopiformes	Chlorophthalmidae	<i>Chlorophthalmus</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3654-5	Aulopiformes	Chlorophthalmidae	<i>Chlorophthalmus</i>	sp. 1	5 N	N	Y	28/08/2010	TW
	CP 3655-1	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	sp. 5	1 Y	Y	Y	28/08/2010	TW
	CP 3655-2-1	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	<i>marmoratus</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3655-2-2	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	<i>marmoratus</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3655-2-3	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	<i>marmoratus</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3655-2	Pleuronectiformes	Cynoglossidae	<i>Syphurus</i>	<i>marmoratus</i>	1 N	N	Y	28/08/2010	TW
CP 3655	CP 3655-3	Perciformes	Callionymidae	<i>Centrodraco</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3655-4	Pleuronectiformes	Poecilopsettidae	<i>Poecilopsetta</i>	<i>megalepis</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3655-5-1	Perciformes	Acropomatidae	<i>Synagrops</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3655-5-2	Perciformes	Acropomatidae	<i>Synagrops</i>	sp. 1	1 Y	Y	Y	28/08/2010	TW
	CP 3655-6-1	Scorpaeniformes	Scorpaenidae	<i>Lioscorpius</i>	<i>longiceps</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3655-6-2	Scorpaeniformes	Scorpaenidae	<i>Lioscorpius</i>	<i>longiceps</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3655-7-1	Pleuronectiformes	Bothidae	<i>Chascanopsetta</i>	<i>micrognathus</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3655-7-2	Pleuronectiformes	Bothidae	<i>Chascanopsetta</i>	<i>lugubris</i>	1 Y	Y	Y	28/08/2010	TW
	CP 3655-7-3	Pleuronectiformes	Bothidae	<i>Chascanopsetta</i>	<i>micrognathus</i>	1 Y	Y	Y	28/08/2010	TW