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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	*Phaenna spinifera* Claus, 1863		**MEDUSAE**
1	*Acartia clausi* Giesbrecht, 1889	41	*Pleuromamma gracilis* Claus, 1863	70	*Eutima gegenbauri* (Haeckel, 1864)
2	*Acartia negligens* Dana, 1849	42	*Pontella mediterranea* (Claus, 1863)	71	*Sarsia* Lesson, 1843
3	*Calocalanus pavo* (Dana, 1852)	43	*Sapphirina nigromaculata* Claus, 1863		**DECAPODS**
4	*Calocalanus pavoninus* Farran, 1936	44	*Scolecithricella tenuiserrata* (Giesbrecht, 1892)	72	*Lucifer* J.V. Thompson, 1829
5	*Calocalanus* sp. Giesbrecht, 1888	45	*Temora stylifera* (Dana, 1849)		**MOLLUSKS**
6	*Candacia armata* Boeck, 1872		**CLADOCERANS**	73	Pteropods
7	*Candacia simplex* (Giesbrecht, 1889)	46	*Evadne spinifera* P.E. Müller, 1867	74	*Pterotrachea* Forsskål in Niebuhr, 1775
8	*Centropages kroyeri* Giesbrecht, 1893	47	*Penillia avirostris* Dana, 1849		**POLYCHAETS**
9	*Centropages typicus* Krøyer, 1849	48	*Pseudevadne tergestina* Claus, 1877	75	Tomopteridae
10	*Centropages violaceus* (Claus, 1863)		**CHAETOGNATHS**		
11	*Clausocalanus arcuicornis* (Dana, 1849)	49	*Decipisagitta decipiens* (Fowler, 1905)		
12	*Clausocalanus furcatus* (Brady, 1883)	50	*Flaccisagitta enflata* (Grassi, 1881)		**MEROPLANKTON**
13	*Clausocalanus parapergens* Frost & Fleminger, 1968	51	*Flaccisagitta hexaptera* (d'Orbigny, 1836)		**DECAPODS (larvae)**
14	*Clausocalanus* sp. Giesbrecht, 1888	52	*Krohnitta subtilis* (Grassi, 1881)	76	*Athanas nitescens* (Leach, 1813)
15	*Copilia* sp.	53	*Mesosagitta minima* (Grassi, 1881)	77	*Acanthephyra* sp.
16	*Corycaeus crassiusculus* Dana, 1849	54	*Pseudosagitta lyra* (Krohn, 1853)	78	*Callianassa subterranea* (Montagu, 1808)
17	*Corycaeus typicus* (Krøyer, 1849)	55	*Sagitta bipunctata* Quoy & Gaimard, 1827	79	*Carcinus aestuarii* Nardo, 1847
18	*Ditrichocorycaeus lubbocki* (Giesbrecht, 1891)	56	*Serratosagitta serratodentata* (Krohn, 1853)	80	*Ethusa mascarone* (Herbst, 1785)
19	*Euchaeta marina* (Prestandrea, 1833)		**APPENDICULARIANS**	81	*Palinurus mauritanicus* Gruvel, 1911
20	*Euchirella messinensis* (Claus, 1863)	57	*Fritillaria borealis* Lohmann, 1896	82	*Squilla mantis* (Linnaeus, 1758)
21	*Euterpina acutifrons* (Dana, 1847)	58	*Oikopleura dioica* Fol, 1872	83	*Upogebia* Leach, 1814
22	*Farranula rostrata* (Claus, 1863)		**THALIACEANS**		**MOLLUSKS (larvae)**
23	*Goniopsyllus rostratus* Brady, 1883	59	*Doliolina muelleri* (Krohn, 1852)	84	Cephalopod larvae
24	*Haloptilus longicornis* (Claus, 1863)	60	*Thalia democratica* (Forskål, 1775)	85	Gastropod larvae
25	*Heterorhabdus papilliger* (Claus, 1863)		**EUPHAUSIIDS**	86	*Mytilus galloprovincialis* Lamarck, 1819
26	*Isias clavipes* Boeck, 1865	61	Furcilia stage		**ECHINODERMS (larvae)**
27	*Lubbockia squillimana* Claus, 1863		**MYSIDS**	87	*Luidia sarsii* Düben & Koren in Düben, 1844

Continued

Table S1 continued

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

Table S2. The numerical results of the PCA analysis on the abundance (ind./m^3) 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./m^3) 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 (Chlα)	-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