# Soft substrate macrobenthos of Fiji's Great Astrolabe Reef lagoon. List of taxons, densities and their biomass

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## Abstract

During the joint Fijian-French ASTRO cruise conducted in April 1994 in the Great Astrolabe lagoon, the soft bottom macrobenthos was quantitatively investigated at 25 sampling stations, using a 0.1 m² Smith-McIntyre grab. At each station, sediment was sampled with a total 1 m² area (10 replicate grabs) and washed through a set of 20, 5 and 2 mm sieves to retain flora and fauna. A total of 207 taxa was identified. This paper presents methods and raw data obtained from the study expressed for each taxon as numbers of individuals, dry weight and ash free dry weight per m².

## Résumé

Au cours de la mission franco-fidjienne réalisée en avril 1994 dans le lagon du Grand récif de l'Astrolabe, le macrobenthos des fonds meubles a été échantillonné quantitativement sur 25 stations, à l'aide d'une benne Smith-McIntyre. Sur chaque station, le sédiment a été prélevé sur une superficie totale de 1 m² (10 coups de benne) et passé sur des tamis de 20, 5 et 2 mm pour isoler la flore et la faune. Un total de 207 taxons a été identifié. Le présent document regroupe un exposé des méthodes mises en oeuvre et une liste des résultats bruts issus de l'étude. Pour chaque taxon, ces derniers portent sur le nombre d'individus, le poids sec et le poids de matière sèche sans cendre.

## 1. Introduction

Quantitative studies on the benthic fauna of the sediments behind coral reefs are surprisingly sparse, and no such studies have previously been made in Fijian waters. The Great Astrolabe Reef and Lagoon have been the subject of a baseline study (Morrison and Naqasima, 1992) but this did not include the fauna and flora of the lagoonal sediments, concentrating limited analysis and collecting resources on the reef (Naqasima and Brandy, 1992).

Quantitative studies on the marine benthos of soft substrate have been made in the South West Pacific, centred on the work of the ORSTOM team based in Nouméa, New Caledonia. These include work on the South West lagoon of New Caledonia (Chardy *et al.*, 1988; Chardy and Clavier, 1988), Chesterfield Lagoon (WNW of New Caledonia, Clavier and Garrigue, 1990) and Uvea Lagoon (Loyalty Islands, NE of New Caledonia; Clavier *et al.*, 1992).

Sampling soft sediments has been reviewed by Hartley and Dicks (1987) and the methods used in this study are described below. The protocol followed is the one that has been developed by the ORSTOM team operating from Nouméa, New Caledonia, and was followed in this study to facilitate comparisons between this and the earlier work done in New Caledonia.

## 2. Materials and methods

The study focused on subtidal sediments. Macrobenthic communities were sampled at 25 sites located between 17 and 43 m depth over the lagoon (Table 1 and Figure 1). Sampling was carried out with the RV 'ALIS' in April 1994.

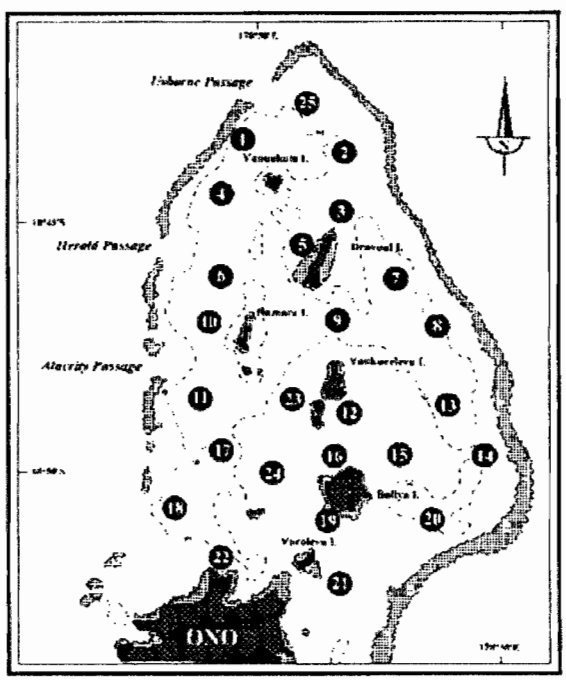


Figure 1: Location of sampling stations

Macrofauna and macroflora were sampled using a 0.1 m² Smith McIntyre grab weighed down with an additional 60 kg lead ballast (Figure 2). The sampling unit was a 1m² area, i.e. ten 0.1 m² grabs. The total collected volume of sediment was about 60 l. The boat was moored with a bow anchor and was free to swing under the influence of wind. The probability of a bite coincidence between samples was consequently very low. The samples from the same station were mixed and passed through 20, 5 and 2 mm stacked sieves. On board, organisms were separated from the substrate, sorted by major taxonomic groups and preserved in 10 % formalin neutralised with borax.

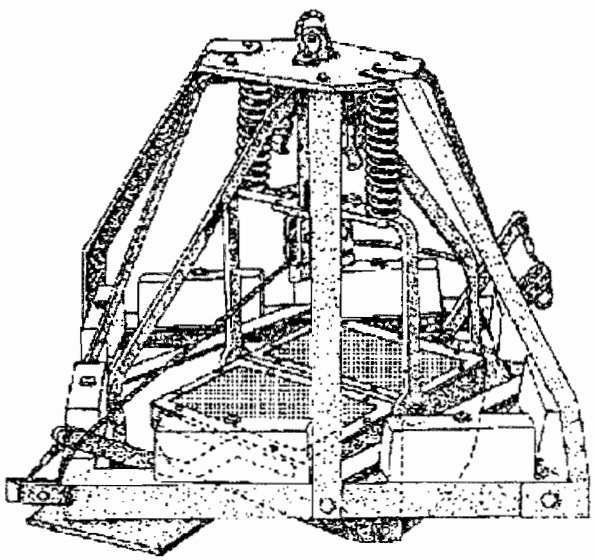

**Figure 2: The Smith-Mc-Intyre grab**

In the laboratory, taxonomic determinations were carried out as precisely as possible using the available literature. The results per station have been expressed as the number of individuals per m² for each identified taxon for macrofauna. Dry weights were measured after oven-drying (60°C) until constant weight and the ash weight by further heating at 550°C for 3 hours. The ash free dry weight is the difference between these two values. The biomasses have been expressed in grams of dry weight and ash free dry weight per m² for macrofauna and macroflora. Taxonomic biomasses have been summed to obtain the total macrobenthic biomass per station.

**Table 1 : Depth (m) and position of the sampling stations**

| N | Depth | Latitude | Longitude |
|---|---|---|---|
| | 31 | 18°43.50' S | 178°29.67' E |
| | 28 | 18°43.49' S | 178°31.75' E |
| | 22 | 18°44.68' S | 178°31.70' E |
| | 39 | 18°44.57' S | 178°29.46' E |
| | 17 | 18°45.19' S | 178°31.25' E |
| | 38 | 18°46.11' S | 178°29.53' E |
| | 43 | 18°46.09' S | 178°32.73' E |
| | 37 | 18°46.97' S | 178°33.84' E |
| | 35 | 18°46.90' S | 178°31.75' E |
| 1 | 37 | 18°46.99' S | 178°29.18' E |
| 1 | 39 | 18°48.81' S | 178°29.19' E |
| 1 | 29 | 18°48.80' S | 178°32.10' E |
| 1 | 34 | 18°48.28' S | 178°33.84' E |
| 14 | 27 | 18°49.48' S | 178°34.72' E |
| 15 | 29 | 18°49.46' S | 178°33.14' E |
| 16 | 32 | 18°49.48' S | 178°31.83' E |
| 17 | 34 | 18°49.57' S | 178°29.50' E |
| 18 | 34 | 18°50.77' S | 178°26.64' E |
| 19 | 31 | 18°50.94' S | 178°31.86' E |
| 20 | 34 | 18°50.71' S | 178°33.85' E |
| 21 | 30 | 18°52.14' S | 178°31.97' E |
| 22 | 36 | 18°51.64' S | 178°29.50' E |
| 23 | 31 | 18°48.43' S | 178°30.84' E |
| 24 | 32 | 18°49.83' S | 178°30.50' E |
| 25 | 31 | 18°42.66' S | 178°30.97' E |

# 3. Taxonomic list

## *3.1 Phytobenthos*

**CHLOROPHYTA**

1 *Avrainvillea amadelpha* (Montagne) Gepp & Gepp
2 *Avrainvillea* sp.
3 *Caulerpa bikinensis* Taylor
4 *Caulerpa brachypus* Harvey
5 *Caulerpa racemosa* var. *clavifera* (Turner) Weber van Bosse
6 *Caulerpa sertularioïdes* (Gmelin) Howe
7 *Caulerpa taxifolia* (Vahl) C. Agardh
8 *Caulerpa urvilliana* Montagne
9 *Halimeda cylindracea* Decaisne
10 *Halimeda discoidea* Decaisne
11 *Halimeda incrassata* (Ellis) Lamouroux
12 *Halimeda macroloba* Decaisne
13 *Halimeda opuntia* (L.) Lamouroux
14 *Tydemania expeditionis* Weber van Bosse
15 *Udotea flabellum* (Ellis & Solander) Howe
16 *Udotea glaucescens* Harvey
17 *Halicystis* sp.

