

SUPPLEMENTARY MATERIAL

**Table S1.** Summer (S) and winter (W) abundance and feeding guilds (FG) of dominant taxa (family level) in Bahía de los Ángeles. The guilds are carnivores (C), herbivores (H), omnivores (O), filter feeders (F), deposit feeders (D), and scavengers (S). The asterisk indicates new records for the study site.

**Table S1.** Abundancia en verano (S) e invierno (W) y gremios de alimentación (FG) de taxones dominantes (a nivel de familia) en bahía de los Ángeles. Los gremios son carnívoros (C), herbívoros (H), omnívoros (O), filtradores (F), detritívoros (D) y carroñeros (S). El asterisco indica nuevo registro para el sitio de estudio.

Polychaeta	S	W	FG	Crustacea	S	W	FG	Mollusca	S	W	FG	Anthozoa	S	W	Echinodermata	S	W	Cephalochordata	S	W
Ampelariidae	1	8	D	Ampeliscidae	13	9	C, F, D, O	Acteonidae	1	40	C	Aiptasiidae	0	1	Amphiuridae	2	16	*Branchiostomatidae	16	10
Amphinomidae	0	1	C	Ampithoidae	0	1	H, D	Arcidae	1	6	F, O	*Diadumenidae	25	181	*Ophiacanthidae	0	1			
Arabellidae	1	0	C	Anthuridae	3	2	C, D	Buccinidae	0	20	C, S				Ophiactidae	1	3			
Capitellidae	44	13	D, O	Aoridae	0	22	F, D, O	Calyptraeidae	4	0	F				Ophiotrichidae	0	2			
Chaetopteridae	1	0	F, D	Cirolanidae	0	1	S	Cardiidae	54	19	F				Ophiuridae	1	0			
Cirratulidae	28	124	D	Corophiidae	3	68	F, D, O	Carditidae	7	6	F									
Dorvilleidae	0	4	C, H	Crangonidae	8	0	C, D	Columbellidae	587	0	O, H									
Eunicidae	6	1	C, O	Cypridae	1	0	C, F, D	Conidae	4	6	C									
Flabelligeridae	2	6	D	Cytherellidae	1	0	F, D	Crassatellidae	14	19	C									
Glyceridae	19	28	C, D	Cytheruridae	1	0	F, D, S	Cylichnidae	1,644	541	C									
Goniadidae	74	40	C, S	Diastylidae	1	11	F, S	Dentallidae	392	0	F									
Hesionidae	4	7	C	Diogenidae	2	2	F, D	Donacidae	60	22	F									
Lumbrineridae	3	5	C, S, H	Eusiridae	4	8	O, H	Epitonidae	27	13	C									
Magelonidae	3	6	F, D	Gammaridae	0	15	O, D, H	Eulimidae	32	0	C									
Maldanidae	7	4	D	Isaeidae	1	0	F, O	Glycymeritidae	41	16	F									
Nephtyidae	40	23	C, D	*Janiridae	0	6	O, S, H	*Lacumidae	6	0	D									
Nereididae	2	29	DO	Lysianassidae	0	4	S	*Lasaeidae	402	0	D									
Onuphidae	11	10	O, S, H	Majidae	0	2	O	Lottidae	0	25	H, D									
Opheliidae	7	47	D	Mysidae	1	0	O	Lucinidae	50	33	F									
Orbinidae	0	1	D	Nannastacidae	0	1	F, D	Mactridae	4	0	F									
Phyllodoceidae	8	20	C	Nannosquillidae	2	0	C	*Mangelidae	150	71	C									
Pilargidae	1	1	C	Nebaliidae	1	2	C	Muricideae	6	3	C									
*Pisoniidae	0	3	C	Oedicerotidae	1	0	C, D	Mytilidae	1	0	F									
Polynoidae	0	1	C	Paguridae	5	7	O, D, S	Nassariidae	223	79	C									
Sabellariidae	0	2	F	*Paratanaidae	5	2	C, F, D	Naticidae	52	16	C									
Sabellidae	38	135	F	Pasimaemae	4	0	C, D	Nuculanidae	6	0	D									

Table S1 (Cont.)

