

Macroinvertebrate variability between microhabitats of peritidal stromatolites along the South African coast

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Table S1: Mean abundance (n per cm³) for each invertebrate species at three stromatolites pools along the South African coastline near Port Elizabeth during September 2015 (end of austral winter) and January 2016 (austral summer).

			Winter					
Class	Mesofabric type	Species (or Family)	Rimstone	Pustular	Colloform	Laminar flat	Wrinkled laminar	
Malacostraca	Amphipoda	<i>Grandidierella lutosa</i>	0	0	0	0	0	
		<i>Melita zeylanica</i>	0	0.20 ± 0.08	0.25 ± 0.18	0	0	
		<i>Euorchestia rectipalma</i>	0.32 ± 0.16	0.38 ± 0.55	0.40 ± 0.46	0.73 ± 0.32	0.83 ± 0.75	
	Tanaidacea	Isopoda	<i>Americorophium triaenonyx</i>	0	0.29 ± 0.21	0.24 ± 0.17	0	0.29 ± 0
			<i>Sinelobus stromatoliticus</i>	1.07 ± 1.23	1.99 ± 3.18	0.79 ± 1.08	0.21 ± 0.08	0.56 ± 0.45
		Isopoda	<i>Pseudosphaeroma barnardi</i>	0.15 ± 0	0	0.29 ± 0.14	0	1.39 ± 1.76
			<i>Amakusanthura africana</i>	0	0.20 ± 0.08	0	0	0
			<i>Cyathura estuaria</i>	0	0	0	0	0
			unid. (Flabellifera)	0	0	0	0	0
			<i>Ectias angusta</i>	0	0.15 ± 0	0.15 ± 0	0	0.15 ± 0
<i>Synidotea variegata</i>	0	0.29 ± 0	0.39 ± 0.22	0	0			
Polychaeta	Phyllodocida	<i>Composetia cf. keiskama</i>	0	1.64 ± 4.12	0.26 ± 0.19	0.15 ± 0.12	0.18 ± 0.07	
Clitellata	Haplotaxida	unid. (Naididae)	1.50 ± 1.78	2.29 ± 3.22	0.22 ± 0.10	1.17 ± 1.51	0.68 ± 0.81	
Insecta	Diptera	unid. (Chironomidae)	0.34 ± 0.22	0.89 ± 0.72	0.86 ± 0.69	0.82 ± 1.04	1.20 ± 0.96	
		<i>Dasyhelea</i> sp.	0.34 ± 0.17	0.15 ± 0	0	0	0.15 ± 0	
Ostracoda	Podocopida	<i>Physocypria capensis</i>	0	0.27 ± 0.12	0.98 ± 0.82	0.15 ± 0	0	
Gastropoda	Littorinimorpha	<i>Hydrobia knysnaensis</i>	0	0.15 ± 0	0.15 ± 0	0	0	
Arachnida	Prostigmata	unid. (Microtrombidiidae)	0	0.15 ± 0	0	2.94 ± 0	0.44 ± 0	
	Mesostigmata	<i>Platytrombidium cf. africanum</i>	0	0	0	0	0	

			Summer				
Mesofabric type			Rimstone	Pustular	Colloform	Laminar flat	Wrinkled laminar
Class	Order	Species (or Family)					
Malacostraca	Amphipoda	<i>Grandidierella lutosa</i>	0.15 ± 0	0	0	0.15 ± 0	0.29 ± 0
		<i>Melita zeylanica</i>	0	0.29 ± 0	0.24 ± 0.12	0.15 ± 0	0.15 ± 0
		<i>Euorchestia rectipalma</i>	0.76 ± 0.93	0.23 ± 0.20	0.23 ± 0.14	0.20 ± 0.08	2.69 ± 5.61
		<i>Americorophium triaenonyx</i>	0	0	0	0	0
	Tanaidacea	<i>Sinelobus stromatoliticus</i>	0.62 ± 0.67	0.68 ± 0.69	0.22 ± 0.11	1.08 ± 0.98	0.59 ± 0.51
	Isopoda	<i>Pseudosphaeroma barnardi</i>	0	0.36 ± 0.25	0.29 ± 0.22	0.15 ± 0	0.39 ± 0.22
		<i>Amakusanthura africana</i>	0	0	0.29 ± 0.21	0.15 ± 0	0
		<i>Cyathura estuaria</i>	0	0	0.15 ± 0	0.29 ± 0	0.15 ± 0
		unid. (Flabellifera)	0	0	0.29 ± 0	0	0
		<i>Ectias angusta</i>	0	0	0	0	0.15 ± 0
		<i>Synidotea variegata</i>	0	0	0	0	0
Polychaeta	Phyllodocida	<i>Composetia cf. keiskama</i>	0.29 ± 0.17	0.37 ± 0.22	0.54 ± 0.73	0.20 ± 0.08	0.46 ± 0.23
Clitellata	Haplotaxida	unid. (Naididae)	2.78 ± 3.08	1.44 ± 1.87	2.35 ± 1.63	1.17 ± 1.65	0.39 ± 0.31
Insecta	Diptera	unid. (Chironomidae)	0.88 ± 1.04	0.53 ± 0.47	0.66 ± 0.80	0.44 ± 0.35	1.02 ± 0.68
		<i>Dasyhelea</i> sp.	0.33 ± 0.19	0.15 ± 0	0	0	0.15 ± 0
Ostracoda	Podocopida	<i>Physocypria capensis</i>	0	0.66 ± 0.45	0.81 ± 0.61	0.66 ± 0	0.15 ± 0
Gastropoda	Littorinimorpha	<i>Hydrobia knysnaensis</i>	0	0	0	0	0
Arachnida	Prostigmata	unid. (Microtrombidiidae)	0	0	0	0	0.15 ± 0
	Mesostigmata	<i>Platytrombidium cf. africanum</i>	0	0	0	0.15 ± 0	0