18 *Valonia aegagropila* C. Agardh
19 *Valonia fastigiata* Harvey

**PHAEOPHYTA**
20 *Dictyota* sp.

**CYANOPHYTA**
21 Cyanophyceae indet.

## *3.2 Zoobenthos*

**SPONGES**
22 Sponge indet. 1
23 Sponge indet. 2
24 Sponge indet. 3
25 Sponge indet. 4
26 Sponge indet. 5
27 Sponge indet. 6

**CNIDARIANS**
28 *Edwardsia* sp.
29 *Trachyphyllia geoffroyi* (Audouin, 1926)

**PLATYHELMINTHS**
30 Platyhelminth indet.

**NEMERTEANS**
31 Nemertean indet.

**NEMATODES**
32 Nematode indet.

**ANNELIDS**
33 *Amphicteis* sp.
34 *Arabella iricolor* (Montagu, 1804)
35 *Armandia* sp. cf. *leptocirrus* (Grube, 1878)
36 Chaetopteridae indet.
37 *Chloeia* sp.
38 *Cirriformia* sp.
39 *Dasybranchus* sp.
40 *Drilonereis* sp.
41 *Euclymene* sp.
42 *Eunice complanata* (Grube, 1877)
43 *Eunice* sp.
44 *Eupolymnia* sp.
45 *Glycera* sp.
46 *Goniada* sp. *1*
47 *Goniada* sp. *2*
48 *Laonome* sp.
49 *Leiochrides australis* Augener, 1814
50 *Linopherus* sp.
51 *Loimia ingens* (Grube, 1878)
52 *Lumbrineris* sp. *1*
53 *Lumbrineris* sp. *2*
54 *Lysilla pacifica* Hessle, 1917
55 *Lysippe* sp.
56 *Malacoceros* sp.
57 *Marphysa* sp.
58 *Mastobranchus trinchesii* Eisig, 1887
59 Nereidinae indet.
60 *Notomastus* sp.
61 *Pareulepis* sp.
62 *Pectinaria* sp
63 *Phyllochaetopterus* sp.
64 *Phyllodoce* sp.
65 *Pista* sp. cf. *australis* Hutchings & Glasby, 1988
66 *Poecilochaetus* sp.
67 *Polydora* sp.
68 *Polyodontes* sp.
69 *Prionospio (Aquilaspio) aucklandica* Augener, 1923
70 *Prionospio (Aquilaspio)* sp..
71 *Prionospio (Prionospio) lineata* Imajima, 1990
72 *Prionospio* sp.
73 *Psammolyce antipoda* (Schmarda, 1861)
74 *Rhinothelepus* sp.
75 *Samytha* sp.
76 *Samythella* sp.
77 *Sigalion mathildae* Audouin & Milne-Edwards, 1832
78 *Spio* sp.
79 *Sthenelais laevis* Kinberg, 1858
80 *Sthenelais zeylandica* Wiley, 1905
81 *Sthenolepis yhleni*(Malmgren, 1867)
82 *Streblosoma* sp.
83 *Syllis (syllis)* sp.
84 *Terebellides stroemi* Sars, 1835

**SIPUNCULIDS**
85 *Aspidosiphon* sp. *1*
86 *Aspidosiphon* sp. *2*
87 *Aspidosiphon* sp. *3*
88 Sipunculid indet. 1
89 Sipunculid indet. 2

**LOPHOPHORIANS**
90 Phoronidian indet.
91 Brachiopod indet.
92 *Lingula* sp.

**MOLLUSCS**
**Gastropods**
93 *Acteon virgatus* Reeve, 1842
94 *Atys cylindricus* (Helbling, 1879)
95 *Cantharidus* sp.
96 Cerithidae indet. 1
97 Cerithidae indet. 2
98 *Dentalium sp*
99 *Lophiotoma* sp.
100 *Malea pomum* (L., 1758)
101 *Nassarius glans* Röding, 1798
102 *Nassarius* sp.
103 *Natica onca* Röding, 1798
104 *Natica* sp.
105 *Oliva carneola* (Gmelin, 1791)
106 *Oliva miniacea* (Röding, 1798)
107 *Pupa solidula* (L., 1758)
108 *Rhinoclavis aspera* (L., 1758)
109 *Strombus fragilis* (Röding, 1758)
110 *Subcancilla interlirata* (Reeve, 1844)
111 *Terebellum terebellum* L., 1758
112 *Terebra* sp.
113 *Terebra subulata* (L., 1767)
114 *Terebra undulata* Gray, 1834
115 Turridae indet. 1
116 Turridae indet. 2
117 *Vexillum sanguisugum* (L., 1758)
118 *Vexillum* sp. *1*

119 *Vexillum* sp. *2*
120 *Vexillum* sp. *3*
121 *Vexillum* sp. *4*
122 *Viriola interfilata* (Gould, 1861)

**Bivalves**

123 *Anodontia* sp.
124 *Arca navicularis* Bruguière, 1789
125 *Arcopagia (Pinguitellina) robusta* (Hanley, 1844)
126 *Barbatia* sp.
127 *Codakia* sp.
128 *Ctenodardia victor* (Angas, 1872)
129 *Fimbria fimbriata* (L., 1758)
130 *Gari maculosa* (Lamarck, 1818)
131 *Laevicardium* sp.
132 *Lima* sp.
133 *Lioconcha castrensis* (L., 1758)
134 *Lioconcha ornata* (Dillwynn, 1817)
135 Lucinicae indet. 1
136 Lucinidae indet. 2
137 *Modiolus philippinarum* Hanley, 1843
138 *Pinna* sp.
139 Pinnidae indet.
140 *Tellina rastella* Hanley, 1844
141 *Tellina* sp.
142 Tellinidae indet.
143 *Timoclea (Glycydonta) marica* (L., 1758)
144 *Vasticardium pulicarium* (Reeve, 1845)

**CRUSTACEANS**

145 Stomatopod indet. 1
146 Stomatopod indet. 2
147 *Ampelisca* sp.
148 Melitidae indet.
149 *Arcania* sp.
150 *Calappa* sp.
151 *Dacryopilumnus* sp.
152 *Hephthopelta* sp.
153 *Hexapus (Lambdophattus) anfractus* Rathbun, 1909
154 *Hexapus (Lambdophattus)* sp.
155 *Hexapus* sp.
156 *Leucosia* sp.
157 *Macrophthalmus convexus* Stimpson, 1858
158 *Micippa philira* (Herbst, 1803)
159 *Nursia* sp.
160 *Palicus* sp.
161 *Parthenope (Aulacolambrus) hepatus* (Adams & White, 1848)
162 *Phymodius* sp.
163 *Pilodius* sp.
164 *Pilumnus* sp.
165 *Podophthalmus nacreus* Alcock, 1899
166 *Portunus longispinosus* (Dana, 1852)
167 *Portunus* sp.
168 *Psaumis cavipes* (Dana, 1852)
169 *Tetrias fischeri* (A. Milne Edwards, 1867)
170 *Thalamita* sp. *1*
171 *Thalamita* sp.*2*
172 *Thalmitoides tridens* (A. Milne Edwards, 1869)
173 *Typhlocarcinodes* sp.
174 Galatheidae indet.
175 Paguridae indet.
*176 Alpheidae indet. 1*
177 Alpheidae indet. 2
178 Natantia indet.
179 Palaemonidae indet.
180 Pasiphaeidae indet.
181 Penaeidae indet.
182 Processidae indet.
183 Sergestidae indet.
184 *Parribacus* sp.
185 Callianassidae indet.
186 *Upogebia* sp.

**ECHINODERMS**

187 Asterid indet.
188 *Astropecten polyacanthus* Müller et Troschel, 1842
189 Brissidae indet.
190 *Brissopsis luzonica* (Gray, 1851)
191 *Laganum depressum* Agassiz, 1841
192 *Maretia planulata* (Lamarck, 1816)
193 *Metalia sternalis* (Lamarck, 1816)
194 Holothurid indet.
195 Amphiuridae indet.
196 Ophionereidae indet.
197 *Ophiopteron elegans* Ludwig, 1888
198 Ophiuridae indet.

**CHORDATES**

199 Enteropneusta indet.
200 Ascidian indet.
201 Acranian indet.

**VERTEBRATES**

202 *Callionymus* sp.
203 Gobiidae indet.
204 Labridae indet.
205 *Muraenichthys* sp.
206 Scorpaenidae indet.
207 Syngnathidae indet.

# 4. Results by station

Number of individuals (Nb), dry weight (DW) and ash free dry weight (AFDW) in grams, are expressed per m².

**STATION 1**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Annelids** | | | |
| *Eupolymnia* sp. | 1 | 0.0009 | 0.0006 |
| *Loimia ingens* | 1 | 0.0075 | 0.0044 |
| *Marphysa* sp. | 1 | 0.0069 | 0.0052 |
| Nereidinae indet. | 1 | 0.0011 | 0.0007 |
| *Notomastus* sp. | 1 | 0.0008 | 0.0005 |
| *Pectinaria sp* | 2 | 0.0027 | 0.0004 |
| *Phyllochaetopterus* sp. | 1 | 0.0008 | 0.0006 |
| *Pista* sp. cf. *australis* | 1 | 0.0075 | 0.0038 |
| *Terebellides stroemi* | 1 | 0.0172 | 0.0108 |
| **Sipunculids** | | | |
| *Aspidosiphon* sp. *3* | 2 | 0.0091 | 0.0069 |
| Sipunculid indet. 1 | 1 | 0.0159 | 0.0044 |
| Sipunculid indet. 2 | 1 | 0.0983 | 0.0236 |
| **Molluscs** | | | |
| *Dentalium sp* | 2 | 0.0624 | 0.0138 |
| *Oliva carneola* | 1 | 1.3447 | 0.0987 |
| *Oliva miniacea* | 1 | 5.9760 | 0.5760 |
| *Vexillum* sp. *1* | 1 | 0.2405 | 0.0215 |
| *Anodontia* sp. | 1 | 0.2614 | 0.0304 |
| *Laevicardium* sp. | 10 | 1.1941 | 0.1345 |
| *Modiolus philippinarum* | 1 | 0.2070 | 0.0437 |
| *Tellina* sp. | 6 | 0.5382 | 0.0651 |
| **Crustaceans** | | | |
| Paguridae indet. | 1 | 0.0087 | 0.0061 |
| **Echinoderms** | | | |
| Amphiuridae indet. | 1 | 0.0189 | 0.0108 |
| Ophiuridae indet. | 2 | 0.0191 | 0.0090 |
| **Vertebrates** | | | |
| Gobiidae indet. | 1 | 0.0119 | 0.0085 |

| | |
|---|---|
| **Number of taxons :** | **25** |
| **Number of individuals :** | **42** |