Polychaeta	S	W	FG	Crustacea	S	W	FG	Mollusca	S	W	FG	Anthozoa	S	W	Echinodermata	S	W	Cephalochordata	S	W
Serpulidae	0	20	F	Phoxocephalidae	23	12	C,D	Nuculidae	152	0	D									
Spionidae	102	507	F,D	Pinnotheridae	1	5	F,D,O	Olivellidae	39	0	C,F,D									
Syllidae	42	38	C,O	Porcellanidae	2	1	F,O	Ovulidae	657	301	C									
Terebellidae	3	6	F,D	Processidae	1	3	C,F,D	Periplomatidae	0	6	F,D									
				Sphaeromatidae	2	2	D	*Solecurtidae	1	0	F,D									
				Unciolidae	1	0	O,D,S	Tellinidae	36	0	F,D									
				Xanthidae	0	1	C,O	Terebridae	49	0	C									
								Thraciidae	14	0	F,D									
								Thyasiridae	6	0	F,D									
								Trochidae	430	0	H									
								Turbinidae	4	0	H									
								Veneridae	26	0	F									
								Vermetidae	2,119	7,790	F									
									9	0										

**Table S2.** Contribution of each family to overall dissimilarities according to a similarity percentages analysis for summer and winter.  
**Tabla S2.** Contribución de cada familia a las diferencias generales de acuerdo con un análisis de porcentajes de similitud (SIMPER) para verano e invierno.

Family	Species contribution to average between-group dissimilarity	SD of contribution	Average to SD ratio	Average abundances in summer	Average abundances in winter	Ordered cumulative contribution
Cylinchidae	0.100	0.080	1.49	274.00	90.16	0.171
Certhiidae	0.080	0.040	2.07	0	134.50	0.292
Ovulidae	0.060	0.070	0.87	109.50	50.16	0.384
Collumbellidae	0.060	0.010	3.99	97.83	0	0.473
Spionidae	0.040	0.040	1.22	17.00	84.50	0.541
Lasacidae	0.040	0.030	1.20	67.00	0	0.602
Dentaliidae	0.040	0.040	1.00	65.33	0	0.663
Trochidae	0.040	0.040	0.94	71.66	0	0.720
Diadumenidae	0.010	0.030	0.53	4.16	30.16	0.746
Nassaridae	0.010	0.010	1.35	37.16	13.16	0.771
Nuculidae	0.010	0.010	1.35	25.33	0	0.794
Cirratulidae	0.010	0.020	0.70	4.66	20.66	0.813
Sabellidae	0.010	0.008	1.50	6.33	22.50	0.830
Rissoidae	0.009	0.008	1.14	0	14.66	0.844
Mangeliidae	0.009	0.006	1.41	25.00	11.83	0.857
Goniadidae	0.007	0.005	1.28	12.33	6.66	0.867
Corophiidae	0.006	0.010	0.48	0.50	11.33	0.876
Terebridae	0.005	0.008	0.64	8.16	0	0.883
Donacidae	0.004	0.004	1.17	10.00	3.66	0.890
Cardidae	0.004	0.005	0.90	9.00	3.16	0.896
Acteonidae	0.004	0.003	1.43	0.16	6.66	0.903
Opheliidae	0.004	0.005	0.83	1.16	7.83	0.909
Naticidae	0.004	0.003	1.36	8.66	2.66	0.914
Olivellidae	0.004	0.002	1.72	6.50	0	0.920
Capitellidae	0.004	0.004	0.84	7.33	2.16	0.926
Tellinidae	0.003	0.001	2.12	6.00	0	0.931
Syllidae	0.003	0.003	1.19	7.00	6.33	0.937
Eulimidae	0.003	0.002	1.78	5.33	0	0.942

Table S2 (Cont.)

Family	Species contribution to average between-group dissimilarity	SD of contribution	Average to SD ratio	Average abundances in summer	Average abundances in winter	Ordered cumulative contribution
Glycymerididae	0.003	0.002	1.19	6.83	2.66	0.946
Nephtyidae	0.002	0.001	1.81	6.66	3.83	0.950
Lucinidae	0.002	0.002	1.25	8.33	5.50	0.954
Nereididae	0.002	0.003	0.90	0.33	4.83	0.958
Phoxocephalidae	0.002	0.003	0.72	3.83	2.00	0.962
Epitoniidae	0.002	0.002	1.17	4.50	2.16	0.966
Veneridae	0.002	0.002	0.89	4.33	0	0.970
Glyceridae	0.002	0.002	1.24	3.16	4.66	0.973
Buccinidae	0.002	0.003	0.69	0	3.33	0.977
Serpulidae	0.002	0.003	0.69	0	3.33	0.980
Lottidae	0.002	0.004	0.46	0	4.16	0.983
Crassatellidae	0.002	0.001	1.17	2.33	3.16	0.986
Aoridae	0.002	0.003	0.51	0	3.66	0.9894
Branchiostomatidae	0.001	0.001	1.28	2.66	1.66	0.9919
Phyllodoceidae	0.001	0.001	1.22	1.33	3.33	0.9942
Thraciidae	0.001	0.001	0.79	2.33	0	0.9964
Onuphidae	0.001	0.0008	1.58	1.83	1.66	0.9982
Ampeliscidae	0.001	0.0007	1.61	2.16	1.5	1