

Table S2. Mean species density ($\pm$ s.d.), total number of individuals, and mean number of individuals for each fish species per 100 m², categorized by zone and time studied.

Fish metrics			Lava flows 2 months	Control zone 2 months	Lava flows 4.5 months	Control zone 4.5 months	Lava flows 7 months	Control zone 7 months
Species density			2.72 $\pm$ 1.40	6.93 $\pm$ 1.15	2.62 $\pm$ 1.13	5.33 $\pm$ 1.59	4.48 $\pm$ 1.45	6.00 $\pm$ 1.56
Total number of individuals			21.83 $\pm$ 24.76	59.72 $\pm$ 30.03	16.58 $\pm$ 30.58	61.19 $\pm$ 46.32	76.30 $\pm$ 116.54	69.96 $\pm$ 67.31
Species	Family	Order						
<i>Enchelycore anatina</i> (Lowe. 1838)	Muraenidae	Anguilliformes		0.06 $\pm$ 0.23				
<i>Muraena augusti</i> (Kaup. 1856)	Muraenidae	Anguilliformes		0.17 $\pm$ 0.51				0.07 $\pm$ 0.26
<i>Synodus saurus</i> (Linnaeus. 1758)	Synodontidae	Aulopiformes					0.04 $\pm$ 0.19	
<i>Synodus synodus</i> (Linnaeus. 1758)	Synodontidae	Aulopiformes		0.06 $\pm$ 0.23				
<i>Ophioblennius atlanticus</i> (Valenciennes. 1836)	Blenniidae	Blenniiformes		0.78 $\pm$ 1.70		0.22 $\pm$ 0.42		0.15 $\pm$.60
<i>Pseudocaranx dentex</i> (Bloch & Schneider. 1801)	Carangidae	Carangiformes	0.05 $\pm$ 0.23					
<i>Pomadasys incisus</i> (Bowdich. 1825)	Haemulidae	Eupercaria <i>incertae sedis</i>	0.06 $\pm$ 0.23			0.04 $\pm$ 0.19		0.04 $\pm$ 0.19
<i>Symphodus trutta</i> (Lowe. 1834)	Labridae	Eupercaria <i>incertae sedis</i>		0.06 $\pm$ 0.23				
<i>Thalassoma pavo</i> (Linnaeus. 1758)	Labridae	Eupercaria <i>incertae sedis</i>	11.56 $\pm$ 17.61	33.22 $\pm$ 31.21	2.12 $\pm$ 2.25	36.33 $\pm$ 40.77	15.74 $\pm$ 56.93	32.04 $\pm$ 53.82
<i>Sparisoma cretense</i> (Linnaeus. 1758)	Scaridae	Eupercaria <i>incertae sedis</i>	0.94 $\pm$ 1.30	5.56 $\pm$ 4.26	0.54 $\pm$ 1.42	4.67 $\pm$ 6.11	8.15 $\pm$ 7.98	5.00 $\pm$ 6.07
<i>Boops boops</i> (Linnaeus. 1758)	Sparidae	Eupercaria <i>incertae sedis</i>	1.00 $\pm$ 2.67	1.39 $\pm$ 5.89	6.92 $\pm$ 24.62	7.22 $\pm$ 16.31	18.89 $\pm$ 96.17	9.26 $\pm$ 39.31
<i>Diplodus cervinus</i> (Lowe. 1838)	Sparidae	Eupercaria <i>incertae sedis</i>		0.11 $\pm$ 0.32		0.15 $\pm$ 0.60	0.11 $\pm$.32	0.11 $\pm$ 0.32
<i>Diplodus sargus</i> (Linnaeus. 1758)	Sparidae	Eupercaria <i>incertae sedis</i>	0.06 $\pm$ 0.23	0.17 $\pm$ 0.38	0.12 $\pm$ 0.58	0.04 $\pm$ 0.19		0.07 $\pm$ 0.26
<i>Diplodus vulgaris</i> (Geoffroy Saint-Hilaire. 1817)	Sparidae	Eupercaria <i>incertae sedis</i>					0.22 $\pm$ 0.97	0.04 $\pm$ 0.19