**STATION 2**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Annelids** | | | |
| *Chloeia* sp. | 1 | 0.0049 | 0.0039 |
| *Dasybranchus* sp. | 2 | 0.0146 | 0.0107 |
| *Glycera* sp. | 1 | 0.0006 | 0.0003 |
| *Lysippe* sp. | 1 | 0.0005 | 0.0003 |
| *Pista* sp. cf. *australis* | 1 | 0.0068 | 0.0032 |
| *Polyodontes* sp. | 1 | 0.0098 | 0.0074 |
| *Prionospio (Prionospio) lineata* | 1 | 0.0083 | 0.0057 |
| *Sigalion mathildae* | 3 | 0.0056 | 0.0035 |
| *Terebellides stroemi* | 13 | 0.4230 | 0.2665 |
| **Sipunculids** | | | |
| Sipunculid indet. 2 | 1 | 0.0391 | 0.0218 |
| **Molluscs** | | | |
| *Nassarius* sp. | 1 | 0.0965 | 0.0224 |
| *Oliva miniacea* | 1 | 2.2658 | 0.2096 |
| *Pupa solidula* | 1 | 0.8794 | 0.1527 |
| *Terebra* sp. | 1 | 0.2973 | 0.0270 |
| *Terebra undulata* | 1 | 0.1327 | 0.0211 |
| *Lioconcha ornata* | 1 | 0.0892 | 0.0721 |
| *Modiolus philippinarum* | 5 | 0.8568 | 0.1389 |
| *Tellina* sp. | 1 | 0.0170 | 0.0073 |
| **Crustaceans** | | | |
| *Calappa* sp. | 1 | 0.0420 | 0.0260 |
| *Hexapus (Lambdophattus) anfractus* | 2 | 0.0681 | 0.0414 |
| *Hexapus (Lambdophattus)* sp. | 4 | 0.0680 | 0.0372 |
| *Hexapus* sp. | 2 | 0.0343 | 0.0202 |
| Paguridae indet. | 1 | 0.0148 | 0.0054 |
| *Thalamita* sp. *1* | 1 | 0.0352 | 0.0146 |
| **Echinoderms** | | | |
| *Laganum depressum* | 1 | 0.1285 | 0.0219 |
| Ophiuridae indet. | 2 | 0.0116 | 0.0058 |

| | |
|---|---|
| **Number of taxons :** | **28** |
| **Number of individuals :** | **51** |

**STATION 3**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Algae** | | | |
| *Halimeda cylindracea* | | 27.8357 | 3.0890 |
| **Cnidarians** | | | |
| *Edwardsia* sp. | 1 | 0.0472 | 0.0185 |
| **Annelids** | | | |
| *Lysippe* sp. | 1 | 0.0008 | 0.0006 |
| Nereidinae indet. | 1 | 0.0009 | 0.0007 |
| **Sipunculids** | | | |
| *Aspidosiphon* sp. *3* | 1 | 0.0090 | 0.0048 |
| **Lophophorians** | | | |
| Brachiopod indet. | 1 | 0.5000 | 0.0200 |
| **Molluscs** | | | |
| *Natica onca* | 1 | 0.0627 | 0.0296 |
| *Oliva miniacea* | 1 | 2.7920 | 0.5454 |
| *Pupa solidula* | 1 | 0.0615 | 0.0118 |
| *Arca navicularis* | 1 | 0.1207 | 0.0067 |
| *Laevicardium* sp. | 1 | 0.0658 | 0.0058 |
| *Lioconcha ornata* | 4 | 3.1597 | 0.9740 |
| *Tellina* sp. | 10 | 1.3451 | 0.1362 |
| **Crustaceans** | | | |
| *Portunus longispinosus* | 1 | 0.1381 | 0.0642 |

**Number of taxons : 16**
**Number of individuals : 26**

**STATION 4**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Nemerteans** | | | |
| Nemertean indet. | 1 | 0.0068 | 0.0059 |
| **Annelids** | | | |
| *Dasybranchus* sp. | 2 | 0.0056 | 0.0041 |
| *Eunice complanata* | 1 | 0.0015 | 0.0011 |
| *Eunice* sp. | 1 | 0.0018 | 0.0010 |
| *Glycera* sp. | 1 | 0.0006 | 0.0003 |
| *Goniada* sp.1 | 1 | 0.0008 | 0.0005 |
| *Lysippe* sp. | 4 | 0.0019 | 0.0014 |
| *Phyllochaetopterus* sp. | 1 | 0.0064 | 0.0051 |
| *Poecilochaetus* sp. | 2 | 0.0018 | 0.0012 |
| *Prionospio (Prionospio) lineata* | 2 | 0.0021 | 0.0012 |
| *Rhinothelepus* sp. | 3 | 0.0736 | 0.0442 |
| *Sigalion mathildae* | 1 | 0.0034 | 0.0029 |
| *Sthenolepis yhleni* | 1 | 0.0042 | 0.0036 |
| *Terebellides stroemi* | 41 | 0.7604 | 0.4791 |
| **Molluscs** | | | |
| *Nassarius* sp. | 1 | 0.1524 | 0.0652 |
| *Subcancilla interlirata* | 2 | 0.3436 | 0.0292 |
| *Terebellum terebellum* | 1 | 0.0300 | 0.0062 |
| *Arca navicularis* | 1 | 0.2405 | 0.0222 |
| *Barbatia* sp. | 1 | 0.2678 | 0.0356 |
| *Laevicardium* sp. | 5 | 0.3224 | 0.0408 |
| *Lioconcha ornata* | 3 | 0.4147 | 0.0289 |
| *Modiolus philippinarum* | 45 | 0.6456 | 0.2184 |
| *Tellina* sp. | 1 | 0.0199 | 0.0053 |
| Tellinidae indet. | 7 | 0.2860 | 0.1324 |
| **Crustaceans** | | | |
| *Alpheidae indet. 2* | 2 | 0.0242 | 0.0184 |
| *Ampelisca* sp. | 1 | 0.0002 | 0.0001 |
| Callianassidae indet. | 4 | 0.0503 | 0.0343 |
| *Hexapus* sp. | 3 | 1.1161 | 1.0790 |
| **Echinoderms** | | | |
| Amphiuridae indet. | 2 | 0.0454 | 0.0149 |
| Ophiuridae indet. | 11 | 0.0895 | 0.0130 |

**Number of taxons :** **35**
**Number of individuals :** **152**

**STATION 5**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Nemerteans** | | | |
| Nemertean indet. | 3 | 0.0168 | 0.0148 |
| **Annelids** | | | |
| *Eupolymnia* sp. | 1 | 0.0008 | 0.0006 |
| *Linopherus* sp. | 1 | 0.0005 | 0.0004 |
| *Lysippe* sp. | 5 | 0.0112 | 0.0090 |
| *Malacoceros* sp. | 1 | 0.0014 | 0.0009 |
| Nereidinae indet. | 1 | 0.0011 | 0.0007 |
| *Samythella* sp. | 1 | 0.0008 | 0.0006 |
| **Sipunculids** | | | |
| *Aspidosiphon* sp. *3* | 1 | 0.0159 | 0.0110 |
| **Molluscs** | | | |
| *Terebra subulata* | 1 | 11.3325 | 0.4073 |
| *Fimbria fimbriata* | 2 | 0.1842 | 0.0228 |
| *Laevicardium* sp. | 2 | 0.4121 | 0.0389 |
| *Lioconcha castrensis* | 2 | 0.3867 | 0.0645 |
| *Lioconcha ornata* | 2 | 7.4660 | 0.5032 |
| *Modiolus philippinarum* | 1 | 0.2535 | 0.1227 |
| *Tellina* sp. | 2 | 0.3018 | 0.1434 |
| *Timoclea (Glycydonta) marica* | 1 | 0.0396 | 0.0243 |
| **Crustaceans** | | | |
| *Dacryopilumnus* sp. | 1 | 0.0084 | 0.0052 |
| Pasiphaeidae indet. | 1 | 0.0018 | 0.0017 |
| *Portunus* sp. | 1 | 0.0882 | 0.0546 |
| Stomatopod indet. 2 | 1 | 0.0401 | 0.0267 |
| **Echinoderms** | | | |
| *Astropecten polyacanthus* | 1 | 0.2312 | 0.0340 |
| *Laganum depressum* | 1 | 0.0404 | 0.0183 |
| Ophiuridae indet. | 1 | 0.0327 | 0.0159 |
| **Chordata** | | | |
| Acranian indet. | 8 | 0.0260 | 0.0219 |
| **Vertebrates** | | | |
| Gobiidae indet. | 1 | 0.0657 | 0.0559 |

**Number of taxons :** 27
**Number of individuals :** 43

**STATION 6**

| *Taxon* | | *Nb* | *DW* | *AFDW* |
|---|---|---|---|---|
| **Algae** | | | | |
| | Cyanophyceae indet. | | 0.0450 | 0.0060 |
| | *Udotea glaucescens* | | 0.0190 | 0.0020 |
| **Nemerteans** | | | | |
| | Nemertean indet. | 1 | 0.0095 | 0.0065 |
| **Annelids** | | | | |
| | *Eunice complanata* | 1 | 0.0018 | 0.0013 |
| | *Glycera* sp. | 1 | 0.0014 | 0.0008 |
| | *Goniada* sp.*1* | 2 | 0.0134 | 0.0107 |
| | *Lysippe* sp. | 3 | 0.0012 | 0.0009 |
| | *Mastobranchus trinchesii* | 1 | 0.0005 | 0.0002 |
| | *Polyodontes* sp. | 1 | 0.0086 | 0.0071 |
| | *Prionospio (Prionospio) lineata* | 2 | 0.0128 | 0.0088 |
| | *Sthenolepis yhleni* | 1 | 0.0056 | 0.0041 |
| | *Terebellides stroemi* | 12 | 0.2413 | 0.1520 |
| **Molluscs** | | | | |
| | Cerithidae indet. 1 | 1 | 0.0624 | 0.0289 |
| | *Lophiotoma* sp. | 1 | 0.3770 | 0.0336 |
| | *Nassarius glans* | 2 | 0.2132 | 0.0396 |
| | *Nassarius* sp. | 1 | 0.1520 | 0.0205 |
| | *Terebellum terebellum* | 1 | 0.1010 | 0.0233 |
| | *Terebra* sp. | 1 | 0.2903 | 0.0242 |
| | *Ctenodardia victor* | 1 | 0.1037 | 0.0630 |
| | *Laevicardium* sp. | 5 | 0.2834 | 0.0634 |
| | *Lioconcha ornata* | 1 | 0.0491 | 0.0026 |
| | *Modiolus philippinarum* | 45 | 1.0480 | 0.1037 |
| | Pinnidae indet. | 1 | 0.0372 | 0.0056 |
| | Tellinidae indet. | 2 | 0.0632 | 0.0205 |
| **Crustaceans** | | | | |
| | Alpheidae indet. 2 | 2 | 0.0149 | 0.0104 |
| | *Calappa* sp. | 1 | 0.0084 | 0.0052 |
| | Callianassidae indet. | 1 | 0.0343 | 0.0206 |
| | *Hexapus (Lambdophattus)* sp. | 1 | 0.0907 | 0.0560 |
| | *Hexapus* sp. | 1 | 0.0185 | 0.0110 |
| | *Leucosia* sp. | 1 | 0.0096 | 0.0019 |
| | *Macrophthalmus convexus* | 1 | 0.0081 | 0.0048 |
| | Paguridae indet. | 2 | 0.0120 | 0.0085 |
| | *Parthenope (Aulacolambrus) hepatus* | 1 | 0.0657 | 0.0354 |
| | *Thalmitoides tridens* | 1 | 0.0882 | 0.0546 |
| **Echinoderms** | | | | |
| | *Maretia planulata* | 1 | 0.0994 | 0.0148 |
| | Ophiuridae indet. | 3 | 0.0299 | 0.0143 |
| **Vertebrates** | | | | |
| | Gobiidae indet. | 1 | 0.0130 | 0.0096 |

