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Spatial and temporal distribution of mesozooplankton in the coastal waters of Cyprus (Eastern Mediterranean)

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Table S1. List of all the zooplanktonic taxa found in the samples taken from the coasts of Cyprus during 2017-2019.

ZOOPLANKTONIC TAXA				
HOLOPLANKTON				
COPEPODS	40	<i>Phaenna spinifera</i> Claus, 1863		
1	<i>Acartia clausi</i> Giesbrecht, 1889	41		
2	<i>Acartia negligens</i> Dana, 1849	42		
3	<i>Calocalanus pavo</i> (Dana, 1852)	43		
4	<i>Calocalanus pavoninus</i> Farran, 1936	44		
5	<i>Calocalanus</i> sp. Giesbrecht, 1888	45		
6	<i>Candacia armata</i> Boeck, 1872	CLADOCERANS		
7	<i>Candacia simplex</i> (Giesbrecht, 1889)	46	<i>Evadne spinifera</i> P.E. Müller, 1867	
8	<i>Centropages kroyeri</i> Giesbrecht, 1893	47	<i>Penillia avirostris</i> Dana, 1849	
9	<i>Centropages typicus</i> Krøyer, 1849	48	<i>Pseudevadne tergestina</i> Claus, 1877	
10	<i>Centropages violaceus</i> (Claus, 1863)	CHAETOGNATHS		
11	<i>Clausocalanus arcuicornis</i> (Dana, 1849)	49	<i>Decipisagitta decipiens</i> (Fowler, 1905)	
12	<i>Clausocalanus furcatus</i> (Brady, 1883)	50	<i>Flaccisagitta enflata</i> (Grassi, 1881)	
13	<i>Clausocalanus parapergens</i> Frost & Fleminger, 1968	51	<i>Flaccisagitta hexaptera</i> (d'Orbigny, 1836)	
14	<i>Clausocalanus</i> sp. Giesbrecht, 1888	52	<i>Krohnitta subtilis</i> (Grassi, 1881)	
15	<i>Copilia</i> sp.	53	<i>Mesosagitta minima</i> (Grassi, 1881)	
16	<i>Corycaeus crassiusculus</i> Dana, 1849	54	<i>Pseudosagitta lyra</i> (Krohn, 1853)	
17	<i>Corycaeus typicus</i> (Krøyer, 1849)	55	<i>Sagitta bipunctata</i> Quoy & Gaimard, 1827	
18	<i>Ditrichocorycaeus lubbocki</i> (Giesbrecht, 1891)	56	<i>Serratosagitta serratodentata</i> (Krohn, 1853)	
19	<i>Euchaeta marina</i> (Prestandrea, 1833)	APPENDICULARIANS		
20	<i>Euchirella messinensis</i> (Claus, 1863)	57	<i>Fritillaria borealis</i> Lohmann, 1896	
21	<i>Euterpina acutifrons</i> (Dana, 1847)	58	<i>Oikopleura dioica</i> Fol, 1872	
22	<i>Farranula rostrata</i> (Claus, 1863)	THALIACEANS		
23	<i>Goniopsyllus rostratus</i> Brady, 1883	59	<i>Doliolina muelleri</i> (Krohn, 1852)	
24	<i>Haloptilus longicornis</i> (Claus, 1863)	60	<i>Thalia democratica</i> (Forskål, 1775)	
25	<i>Heterorhabdus papilliger</i> (Claus, 1863)	EUPHAUSIIDS		
26	<i>Isias clavipes</i> Boeck, 1865	61	Furcilia stage	
27	<i>Lubbockia squillimana</i> Claus, 1863	MYSIDS		
			MEDUSAE	
			70	
			71	
			DECAPODS	
			72	
			MOLLUSKS	
			73	
			74	
			POLYCHAETS	
			75	
			MEROPLANKTON	
			DECAPODS (larvae)	
			76	
			77	
			78	
			79	
			80	
			81	
			82	
			83	
			MOLLUSKS (larvae)	
			84	
			85	
			86	
			ECHINODERMS (larvae)	
			87	

Continued

Table S1 continued

28	<i>Lucicutia flavicornis</i> (Claus, 1863)	62	<i>Anchialina agilis</i> (G.O. Sars, 1877)	POLYCHAETS (larvae)
29	<i>Lucicutia ovalis</i> (Giesbrecht, 1889)	63	<i>Siriella</i> Dana, 1850	88 Alcyopidae
30	<i>Lucicutia</i> sp.		AMPHIPODS	89 Amphioditidae
31	<i>Macrosetella gracilis</i> (Dana, 1847)	64	<i>Hyperia</i> Latreille, 1823	90 CIRRIPEDS (larvae)
32	<i>Mecynocera clausii</i> Thompson I.C., 1888	65	<i>Vibilia armata</i> Bovallius, 1887	
33	<i>Mesocalanus tenuicornis</i> (Dana, 1849)	66	OSTRACODS	
34	<i>Nannocalanus minor</i> (Claus, 1863)		SIPHONOPHORES	
35	<i>Oithona plumifera</i> Baird, 1843	67	<i>Bassia bassensis</i> (Quoy & Gaimard, 1833)	
36	<i>Oithona setigera</i> (Dana, 1849)	68	<i>Eudoxoides</i> sp.	
37	Oncaeidae	69	<i>Lensia</i> sp.	
38	<i>Paracalanus parvus</i> (Claus, 1863)			
39	<i>Pareucalanus attenuatus</i> (Dana, 1849)			

Table S2. The numerical results of the PCA analysis on the abundance (ind./m³) of the zooplanktonic taxa collected in the four sampling sites (Latsi, Amathounta, Meneou and Protaras) during 2017-2019.

Axes	1	2	3	4	Total variance
Eigenvalues:	0.229	0.145	0.105	0.087	1.000
Cumulative percentage variance of species data:	22.9	37.4	47.9	56.6	
Sum of all eigenvalues					1.000

Table S3. The numerical results of the first two axes of the RDA analysis on the abundance (ind./m³) of the zooplanktonic taxa and the environmental parameters measured in the surface of the four sampling sites (Latsi, Amathounta, Meneou and Protaras) during 2017-2019.

Environmental variables	Axis 1	Axis 2
Temperature (Temp)	0.63	0.04
Salinity (Sal)	-0.06	0.43
Dissolved oxygen (DO)	-0.44	-0.39
Chlorophyll- α (Chl α)	-0.36	0.24
pH	0.16	0.66
Eigenvalues	0.186	0.074
Species-environment correlation	0.913	0.823
Cumulative percentage variance		
(i) of species data	18.6	26.0
(ii) of species-environment relation	54.6	76.4
Sum of all eigenvalues:		1.000
Sum of canonical eigenvalues		0.340