<i>Oblada melanura</i> (Linnaeus. 1758)	Sparidae	Eupercaria <i>incertae sedis</i>	7.67 $\pm$ 23.84	2.56 $\pm$ 6.45		0.41 $\pm$ 1.52		1.41 $\pm$ 5.25
<i>Pagellus erythrinus</i> (Linnaeus. 1758)	Sparidae	Eupercaria <i>incertae sedis</i>		0.06 $\pm$ 0.23		0.07 $\pm$ 0.38		0.07 $\pm$ 0.26
<i>Sarpa salpa</i> (Linnaeus. 1758)	Sparidae	Eupercaria <i>incertae sedis</i>					4.63 $\pm$ 17.03	
<i>Gnatholepis thompsoni</i> Jordan. 1904	Gobiidae	Gobiiformes		0.06 $\pm$ 0.23				
<i>Apogon imberbis</i> (Linnaeus. 1758)	Apogonidae	Kurtiformes		0.11 $\pm$ 0.32		0.22 $\pm$ 1.15		
<i>Taeniura grabata</i> (Geoffroy Saint-Hilaire. 1817)	Dasyatidae	Myliobatiformes				0.04 $\pm$ 0.19		
<i>Abudefduf saxatilis</i> (Linnaeus. 1758)	Pomacentridae	Ovalentaria <i>incertae sedis</i>	0.06 $\pm$ 0.23					
<i>Chromis limbata</i> (Valenciennes. 1833)	Pomacentridae	Ovalentaria <i>incertae sedis</i>	4.28 $\pm$ 12.46	3.06 $\pm$ 8.16	1.35 $\pm$ 5.86	2.26 $\pm$ 6.46	3.26 $\pm$ 10.64	3.56 $\pm$ 6.84
<i>Similiparma lurida</i> (Cuvier. 1830)	Pomacentridae	Ovalentaria <i>incertae sedis</i>	0.50 $\pm$ 1.20	7.94 $\pm$ 5.31	1.15 $\pm$ 1.19	6.19 $\pm$ 5.13	1.81 $\pm$ 1.46	7.67 $\pm$ 5.71
<i>Scorpaena maderensis</i> Valenciennes. 1833	Scorpaenidae	Perciformes		0.06 $\pm$ 0.23				0.11 $\pm$ 0.32
<i>Epinephelus costae</i> (Steindachner. 1878)	Serranidae	Perciformes				0.04 $\pm$ 0.19		
<i>Mycteroperca fusca</i> (Lowe. 1838)	Serranidae	Perciformes		0.11 $\pm$ 0.32		0.11 $\pm$ 0.32	0.04 $\pm$ 0.19	0.22 $\pm$ 0.80
<i>Serranus atricauda</i> Günther. 1874	Serranidae	Perciformes	0.06 $\pm$ 0.23	0.11 $\pm$ 0.32		0.04 $\pm$ 0.19	0.07 $\pm$ 0.26	
<i>Aulostomus strigosus</i> Wheeler. 1955	Aulostomidae	Sygnathiformes		0.67 $\pm$ 0.76	0.08 $\pm$ 0.27	0.70 $\pm$ 0.19	0.04 $\pm$ 0.19	0.85 $\pm$ 0.77
<i>Balistes caprisicus</i> Gmelin. 1789	Balistidae	Tetraodontiformes						0.04 $\pm$ 0.19
<i>Chilomycterus reticulatus</i> (Linnaeus. 1758)	Diodontidae	Tetraodontiformes						
<i>Aluterus scriptus</i> (Osbeck. 1765)	Monacanthidae	Tetraodontiformes					0.04 $\pm$ 0.19	0.04 $\pm$ 0.19
<i>Stephanolepis hispidus</i> (Linnaeus. 1766)	Monacanthidae	Tetraodontiformes	0.11 $\pm$ 0.32	0.11 $\pm$ 0.32		0.04 $\pm$ 0.19		
<i>Canthigaster capistrata</i> (Lowe. 1839)	Tetraodontidae	Tetraodontiformes	0.22 $\pm$ 0.73	2.44 $\pm$ 2.59	4.19 $\pm$ 4.06	1.96 $\pm$ 2.41	22.96 $\pm$ 18.21	8.85 $\pm$ 18.21
<i>Sphoeroides marmoratus</i> (Lowe. 1838)	Tetraodontidae	Tetraodontiformes	0.28 $\pm$ 0.57	0.89 $\pm$ 0.96	0.12 $\pm$ 0.43	0.44 $\pm$ 0.75	0.26 $\pm$ 0.52	0.37 $\pm$ 0.26