**Number of taxons : 38**
**Number of individuals : 104**

**STATION 7**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Nemerteans** | | | |
| Nemertean indet. | 2 | 0.2144 | 0.1631 |
| **Annelids** | | | |
| *Euclymene* sp. | 1 | 0.0006 | 0.0002 |
| *Lumbrineris* sp.*1* | 2 | 0.0007 | 0.0004 |
| *Phyllochaetopterus* sp. | 1 | 0.0005 | 0.0003 |
| *Prionospio (Aquilaspio) aucklandica* | 2 | 0.0218 | 0.0150 |
| **Molluscs** | | | |
| Cerithidae indet. 1 | 3 | 0.2546 | 0.0215 |
| *Tellina* sp. | 1 | 0.0736 | 0.0112 |
| **Crustaceans** | | | |
| Alpheidae indet. 2 | 1 | 0.0074 | 0.0049 |
| *Hexapus (Lambdophattus) anfractus* | 3 | 0.4085 | 0.2338 |
| *Macrophthalmus convexus* | 2 | 0.3654 | 0.1871 |
| *Podophthalmus nacreus* | 1 | 0.0399 | 0.0247 |
| Stomatopod indet. 2 | 1 | 0.1603 | 0.1083 |
| **Echinoderms** | | | |
| *Astropecten polyacanthus* | 1 | 0.1489 | 0.0242 |
| **Chordata** | | | |
| Enteropneusta indet. | 1 | 0.2325 | 0.1284 |
| **Vertebrates** | | | |
| *Callionymus* sp. | 1 | 0.0080 | 0.0060 |
| *Muraenichthys* sp. | 1 | 0.7100 | 0.5325 |

**Number of taxons : 17**
**Number of individuals : 24**

**STATION 8**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Cnidarians** | | | |
| *Edwardsia* sp. | 1 | 0.0277 | 0.0135 |
| **Annelids** | | | |
| *Lysilla pacifica* | 1 | 0.0063 | 0.0040 |
| *Phyllochaetopterus* sp. | 1 | 0.0092 | 0.0074 |
| *Polyodontes* sp. | 1 | 0.0123 | 0.0107 |
| *Prionospio (Aquilaspio) aucklandica* | 3 | 0.0113 | 0.0078 |
| *Samytha* sp. | 5 | 0.0163 | 0.0098 |
| *Sigalion mathildae* | 2 | 0.0044 | 0.0028 |
| *Terebellides stroemi* | 3 | 0.0579 | 0.0365 |
| **Sipunculids** | | | |
| Sipunculid indet. 1 | 1 | 0.0482 | 0.0220 |
| **Molluscs** | | | |
| Cerithidae indet. 1 | 1 | 1.0852 | 1.0059 |
| *Nassarius* sp. | 1 | 0.3213 | 0.0493 |
| *Terebellum terebellum* | 1 | 0.4152 | 0.1887 |
| *Lioconcha castrensis* | 2 | 0.8847 | 0.1292 |
| *Tellina* sp. | 1 | 0.0425 | 0.0098 |
| **Crustaceans** | | | |
| Alpheidae indet. 2 | 1 | 0.0061 | 0.0042 |
| *Hexapus (Lambdophattus)* sp. | 1 | 0.0347 | 0.0190 |
| *Hexapus* sp. | 3 | 0.0805 | 0.1215 |
| *Macrophthalmus convexus* | 1 | 0.3671 | 0.1612 |
| *Portunus longistylosus* | 1 | 0.3549 | 0.2197 |
| Stomatopod indet. 2 | 1 | 0.0239 | -0.8245 |
| **Echinoderms** | | | |
| *Maretia planulata* | 1 | 0.1187 | 0.0075 |
| Ophiuridae indet. | 1 | 0.0113 | 0.0057 |
| **Chordata** | | | |
| Enteropneusta indet. | 1 | 0.3129 | 0.1378 |
| **Vertebrates** | | | |
| Gobiidae indet. | 2 | 0.0291 | 0.0209 |

| | |
|---|---|
| **Number of taxons :** | **28** |
| **Number of individuals :** | **37** |

**STATION 9**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Nematodes** | | | |
| Nematode indet. | 2 | 0.0199 | 0.0179 |
| **Annelids** | | | |
| *Dasybranchus* sp. | 1 | 0.0935 | 0.0683 |
| *Glycera* sp. | 1 | 0.0012 | 0.0008 |
| *Lysippe* sp. | 1 | 0.0006 | 0.0003 |
| *Prionospio (Aquilaspio)* sp. | 1 | 0.0047 | 0.0029 |
| *Terebellides stroemi* | 6 | 0.1059 | 0.0667 |
| **Sipunculids** | | | |
| Sipunculid indet. 1 | 1 | 0.0220 | 0.0100 |
| **Crustaceans** | | | |
| *Hexapus* sp. | 1 | 0.0191 | 0.0117 |
| Stomatopod indet. 2 | 1 | 0.1706 | 0.1219 |
| **Echinoderms** | | | |
| Asterid indet. | 1 | 0.0204 | 0.0030 |
| *Laganum depressum* | 1 | 0.3629 | 0.0409 |
| *Maretia planulata* | 4 | 0.3617 | 0.0222 |
| *Metalia sternalis* | 1 | 14.7044 | 2.1924 |
| Ophiuridae indet. | 3 | 0.0168 | 0.0038 |

**Number of taxons : 15**
**Number of individuals : 25**

**STATION 10**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Cnidarians** | | | |
| *Edwardsia* sp. | 1 | 0.0118 | 0.0065 |
| **Nemerteans** | | | |
| Nemertean indet. | 2 | 0.2523 | 0.1373 |
| **Annelids** | | | |
| *Arabella iricolor* | 1 | 0.0082 | 0.0068 |
| *Dasybranchus* sp. | 1 | 0.0013 | 0.0007 |
| *Euclymene* sp. | 1 | 0.0008 | 0.0004 |
| *Goniada* sp.*1* | 1 | 0.0009 | 0.0007 |
| *Lysilla pacifica* | 2 | 0.0146 | 0.0084 |
| *Lysippe* sp. | 1 | 0.0005 | 0.0003 |
| *Poecilochaetus* sp. | 1 | 0.0008 | 0.0006 |
| *Prionospio (Prionospio) lineata* | 1 | 0.0007 | 0.0005 |
| *Rhinothelepus* sp. | 2 | 0.0839 | 0.0210 |
| *Sigalion mathildae* | 2 | 0.0320 | 0.0272 |
| *Terebellides stroemi* | 18 | 0.4068 | 0.2563 |
| **Sipunculids** | | | |
| *Aspidosiphon* sp. *2* | 3 | 0.0169 | 0.0113 |
| Sipunculid indet. 1 | 6 | 0.0894 | 0.0226 |
| **Molluscs** | | | |
| *Nassarius glans* | 1 | 0.1401 | 0.0215 |
| *Subcancilla interlirata* | 2 | 0.0569 | 0.0045 |
| *Vexillum* sp. *2* | 1 | 0.1625 | 0.0150 |
| *Vexillum* sp. *3* | 1 | 0.0640 | 0.0058 |
| *Vexillum* sp. *4* | 1 | 0.0585 | 0.0054 |
| *Ctenodardia victor* | 1 | 0.1638 | 0.0141 |
| *Laevicardium* sp. | 1 | 0.0481 | 0.0059 |
| *Lioconcha castrensis* | 1 | 0.7527 | 0.3002 |
| *Lioconcha ornata* | 3 | 0.1908 | 0.0133 |
| *Pinna* sp. | 2 | 0.1248 | 0.0494 |
| *Tellina* sp. | 1 | 0.0241 | 0.0050 |
| **Crustaceans** | | | |
| Callianassidae indet. | 1 | 0.0116 | 0.0083 |
| Pasiphaeidae indet. | 2 | 0.0030 | 0.0025 |
| *Portunus longispinosus* | 1 | 0.0079 | 0.0044 |
| Stomatopod indet. 2 | 1 | 0.1221 | 0.0923 |
| **Echinoderms** | | | |
| *Laganum depressum* | 3 | 0.3581 | 0.0501 |
| *Maretia planulata* | 2 | 0.0822 | 0.0076 |
| *Metalia sternalis* | 1 | 4.1810 | 0.8050 |
| Amphiuridae indet. | 2 | 0.0365 | 0.0106 |
| Ophiuridae indet. | 14 | 0.1213 | 0.0595 |

| | |
|---|---|
| **Number of taxons :** | **41** |
| **Number of individuals :** | **85** |

