

Supplement of Biogeosciences, 15, 7273–7297, 2018
<https://doi.org/10.5194/bg-15-7273-2018-supplement>
© Author(s) 2018. This work is distributed under
the Creative Commons Attribution 4.0 License.



Supplement of

Meso-zooplankton structure and functioning in the western tropical South Pacific along the 20th parallel south during the OUTPACE survey (February–April 2015)

François Carlotti et al.

Correspondence to: François Carlotti (francois.carlotti@mio.osupytheas.fr)

The copyright of individual parts of the supplement might differ from the CC BY 4.0 License.

Supplementary table

Table S1 List of zooplanktonic taxa collected and identified during the 2015 OUTPACE cruise, with average percentage of abundance within the 0-200 upper meters of the water column in the four Clusters defined in the PCA analysis on environmental variables. W-MA = Western Melanesian archipelago, CE-MA= Central and Eastern Melanesian archipelago, BL = station B, blooming conditions, and GY = subtropical gyre.

	W-MA	CE-MA	BL	GY		W-MA	CE-MA	BL	GY
COPEPODS					COPEPODS (follow)				
Copepod nauplii	10.02	8.96	9.63	9.22	<i>Phaenna spinifera</i>	0.01			
Undetermined copepodites	0.01				<i>Pleuromamma</i>	0.09	0.72	0.81	1.64
<i>Acartia</i>	0.76	0.95	0.12	0.65	<i>Sapphirina</i>	0.05	0.06	0.05	0.10
<i>Aetideus</i>		0.04			<i>Scaphocalanus</i>	0.01	0.03		
<i>Calidae</i>	1.44	1.70	1.73	1.25	<i>Scolecithrix</i>	0.09	0.26		0.00
<i>Calanopia</i>	0.05	0.38	0.55	0.21	<i>Scottocalanus</i>		0.00		
<i>Calanus</i>	0.17	0.08	0.13	0.01	<i>Subeucalanus / Eucalanus</i>	0.09	0.01		
<i>Candacia</i>	0.27	0.33	0.36	0.42	<i>Temora</i>	0.60	0.34	0.33	0.07
<i>Calocalanus</i>	2.68	1.81	1.34	1.53	OTHER CRUSTACEANS				
<i>Centropages</i>	0.05	0.03		0.04	Amphipoda	0.02	0.01	0.15	0.04
<i>Clausocalanus/Paracalanus</i>	18.83	17.28	16.04	24.70	Euphausiacea	0.18	0.37	0.39	0.22
<i>Clytemnestra</i>	0.01	0.03	0.03		Lucifer	0.01	0.06		
<i>Copilia</i>	0.17	0.12	0.17	0.14	Ostraca	2.01	2.38	4.26	2.22
<i>Corycaeus</i>	5.29	4.20	3.04	8.90	Pseudoevadne	0.04			0.34
<i>Cosmocalanus darwini</i>			0.05		GELATINOUS				
<i>Ctenocalanus</i>		0.12			Appendicularia	15.00	13.34	11.90	11.44
<i>Cyclopoida</i>		0.01		0.03	Doliolida	0.18	0.09	0.39	0.21
<i>Eucalanus</i>	0.08	0.17	1.23	0.33	Salpidae	0.14	0.10	0.08	0.30
<i>Euchaeta/Paraeuchaeta</i>	0.06	0.10	0.03	0.07	Siphonophora	0.24	0.26	0.14	0.24
<i>Euterpina acutifrons</i>	0.02	0.06			Hydrozoa	0.06	0.06	0.19	0.04
<i>Haloptilus</i>	0.25	0.30	0.56	0.33	Chaetognatha	2.13	2.56	1.98	0.60
<i>Harpacticoida</i>	0.01				MOLLUSCS				
<i>Heteroabdus</i>	0.05	0.08	0.05	0.14	Thecosomata	5.29	3.81	2.24	1.95
<i>Lubbockia</i>	0.10	0.07	0.24	0.10	MEROPLANKTON				
<i>Lucicutia</i>	1.11	1.27	1.54	1.41	Decapod larvae	0.01	0.12		
<i>Macrosetella gracilis</i>	0.11	0.05	0.73	0.03	Cephalopod larvae	0.02			
<i>Mecynocera clausi</i>	1.20	1.64	1.17	2.03	Cirripedia larvae		0.01		
<i>Mesocalanus/Neocalanus</i>	0.08	0.05	0.18	0.07	Echinoderm larvae		0.02	0.03	
<i>Microsetella</i>	3.08	4.13	4.38	2.83	Lamellibranch larvae	0.17	0.41	0.12	0.32
<i>Miracia efferata</i>	0.01	0.05	0.08		Gasteropod larvae			0.08	
<i>Mormonilla/Neomormonilla</i>	0.08	0.23	0.13	0.12	Polychaets larvae	0.28	0.21	0.51	0.43
<i>Nannocalanus minor</i>	0.32	0.36	0.05	0.04	Teleostei eggs		0.06		
<i>Oithona</i>	12.90	15.89	13.16	13.54	Teleostei larvae		0.03	0.03	0.00
<i>Oncaea</i>	13.88	14.10	19.53	11.65	Branchiostoma	0.01			
<i>Paracalanus</i>	0.13	0.03	0.05	0.03	Larvae unknown	0.05	0.05	0.05	0.07