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Supplementary Materials

Chaetognaths (Chaetognatha: Sagittoidea) at the Boundary of the Pacific Ocean and the Gulf of California: their Relationship with the Summer Circulation Pattern

Mitzi Paulina de La Rosa-Bernal[1], Elizabeth Durán-Campos[2*], María Adela Monreal-Gómez[3*], Erik Coria-Monter[3], David Alberto Salas-de-León[3] and Sergio Cházaro-Olvera[4]

Supplementary Tables S1 and S2

Table S1. Species richness and density values of Chaetognaths (ind 100 m^{-3}) at the boundary of the Pacific Ocean and the Gulf of California during early summer of 2019.

	Station number													
Chaetognaths	1	2	3	4	5	6	7	8	9	10	11	12	13	Mean Density (ind 100 m^{-3})
Aidanosagitta neglecta (Aida, 1897)	0	0	0	37	0	11	0	0	0	0	0	0	0	**3.7**
Aidanosagitta regularis (Aida, 1897)	0	34	0	25	29	76	252	140	47	37	162	0	0	61.7
Decipisagitta decipiens (Fowler, 1905)	57	11	0	12	106	76	0	209	47	49	0	0	0	43.6
Ferosagitta robusta (Doncaster, 1902)	0	0	0	0	0	0	0	0	140	0	0	0	0	10.8
Flaccisagitta enflata (Grassi, 1881)	565	360	1005	849	1328	1686	1698	1885	3263	1391	1036	453	623	**1241.7**
Mesosagitta minima (Grassi, 1881)	57	11	0	12	10	11	16	279	0	0	130	0	0	40.5
Parasagitta euneritica (Alvariño, 1961)	0	0	38	75	29	54	126	0	163	25	0	0	31	41.6
Sagitta bipunctata Quoy & Gaimard, 1827	28	0	50	12	10	11	126	0	0	0	0	0	0	18.2
Serratosagitta bierii (Alvariño, 1961)	170	0	0	0	19	11	16	209	210	74	49	45	156	73.8
Serratosagitta serratodentata (Krohn, 1853)	283	0	0	37	10	0	79	105	117	0	340	0	0	74.7
Zonosagitta bedoti (Béraneck, 1895)	28	0	0	0	19	0	63	489	70	12	0	0	0	52.4
Eukrohnia fowleri Ritter-Záhony, 1909	0	23	0	0	10	11	16	0	0	12	0	0	0	5.5
Eukrohnia hamata (Möbius, 1875)	57	11	0	0	0	0	0	0	70	0	0	0	0	10.6
Krohnitta pacifica (Aida, 1897)	141	0	13	0	0	0	0	140	0	25	49	0	0	28.3
Krohnitta subtilis (Grassi, 1881)	57	23	13	12	0	0	47	105	0	0	0	0	0	19.8
Mean density for each sampling site	96.2	31.5	74.6	71.4	104.7	129.8	162.6	237.4	**275.1**	108.3	117.7	33.2	54.0	

Table S2. Coefficients involved in each of the components.

Variable	PC1	PC2	PC3
Temperature	0.514	−0.456	−0.032
Salinity	−0.087	−0.266	−0.881
Chlorophyll-*a*	−0.38	−0.541	0.127
Dissolved oxygen	0.529	−0.32	−0.063
Velocity component U	0.547	0.258	0.094
Velocity componentV	0.067	0.51	−0.441