**STATION 11**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Nemerteans** | | | |
| Nemertean indet. | 1 | 0.0280 | 0.0234 |
| **Nematodes** | | | |
| Nematode indet. | 4 | 0.0331 | 0.0298 |
| **Annelids** | | | |
| *Dasybranchus* sp. | 4 | 0.0637 | 0.0465 |
| *Euclymene* sp. | 1 | 0.0691 | 0.0484 |
| *Linopherus* sp. | 2 | 0.0017 | 0.0013 |
| *Loimia ingens* | 2 | 0.0980 | 0.0591 |
| *Polyodontes* sp. | 1 | 0.0097 | 0.0083 |
| *Prionospio (Prionospio) lineata* | 1 | 0.0119 | 0.0082 |
| *Rhinothelepus* sp. | 1 | 0.0458 | 0.0275 |
| *Terebellides stroemi* | 26 | 0.6077 | 0.3829 |
| **Sipunculids** | | | |
| Sipunculid indet. 1 | 2 | 0.0674 | 0.0287 |
| **Molluscs** | | | |
| *Atys cylindricus* | 1 | 0.1820 | 0.0162 |
| Pinnidae indet. | 1 | 0.0367 | 0.0150 |
| *Tellina rastella* | 1 | 0.1815 | 0.1263 |
| *Tellina* sp. | 1 | 0.0356 | 0.0162 |
| **Crustaceans** | | | |
| Alpheidae indet. 1 | 1 | 0.0686 | 0.0457 |
| Alpheidae indet. 2 | 1 | 0.0058 | 0.0035 |
| *Leucosia* sp. | 1 | 0.0503 | 0.0252 |
| Stomatopod indet. 2 | 1 | 0.0184 | 0.0143 |
| **Echinoderms** | | | |
| *Brissopsis luzonica* | 1 | 4.5859 | 0.9461 |
| *Laganum depressum* | 1 | 0.1952 | 0.0693 |
| *Maretia planulata* | 3 | 0.2126 | 0.0148 |
| *Metalia sternalis* | 1 | 17.6416 | 7.2719 |
| Amphiuridae indet. | 2 | 0.1345 | 0.0286 |
| Ophiuridae indet. | 10 | 0.1003 | 0.0500 |
| **Vertebrates** | | | |
| Gobiidae indet. | 1 | 0.0212 | 0.0164 |

**Number of taxons :** 31
**Number of individuals :** 72

| STATION 12 | | | |
|---|---|---|---|
| ***Taxon*** | ***Nb*** | ***DW*** | ***AFDW*** |
| **Algae** | | | |
| *Caulerpa racemosa* var.*clavifera* | | 0.3120 | 0.1490 |
| *Halicystis* sp. | | 0.0230 | 0.0080 |
| *Halimeda incrassata* | | 0.8650 | 0.0640 |
| *Halimeda opuntia* | | 3.9880 | 0.2060 |
| *Udotea glaucescens* | | 0.2090 | 0.0450 |
| *Valonia aegagropila* | | 0.0960 | 0.0220 |
| **Sponges** | | | |
| Sponge indet. 2 | 1 | 3.3362 | 0.1744 |
| Sponge indet. 4 | 5 | 7.4655 | 1.5818 |
| **Annelids** | | | |
| Chaetopteridae indet. | 1 | 0.0009 | 0.0007 |
| *Eunice* sp. | 1 | 0.0008 | 0.0006 |
| *Laonome* sp. | 1 | 0.0141 | 0.0109 |
| *Terebellides stroemi* | 1 | 0.0253 | 0.0159 |
| **Sipunculids** | | | |
| Sipunculid indet. 1 | 1 | 0.0952 | 0.0495 |
| **Molluscs** | | | |
| *Acteon virgatus* | 1 | 0.2600 | 0.0232 |
| *Natica* sp. | 3 | 0.3180 | 0.1224 |
| *Rhinoclavis aspera* | 1 | 3.0029 | 0.1289 |
| *Terebellum terebellum* | 1 | 0.7486 | 0.1011 |
| *Arcopagia (Pinguitellina) robusta* | 1 | 0.0300 | 0.0102 |
| *Ctenodardia victor* | 2 | 3.2533 | 1.1311 |
| *Gari maculosa* | 2 | 0.4317 | 0.0635 |
| *Gari squamosa* | 1 | 0.0091 | 0.0062 |
| *Laevicardium* sp. | 15 | 3.7839 | 1.3467 |
| *Lima* sp. | 4 | 0.1158 | 0.0515 |
| *Lioconcha ornata* | 3 | 5.5766 | 2.4012 |
| Lucinicae indet. 1 | 1 | 0.0419 | 0.0312 |
| *Modiolus philippinarum* | 153 | 5.4497 | 0.6229 |
| *Tellina* sp. | 10 | 0.8186 | 0.3350 |
| **Crustaceans** | | | |
| Alpheidae indet. 2 | 3 | 0.0223 | 0.0163 |
| Callianassidae indet. | 2 | 0.2501 | 0.1864 |
| *Hexapus (Lambdophattus)* sp. | 1 | 0.0101 | 0.0058 |
| *Macrophthalmus convexus* | 5 | 0.0632 | 0.0431 |
| *Nursia* sp. | 1 | 0.0168 | 0.0104 |
| Palaemonidae indet. | 1 | 0.0110 | 0.0093 |
| *Palicus* sp. | 1 | 0.0672 | 0.0416 |
| *Thalamita* sp. *1* | 3 | 0.0408 | 0.0238 |
| **Echinoderms** | | | |
| *Astropecten polyacanthus* | 1 | 2.2960 | 0.3807 |
| *Maretia planulata* | 1 | 0.2687 | 0.0554 |
| Amphiuridae indet. | 1 | 0.0063 | 0.0024 |
| **Chordata** | | | |
| Ascidian indet. | 1 | 0.8046 | 0.1043 |
| **Vertebrates** | | | |
| Gobiidae indet. | 1 | 0.0289 | 0.0202 |
| **Number of taxons :** **44** | | | |
| **Number of individuals :** **231** | | | |

**STATION 13**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Algae** | | | |
| *Caulerpa taxifolia* | | 0.0190 | 0.0090 |
| **Sponges** | | | |
| Sponge indet. 1 | 1 | 1.2109 | 0.4328 |
| Sponge indet. 2 | 1 | 0.2167 | 0.0107 |
| **Cnidarians** | | | |
| *Edwardsia* sp. | 2 | 0.0645 | 0.0177 |
| **Annelids** | | | |
| *Armandia* sp. cf. *leptocirrus* | 1 | 0.0002 | 0.0001 |
| *Dasybranchus* sp. | 2 | 0.3756 | 0.2742 |
| *Lumbrineris* sp.*2* | 1 | 0.0006 | 0.0004 |
| *Lysilla pacifica* | 2 | 0.0241 | 0.0171 |
| *Polydora* sp. | 1 | 0.0006 | 0.0003 |
| *Polyodontes* sp. | 1 | 0.0108 | 0.0089 |
| *Prionospio (Prionospio) lineata* | 1 | 0.0016 | 0.0009 |
| **Sipunculids** | | | |
| Sipunculid indet. 2 | 1 | 0.1136 | 0.0615 |
| **Molluscs** | | | |
| *Viriola interfilata* | 1 | 0.0650 | 0.0060 |
| **Crustaceans** | | | |
| Alpheidae indet. 2 | 2 | 0.0227 | 0.0161 |
| *Arcania* sp. | 1 | 0.0105 | 0.0065 |
| Callianassidae indet. | 1 | 0.0133 | 0.0080 |
| *Hexapus* sp. | 1 | 0.0240 | 0.0103 |
| *Pilodius* sp. | 1 | 0.0252 | 0.0156 |
| Stomatopod indet. 1 | 1 | 0.3816 | 0.2544 |
| **Echinoderms** | | | |
| *Ophiopteron elegans* | 1 | 0.0060 | 0.0021 |
| Ophiuridae indet. | 1 | 0.0402 | 0.0198 |

| | |
|---|---|
| **Number of taxons :** | **22** |
| **Number of individuals :** | **24** |

**STATION 14**

| *Taxon* | | *Nb* | *DW* | *AFDW* |
|---|---|---|---|---|
| **Algae** | | | | |
| | *Caulerpa urvilliana* | | 0.1930 | 0.1190 |
| | *Halimeda cylindracea* | | 9.4810 | 1.4330 |
| **Annelids** | | | | |
| | *Loimia ingens* | 1 | 0.0622 | 0.0367 |
| | *Notomastus* sp. | 2 | 0.0075 | 0.0063 |
| | *Sigalion mathildae* | 2 | 0.0156 | 0.0133 |
| | *Terebellides stroemi* | 5 | 0.1301 | 0.0820 |
| **Molluscs** | | | | |
| | *Malea pomum* | 1 | 0.3359 | 0.2515 |
| | *Nassarius glans* | 1 | 0.8699 | 0.3249 |
| | *Nassarius* sp. | 1 | 0.1170 | 0.0348 |
| | *Natica onca* | 1 | 0.0732 | 0.0346 |
| | *Terebellum terebellum* | 1 | 0.3705 | 0.0331 |
| | *Terebra* sp. | 1 | 0.0585 | 0.0054 |
| | *Vexillum sanguisugum* | 1 | 2.7604 | 0.1977 |
| | *Arcopagia (Pinguitellina) robusta* | 3 | 0.0116 | 0.0054 |
| | *Ctenodardia victor* | 2 | 0.2242 | 0.0957 |
| | *Laevicardium* sp. | 5 | 0.5597 | 0.0969 |
| | *Lioconcha ornata* | 4 | 0.8623 | 0.3098 |
| | *Tellina* sp. | 8 | 0.4723 | 0.1825 |
| **Crustaceans** | | | | |
| | *Hexapus (Lambdophattus) anfractus* | 2 | 0.0298 | 0.0121 |
| | *Hexapus (Lambdophattus)* sp. | 1 | 0.0401 | 0.0215 |
| **Echinoderms** | | | | |
| | *Maretia planulata* | 1 | 0.0655 | 0.0067 |
| **Chordata** | | | | |
| | Enteropneusta indet. | 1 | 0.0240 | 0.0110 |

| | |
|---|---|
| **Number of taxons :** | **24** |
| **Number of individuals :** | **44** |

**STATION 15**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Algae** | | | |
| *Avrainvillea* sp. | | 0.0100 | 0.0020 |
| *Caulerpa brachypus* | | 0.1230 | 0.0660 |
| *Caulerpa racemosa* var. *clavifera* | | 0.1720 | 0.0730 |
| *Halimeda opuntia* | | 0.3700 | 0.0190 |
| *Udotea glaucescens* | | 0.1480 | 0.0450 |
| **Annelids** | | | |
| *Glycera* sp. | 1 | 0.0006 | 0.0003 |
| *Laonome* sp. | 1 | 0.0133 | 0.0106 |
| *Loimia ingens* | 2 | 0.0576 | 0.0340 |
| *Polyodontes* sp. | 1 | 0.0085 | 0.0071 |
| *Prionospio (Prionospio) lineata* | 1 | 0.0018 | 0.0010 |
| *Streblosoma* sp. | 1 | 0.0032 | 0.0013 |
| **Sipunculids** | | | |
| Sipunculid indet. 1 | 1 | 0.0277 | 0.0080 |
| **Molluscs** | | | |
| *Acteon virgatus* | 1 | 0.2525 | 0.0292 |
| *Natica onca* | 1 | 0.8402 | 0.0633 |
| *Pupa solidula* | 1 | 0.1752 | 0.0102 |
| *Terebellum terebellum* | 3 | 1.4233 | 0.1933 |
| *Laevicardium* sp. | 7 | 1.8816 | 0.7778 |
| *Lioconcha ornata* | 4 | 2.0265 | 0.4047 |
| *Modiolus philippinarum* | 1 | 0.3088 | 0.1585 |
| *Tellina* sp. | 4 | 0.4641 | 0.0494 |
| **Crustaceans** | | | |
| Callianassidae indet. | 1 | 0.0161 | 0.0111 |
| *Portunus longispinosus* | 1 | 0.0160 | 0.0091 |
| Stomatopod indet. 2 | 1 | 0.0237 | 0.0149 |
| *Thalamita* sp. *1* | 1 | 0.1405 | 0.0834 |
| **Echinoderms** | | | |
| Holothurid indet. | 1 | 0.1901 | 0.0982 |
| **Chordata** | | | |
| Ascidian indet. | 1 | 0.4956 | 0.0502 |

**Number of taxons :** 26
**Number of individuals :** 36

**STATION 16**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Algae** | | | |
| *Avrainvillea amadelpha* | | 4.3470 | 0.9280 |
| *Halimeda incrassata* | | 0.4440 | 0.0550 |
| *Halimeda opuntia* | | 1.6680 | 0.1280 |
| *Udotea glaucescens* | | 0.0400 | 0.0090 |
| **Sponges** | | | |
| Sponge indet. 2 | 1 | 0.2768 | 0.0237 |
| **Nemerteans** | | | |
| Nemertean indet. | 1 | 0.0530 | 0.0451 |
| **Annelids** | | | |
| *Dasybranchus* sp. | 1 | 0.0299 | 0.0218 |
| *Glycera* sp. | 1 | 0.0009 | 0.0005 |
| *Polydora* sp. | 1 | 0.0005 | 0.0003 |
| *Sthenelais zeylandica* | 1 | 0.0167 | 0.0156 |
| *Terebellides stroemi* | 5 | 0.1068 | 0.0673 |
| **Lophophorians** | | | |
| *Lingula* sp. | 1 | 0.1300 | 0.0780 |
| **Molluscs** | | | |
| Cerithidae indet. 1 | 1 | 0.1051 | 0.0102 |
| *Barbatia* sp. | 2 | 1.3043 | 0.3270 |
| **Crustaceans** | | | |
| *Hexapus* sp. | 1 | 0.0082 | 0.0039 |
| Palaemonidae indet. | 3 | 0.1002 | 0.0843 |
| Sergestidae indet. | 1 | 0.0020 | 0.0019 |
| Stomatopod indet. 2 | 2 | 0.0654 | 0.0414 |
| *Tetrias fischeri* | 1 | 0.0882 | 0.0546 |
| *Thalamita* sp. *1* | 2 | 0.0690 | 0.0397 |
| *Typhlocarcinus* sp. | 2 | 0.0929 | 0.0575 |
| **Echinoderms** | | | |
| Brissidae indet. | 1 | 0.0140 | 0.0029 |
| Ophionereidae indet. | 1 | 0.0005 | 0.0001 |

| | |
|---|---|
| **Number of taxons :** | **26** |
| **Number of individuals :** | **29** |

**STATION 17**

| *Taxon* | | *Nb* | *DW* | *AFDW* |
|---|---|---|---|---|
| **Algae** | | | | |
| | *Caulerpa taxifolia* | | 0.0050 | 0.0020 |
| | *Dictyota* sp. | | 0.0470 | 0.0180 |
| | *Halimeda macrophysa* | | 0.0410 | 0.0060 |
| | *Halimeda opuntia* | | 0.2770 | 0.0150 |
| | *Valonia fastigiata* | | 0.0400 | 0.0160 |
| **Sponges** | | | | |
| | Sponge indet. 5 | 1 | 0.6586 | 0.3012 |
| **Annelids** | | | | |
| | *Cirriformia* sp. | 1 | 0.0003 | 0.0002 |
| | *Euclymene* sp. | 2 | 0.0021 | 0.0010 |
| | *Eunice complanata* | 1 | 0.0018 | 0.0013 |
| | *Glycera* sp. | 1 | 0.0011 | 0.0008 |
| | *Leiochrides australis* | 2 | 0.0015 | 0.0009 |
| | *Lumbrineris* sp.*2* | 1 | 0.0006 | 0.0004 |
| | *Phyllodoce* sp. | 1 | 0.0052 | 0.0011 |
| | *Prionospio* sp. | 1 | 0.0006 | 0.0004 |
| | *Sthenelais laevis* | 1 | 0.0018 | 0.0010 |
| **Molluscs** | | | | |
| | *Cantharidus* sp. | 1 | 0.1300 | 0.0116 |
| | Cerithidae indet. 2 | 1 | 0.1950 | 0.0180 |
| | *Tellina* sp. | 1 | 0.0082 | 0.0037 |
| **Crustaceans** | | | | |
| | Alpheidae indet. 2 | 2 | 0.0019 | 0.0015 |
| | *Macrophthalmus convexus* | 3 | 0.0188 | 0.0103 |
| | Paguridae indet. | 3 | 0.0710 | 0.0377 |
| | *Thalamita* sp. *1* | 1 | 0.1024 | 0.0623 |
| | *Thalamita* sp.*2* | 1 | 0.0065 | 0.0007 |
| | *Upogebia* sp. | 2 | 0.0104 | 0.0071 |
| **Echinoderms** | | | | |
| | Holothurid indet. | 1 | 0.1098 | 0.0656 |
| | Ophiuridae indet. | 2 | 0.0073 | 0.0021 |
| **Vertebrates** | | | | |
| | Gobiidae indet. | 3 | 0.1590 | 0.1212 |

| | |
|---|---|
| **Number of taxons :** | **29** |
| **Number of individuals :** | **33** |

**STATION 18**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Annelids** | | | |
| *Dasybranchus* sp. | 1 | 0.0015 | 0.0009 |
| *Euclymene* sp. | 5 | 0.0054 | 0.0037 |
| *Lumbrineris* sp.*2* | 1 | 0.0006 | 0.0004 |
| *Polydora* sp. | 1 | 0.0006 | 0.0003 |
| *Sigalion mathildae* | 2 | 0.0043 | 0.0029 |
| *Spio* sp. | 1 | 0.0012 | 0.0008 |
| *Terebellides stroemi* | 5 | 0.0909 | 0.0573 |
| **Sipunculids** | | | |
| *Aspidosiphon* sp. *3* | 1 | 0.0238 | 0.0157 |
| Sipunculid indet. 1 | 1 | 0.0118 | 0.0050 |
| **Molluscs** | | | |
| *Oliva carneola* | 1 | 0.2158 | 0.0208 |
| *Terebra* sp. | 1 | 0.0846 | 0.0092 |
| *Terebra undulata* | 3 | 0.3808 | 0.0461 |
| Turridae indet. 1 | 1 | 0.1170 | 0.0108 |
| *Ctenodardia victor* | 1 | 0.2036 | 0.0314 |
| *Laevicardium* sp. | 6 | 0.4515 | 0.0567 |
| *Lioconcha castrensis* | 2 | 0.6349 | 0.1696 |
| *Lioconcha ornata* | 1 | 0.0287 | 0.0050 |
| *Modiolus philippinarum* | 9 | 0.1216 | 0.0227 |
| *Tellina* sp. | 1 | 0.0102 | 0.0046 |
| *Vasticardium pulicarium* | 1 | 0.0621 | 0.0457 |
| **Crustaceans** | | | |
| Paguridae indet. | 2 | 0.0329 | 0.0139 |
| *Parthenope (Aulacolambrus) hoplonatus* | 2 | 0.0283 | 0.0159 |
| *Portunus longispinosus* | 1 | 0.0270 | 0.0117 |
| *Typhlocarcinodes* sp. | 1 | 0.0650 | 0.0580 |
| **Echinoderms** | | | |
| *Maretia planulata* | 3 | 0.2215 | 0.0133 |
| *Metalia sternalis* | 1 | 6.9581 | 0.6832 |
| Amphiuridae indet. | 2 | 0.0375 | 0.0196 |
| Ophiuridae indet. | 2 | 0.0114 | 0.0058 |
| **Chordata** | | | |
| Enteropneusta indet. | 2 | 0.0735 | 0.0353 |

| | |
|---|---|
| **Number of taxons :** | **33** |
| **Number of individuals :** | **61** |

**STATION 19**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Algae** | | | |
| *Avrainvillea amadelpha* | | 0.6610 | 0.1740 |
| *Caulerpa racemosa* var. *clavifera* | | 0.9900 | 0.5030 |
| *Halimeda incrassata* | | 0.4140 | 0.0450 |
| *Udotea glaucescens* | | 0.2490 | 0.0450 |
| **Nemerteans** | | | |
| Nemertean indet. | 2 | 0.0552 | 0.0388 |
| **Annelids** | | | |
| *Amphicteis* sp. | 1 | 0.0009 | 0.0006 |
| *Drilonereis* sp. | 1 | 0.0543 | 0.0378 |
| *Euclymene* sp. | 1 | 0.0010 | 0.0005 |
| *Loimia ingens* | 1 | 0.1101 | 0.0650 |
| *Lumbrineris* sp.*1* | 1 | 0.0007 | 0.0005 |
| *Lysilla pacifica* | 2 | 0.0203 | 0.0081 |
| *Lysippe* sp. | 4 | 0.0018 | 0.0012 |
| *Pareulepis* sp. | 2 | 0.0091 | 0.0080 |
| *Polydora* sp. | 14 | 0.0146 | 0.0101 |
| *Sigalion mathildae* | 2 | 0.0095 | 0.0076 |
| *Terebellides stroemi* | 13 | 0.3560 | 0.2243 |
| **Sipunculids** | | | |
| Sipunculid indet. 1 | 9 | 0.3593 | 0.0489 |
| **Molluscs** | | | |
| *Terebellum terebellum* | 2 | 0.4880 | 0.2477 |
| **Crustaceans** | | | |
| Alpheidae indet. 2 | 2 | 0.0173 | 0.0137 |
| Galatheidae indet. | 2 | 0.0373 | 0.1089 |
| *Hexapus (Lambdophattus) anfractus* | 2 | 0.0694 | 0.0429 |
| *Hexapus (Lambdophattus)* sp. | 2 | 0.0778 | 0.0464 |
| *Macrophthalmus convexus* | 4 | 0.1920 | 0.0826 |
| *Parthenope (Aulacolambrus) hepatus* | 1 | 0.4076 | 0.1313 |
| Penaeidae indet. | 1 | 0.0141 | 0.0022 |
| Stomatopod indet. 2 | 2 | 0.0848 | 0.0632 |
| *Thalamita* sp. *1* | 1 | 0.0115 | 0.0070 |
| **Echinoderms** | | | |
| *Metalia sternalis* | 2 | 18.2651 | 1.4802 |
| **Chordata** | | | |
| Ascidian indet. | 1 | 0.0123 | 0.0020 |

**Number of taxons :** 36
**Number of individuals :** 75

**STATION 20**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Annelids** | | | |
| *Dasybranchus* sp. | 1 | 0.0245 | 0.0179 |
| *Glycera* sp. | 3 | 0.0079 | 0.0063 |
| *Goniada* sp.*1* | 2 | 0.0017 | 0.0012 |
| *Lumbrineris* sp.*1* | 1 | 0.0005 | 0.0003 |
| *Lysilla pacifica* | 1 | 0.0057 | 0.0032 |
| *Lysippe* sp. | 1 | 0.0006 | 0.0003 |
| *Poecilochaetus* sp. | 2 | 0.0021 | 0.0014 |
| *Sigalion mathildae* | 1 | 0.0019 | 0.0011 |
| *Terebellides stroemi* | 11 | 0.1184 | 0.0746 |
| **Sipunculids** | | | |
| Sipunculid indet. 1 | 1 | 0.1255 | 0.0130 |
| **Molluscs** | | | |
| *Tellina* sp. | 1 | 0.0959 | 0.0279 |
| **Crustaceans** | | | |
| Alpheidae indet. 2 | 2 | 0.0390 | 0.0246 |
| *Hephthopelta* sp. | 1 | 0.0756 | 0.0468 |
| *Hexapus (Lambdophattus)* sp. | 4 | 0.3085 | 0.1419 |
| **Echinoderms** | | | |
| Ophiuridae indet. | 1 | 0.0107 | 0.0053 |
| **Chordata** | | | |
| Enteropneusta indet. | 3 | 0.1693 | 0.1027 |
| **Vertebrates** | | | |
| Gobiidae indet. | 1 | 0.0300 | 0.0225 |

**Number of taxons : 21**
**Number of individuals : 37**

**STATION 21**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Algae** | | | |
| *Halimeda cylindracea* | | 1.2560 | 0.1600 |
| **Sponges** | | | |
| Sponge indet. 5 | 1 | 1.9348 | 0.2854 |
| Sponge indet. 6 | 1 | 2.6146 | 0.2821 |
| **Annelids** | | | |
| *Dasybranchus* sp. | 1 | 0.0087 | 0.0064 |
| *Loimia ingens* | 1 | 0.0166 | 0.0051 |
| *Samythella* sp. | 1 | 0.0007 | 0.0006 |
| *Streblosoma* sp. | 1 | 0.0087 | 0.0053 |
| *Terebellides stroemi* | 1 | 0.0245 | 0.0154 |
| **Sipunculids** | | | |
| Sipunculid indet. 2 | 1 | 0.0720 | 0.0384 |
| **Molluscs** | | | |
| *Subcancilla interlirata* | 1 | 0.3639 | 0.0778 |
| *Ctenodardia victor* | 1 | 2.0577 | 0.5103 |
| *Lioconcha ornata* | 1 | 3.1727 | 1.0538 |
| Tellinidae indet. | 1 | 0.5892 | 0.0374 |
| **Crustaceans** | | | |
| Alpheidae indet. 2 | 3 | 0.0302 | 0.0226 |
| *Macrophthalmus convexus* | 1 | 0.0053 | 0.0024 |
| *Pilumnus* sp. | 1 | 0.0147 | 0.0091 |
| *Thalamita* sp. *1* | 1 | 0.0146 | 0.0091 |
| **Echinoderms** | | | |
| Holothurid indet. | 1 | 0.4250 | 0.2210 |
| **Vertebrates** | | | |
| Gobiidae indet. | 1 | 0.1123 | 0.0857 |

**Number of taxons :** 19
**Number of individuals :** 20

**STATION 22**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Cnidarians** | | | |
| *Edwardsia* sp. | 1 | 0.0240 | 0.0082 |
| **Nemerteans** | | | |
| Nemertean indet. | 1 | 0.0238 | 0.0205 |
| **Annelids** | | | |
| *Lysilla pacifica* | 3 | 0.0221 | 0.0157 |
| *Pareulepis* sp. | 1 | 0.0024 | 0.0016 |
| *Phyllochaetopterus* sp. | 2 | 0.0011 | 0.0007 |
| *Prionospio (Prionospio) lineata* | 1 | 0.0009 | 0.0005 |
| *Rhinothelepus* sp. | 1 | 0.0097 | 0.0061 |
| *Terebellides stroemi* | 2 | 0.0141 | 0.0089 |
| **Sipunculids** | | | |
| Sipunculid indet. 1 | 2 | 0.0571 | 0.0190 |
| **Molluscs** | | | |
| Cerithidae indet. 1 | 2 | 0.3587 | 0.0355 |
| *Terebellum terebellum* | 1 | 0.1314 | 0.0315 |
| *Laevicardium* sp. | 2 | 0.1590 | 0.0437 |
| **Crustaceans** | | | |
| Alpheidae indet. 1 | 1 | 0.0096 | 0.0071 |
| Alpheidae indet. 2 | 1 | 0.0131 | 0.0086 |
| Callianassidae indet. | 1 | 0.0115 | 0.0071 |
| *Macrophthalmus convexus* | 1 | 0.4836 | 0.2872 |
| Natantia indet. | 17 | 0.0790 | 0.0722 |
| Stomatopod indet. 2 | 2 | 0.0753 | 0.0569 |
| **Echinoderms** | | | |
| Amphiuridae indet. | 1 | 0.0151 | 0.0030 |
| Ophionereidae indet. | 1 | 0.0049 | 0.0015 |
| **Chordata** | | | |
| Enteropneusta indet. | 1 | 0.0957 | 0.0430 |
| **Vertebrates** | | | |
| Gobiidae indet. | 1 | 0.0385 | 0.0272 |

| | |
|---|---|
| **Number of taxons :** | **25** |
| **Number of individuals :** | **46** |

**STATION 23**

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Algae** | | | |
| *Caulerpa bikinensis* | | 0.4950 | 0.2850 |
| *Caulerpa sertularioides* | | 0.0630 | 0.0410 |
| *Caulerpa taxifolia* | | 0.1310 | 0.0840 |
| *Halimeda discoidea* | | 13.1140 | 3.0080 |
| *Halimeda incrassata* | | 68.7700 | 7.5500 |
| *Halimeda macroloba* | | 0.2540 | 0.0720 |
| *Halimeda opuntia* | | 71.7900 | 3.6820 |
| *Udotea glaucescens* | | 0.8820 | 0.2210 |
| **Sponges** | | | |
| Sponge indet. 2 | 3 | 4.9770 | 0.4182 |
| Sponge indet. 3 | 2 | 0.1883 | 0.0770 |
| Sponge indet. 4 | 1 | 1.4781 | 0.3127 |
| Sponge indet. 5 | 1 | 0.5990 | 0.1339 |
| **Cnidarians** | | | |
| *Trachyphyllia geoffroyi* | 1 | 117.0475 | 5.2972 |
| **Platyhelminths** | | | |
| Platyhelminth indet. | 1 | 0.0648 | 0.0545 |
| **Nemerteans** | | | |
| Nemertean indet. | 2 | 0.1317 | 0.1066 |
| **Annelids** | | | |
| *Arabella iricolor* | 4 | 0.0228 | 0.0185 |
| *Armandia* sp. cf. *leptocirrus* | 25 | 0.0755 | 0.0589 |
| *Dasybranchus* sp. | 1 | 1.2093 | 0.8828 |
| *Euclymene* sp. | 1 | 0.0012 | 0.0005 |
| *Eunice* sp. | 2 | 0.0013 | 0.0009 |
| *Eupolymnia* sp. | 1 | 0.0011 | 0.0008 |
| *Leiochrides australis* | 6 | 0.0178 | 0.0130 |
| *Linopherus* sp. | 7 | 0.0461 | 0.0420 |
| *Lumbrineris* sp.*2* | 5 | 0.0009 | 0.0007 |
| *Lysilla pacifica* | 3 | 0.0239 | 0.0104 |
| *Prionospio (Prionospio) lineata* | 6 | 0.0238 | 0.0164 |
| *Psammolyce antipoda* | 1 | 0.0525 | 0.0176 |
| *Syllis (syllis)* sp. | 3 | 0.0015 | 0.0012 |
| **Sipunculids** | | | |
| Sipunculid indet. 1 | 1 | 0.0091 | 0.0017 |
| **Molluscs** | | | |
| *Strombus fragilis* | 3 | 3.5612 | 0.2275 |
| *Codakia* sp. | 5 | 7.1363 | 1.2397 |
| *Ctenodardia victor* | 1 | 0.3424 | 0.0494 |
| *Lioconcha ornata* | 1 | 3.8089 | 1.2570 |
| *Modiolus philippinarum* | 1 | 0.3770 | 0.0863 |
| **Crustaceans** | | | |
| Alpheidae indet. 1 | 2 | 0.1937 | 0.1322 |
| Alpheidae indet. 2 | 16 | 0.2312 | 0.1647 |
| Callianassidae indet. | 3 | 0.0664 | 0.0441 |
| *Hexapus* sp. | 1 | 0.0112 | 0.0053 |
| Melitidae indet. | 4 | 0.0085 | 0.0065 |
| *Micippa philira* | 1 | 0.8253 | 0.5109 |
| *Parribacus* sp. | 1 | 0.0594 | 0.0396 |
| Pasiphaeidae indet. | 2 | 0.0402 | 0.0321 |
| Penaeidae indet. | 2 | 0.0336 | 0.0248 |
| *Phymodius* sp. | 8 | 0.7288 | 0.3242 |
| Processidae indet. | 2 | 0.1195 | 0.1027 |
| Stomatopod indet. 1 | 1 | 0.8412 | 0.5668 |
| Stomatopod indet. 2 | 10 | 0.9962 | 0.7036 |
| *Thalamita* sp. *1* | 1 | 0.2016 | 0.1182 |
| *Typhlocarcinus* sp. | 3 | 0.1646 | 0.0912 |
| **Echinoderms** | | | |
| Ophionereidae indet. | 1 | 0.0969 | 0.0521 |
| **Vertebrates** | | | |

| | | | |
|---|---|---|---|
| Gobiidae indet. | 3 | 0.1196 | 0.0889 |
| Labridae indet. | 1 | 0.0820 | 0.0615 |
| *Muraenichthys* sp. | 1 | 0.1637 | 0.1370 |
| Scorpaenidae indet. | 1 | 0.1227 | 0.0888 |
| Syngnathidae indet. | 1 | 0.0120 | 0.0090 |

**Number of taxons :** 64
**Number of individuals :** 153

## STATION 24

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Algae** | | | |
| *Caulerpa bikinensis* | | 5.2310 | 3.6580 |
| *Caulerpa brachypus* | | 0.0440 | 0.0340 |
| *Caulerpa taxifolia* | | 0.4540 | 0.3280 |
| *Halimeda discoidea* | | 16.0380 | 4.4820 |
| *Halimeda incrassata* | | 94.8050 | 10.9880 |
| *Halimeda opuntia* | | 64.6390 | 3.7470 |
| *Udotea flabellum* | | 0.3290 | 0.0500 |
| *Udotea glaucescens* | | 0.1380 | 0.0260 |
| **Sponge** | | | |
| Sponge indet. 4 | 1 | 2.4284 | 0.4830 |
| **Nemerteans** | | | |
| Nemertean indet. | 1 | 0.0281 | 0.0241 |
| **Annelids** | | | |
| *Arabella iricolor* | 2 | 0.0119 | 0.0100 |
| *Armandia* sp. cf. *leptocirrus* | 35 | 0.0981 | 0.0764 |
| *Dasybranchus* sp. | 1 | 0.0021 | 0.0013 |
| *Euclymene* sp. | 1 | 0.0014 | 0.0008 |
| *Eunice* sp. | 2 | 0.0015 | 0.0011 |
| *Goniada* sp.2 | 1 | 0.0095 | 0.0084 |
| *Leiochrides australis* | 2 | 0.0085 | 0.0062 |
| *Linopherus* sp. | 6 | 0.0154 | 0.0137 |
| *Lysilla pacifica* | 1 | 0.0064 | 0.0042 |
| *Mastobranchus trinchesii* | 3 | 0.0340 | 0.0238 |
| *Notomastus* sp. | 1 | 0.0009 | 0.0006 |
| *Syllis (syllis)* sp. | 5 | 0.0023 | 0.0002 |
| **Sipunculids** | | | |
| Sipunculid indet. 1 | 1 | 0.0464 | 0.0135 |
| **Molluscs** | | | |
| *Nassarius glans* | 1 | 0.2478 | 0.2110 |
| *Strombus fragilis* | 1 | 0.3603 | 0.0486 |
| Turridae indet. 2 | 1 | 0.0910 | 0.0081 |
| *Codakia* sp. | 10 | 16.9091 | 5.1683 |
| *Lioconcha ornata* | 1 | 0.0467 | 0.0040 |
| Lucinidae indet. 2 | 2 | 0.1065 | 0.0484 |
| *Modiolus philippinarum* | 4 | 1.1802 | 0.4306 |
| **Crustaceans** | | | |
| Alpheidae indet. 1 | 2 | 0.1461 | 0.1106 |
| Alpheidae indet. 2 | 9 | 0.0653 | 0.0491 |
| *Arcania* sp. | 2 | 0.0790 | 0.0383 |
| *Leucosia* sp. | 1 | 0.0924 | 0.0572 |
| Melitidae indet. | 1 | 0.0003 | 0.0001 |
| Paguridae indet. | 1 | 0.0147 | 0.0065 |
| *Phymodius* sp. | 2 | 0.9164 | 0.5254 |
| *Portunus longispinosus* | 1 | 0.4294 | 0.2227 |
| Processidae indet. | 2 | 0.1060 | 0.0734 |
| *Psaumis cavipes* | 1 | 0.0126 | 0.0078 |
| Stomatopod indet. 2 | 7 | 0.2917 | 0.2038 |
| *Thalamita* sp. *1* | 2 | 0.1443 | 0.0885 |
| *Thalamita* sp.*2* | 2 | 0.0160 | 0.0108 |

| | | | |
|---|---|---|---|
| *Thalmitoides tridens* | 2 | 0.0324 | 0.0196 |
| *Typhlocarcinus* sp. | 2 | 0.4998 | 0.2594 |
| *Upogebia* sp. | 2 | 0.0052 | 0.0036 |
| **Echinoderms** | | | |
| Ophionereidae indet. | 1 | 0.0061 | 0.0027 |
| **Chordata** | | | |
| Ascidian indet. | 1 | 0.5295 | 0.0944 |
| **Vertebrates** | | | |
| Gobiidae indet. | 3 | 0.0792 | 0.0606 |
| Scorpaenidae indet. | 1 | 0.2060 | 0.1545 |

**Number of taxons :** 62
**Number of individuals :** 128

## STATION 25

| *Taxon* | *Nb* | *DW* | *AFDW* |
|---|---|---|---|
| **Plants** | | | |
| *Tydemania expeditionis* | | 0.5250 | 0.0800 |
| **Sponges** | | | |
| Sponge indet. 3 | 1 | 0.0500 | 0.0239 |
| **Annelids** | | | |
| *Dasybranchus* sp. | 1 | 0.0018 | 0.0010 |
| *Lysippe* sp. | 1 | 0.0005 | 0.0003 |
| Nereidinae indet. | 1 | 0.0008 | 0.0006 |
| *Sthenelais laevis* | 1 | 0.0012 | 0.0008 |
| *Syllis (syllis)* sp. | 1 | 0.0008 | 0.0006 |
| **Sipunculids** | | | |
| *Aspidosiphon* sp. *1* | 1 | 0.1620 | 0.0864 |
| *Aspidosiphon* sp. *3* | 1 | 0.0101 | 0.0051 |
| **Molluscs** | | | |
| *Dentalium sp* | 1 | 0.0250 | 0.0070 |
| *Terebellum terebellum* | 1 | 0.1233 | 0.0156 |
| *Tellina* sp. | 4 | 0.4252 | 0.1120 |
| *Vasticardium pulicarium* | 1 | 0.4679 | 0.1022 |
| **Crustaceans** | | | |
| Alpheidae indet. 2 | 1 | 0.0091 | 0.0065 |
| *Thalamita* sp. *1* | 1 | 0.0051 | 0.0029 |
| *Typhlocarcinodes* sp. | 1 | 0.0070 | 0.0037 |
| **Echinoderms** | | | |
| Ophiuridae indet. | 1 | 0.0180 | 0.0088 |

**Number of taxons :** 18
**Number of individuals :** 19

# 5. Summary of biomasses per station

| | dry weight | | | Ash free dry weight | | |
|---|---|---|---|---|---|---|
| **Station** | **Plants** | **Animals** | **Total** | **Plants** | **Animals** | **Total** |
| **1** | 0.000 | 10.052 | 10.052 | 0.000 | 1.080 | 1.080 |
| **2** | 0.000 | 5.550 | 5.550 | 0.000 | 1.147 | 1.147 |
| **3** | 27.836 | 8.304 | 36.139 | 3.089 | 1.818 | 4.907 |
| **4** | 0.000 | 4.920 | 4.920 | 0.000 | 2.295 | 2.295 |
| **5** | 0.000 | 20.959 | 20.943 | 0.000 | 1.599 | 1.584 |
| **6** | 0.064 | 3.569 | 3.633 | 0.008 | 0.869 | 0.877 |
| **7** | 0.000 | 2.647 | 2.647 | 0.000 | 1.462 | 1.462 |
| **8** | 0.000 | 4.282 | 4.282 | 0.000 | 1.370 | 1.370 |
| **9** | 0.000 | 15.904 | 15.904 | 0.000 | 2.563 | 2.563 |
| **10** | 0.000 | 7.631 | 7.631 | 0.000 | 1.981 | 1.981 |
| **11** | 0.000 | 24.506 | 24.506 | 0.000 | 9.324 | 9.324 |
| **12** | 5.493 | 38.664 | 44.157 | 0.494 | 9.109 | 9.603 |
| **13** | 0.019 | 2.608 | 2.627 | 0.009 | 1.163 | 1.172 |
| **14** | 9.674 | 7.090 | 16.764 | 1.552 | 1.762 | 3.314 |
| **15** | 0.823 | 8.367 | 9.190 | 0.205 | 2.016 | 2.221 |
| **16** | 6.499 | 2.464 | 8.963 | 1.120 | 0.876 | 1.996 |
| **17** | 0.410 | 1.494 | 1.904 | 0.057 | 0.650 | 0.707 |
| **18** | 0.000 | 9.906 | 9.906 | 0.000 | 1.366 | 1.366 |
| **19** | 2.314 | 20.670 | 22.984 | 0.767 | 2.679 | 3.446 |
| **20** | 0.000 | 1.018 | 1.018 | 0.000 | 0.491 | 0.491 |
| **21** | 1.256 | 12.722 | 13.978 | 0.160 | 2.828 | 2.988 |
| **22** | 0.000 | 1.631 | 1.631 | 0.000 | 0.706 | 0.706 |
| **23** | 155.499 | 146.317 | 301.816 | 14.943 | 13.630 | 28.573 |
| **24** | 181.678 | 25.309 | 206.987 | 23.313 | 8.575 | 31.888 |
| **25** | 0.525 | 1.308 | 1.833 | 0.080 | 0.377 | 0.457 |
| Mean | 15.684 | 15.516 | 31.199 | 1.832 | 2.869 | 4.701 |
| SE | 9.500 | 5.888 | 14.172 | 1.100 | 0.697 | 1.643 |

# 6. References


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