

Deep-sea fish assemblages (300–2100 m) in the eastern Pacific off northern Mexico

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Table S1. Environmental factors measured off the west coast of Baja California at 20 m above the bottom, during the TALUD project. Temp: temperature; DO: dissolved oxygen; OC: percentage of organic carbon in sediments; OM: percentage of organic matter in sediments; Clay: percentage of clay in sediments; Silt: percentage of silt in sediments; Sand: percentage of sand in sediments; ND: no data. Geographical coordinates are given in decimal degrees.

Station	Depth (m)	Temp (°C)	DO (ml l ⁻¹)	Latitude (°N)	Longitude (°W)	Salinity	OC (%)	OM (%)	Clay (%)	Silt (%)	Sand (%)
Southern Baja California: TALUD XV											
1	800	5.75	0.11	23.41	111.42	34.54	3.93	6.77	13.37	67.94	18.69
2	1134	3.75	0.5	23.21	111.47	34.59	1.2	2.07	3.61	21.59	74.81
3	1430	3.02	0.9	23.30	111.33	34.63	ND	ND	ND	ND	ND
6	304	10.6	0.05	24.33	112.22	34.7	2.93	5.04	5.18	79.95	14.88
7	534	8.49	0.06	24.47	112.45	34.59	ND	ND	ND	ND	ND
8	1224	3.44	0.65	24.55	112.65	34.6	3.54	6.1	8.48	61.92	29.59
9	1460	2.93	0.97	24.45	113.00	34.63	2.05	3.52	9	54.82	36.18
10	2107	2.06	1.73	24.45	112.87	34.68	ND	ND	ND	ND	ND
13	1228	3.98	0.44	25.07	112.92	34.57	5.06	8.7	11.33	80.31	8.36
15	1278	3.51	0.62	25.44	113.25	34.59	5.44	9.35	14	82.92	3.08
16	1790	2.77	1.07	25.25	113.41	34.63	3.8	6.53	14.3	82.17	3.53
17	2124	2.15	1.62	26.40	114.24	34.67	4.44	7.64	16.21	80.97	2.82
18	1516	2.93	0.95	26.42	114.12	34.63	1.11	1.9	3.47	18.35	78.18
20	554	8.38	0.15	26.62	113.93	34.51	3.18	5.47	7.75	45.16	47.08
23	578	6.44	0.068	27.16	114.68	34.47	2.98	5.13	6.82	46.56	46.62
24	779	5.24	0.12	27.20	114.67	34.53	3.26	5.6	7.95	56.52	35.53
25	1444	2.81	1.02	26.97	114.65	34.63	4.94	8.5	15.47	79.14	5.39
5A	616	6.82	0.006	23.59	111.49	34.55	13.87	23.85	14.26	75.09	10.65
5C	1008	4.71	0.22	23.38	111.05	34.56	1.21	2.08	5.73	33.72	60.56
5D	658	6.15	0.08	23.43	110.45	34.55	5.83	10.03	5.99	82.96	11.04
5E	951	4.36	0.29	23.14	110.60	34.57	ND	ND	ND	ND	ND
5F	1072	3.5	0.61	23.01	110.71	34.61	2.36	4.05	7.43	45.61	46.96

Table S1. (Continued)

Station	Depth (m)	Temp (°C)	DO (ml ·l)	Latitude (°N)	Longitude (°W)	Salinity	OC (%)	OM (%)	Clay (%)	Silt (%)	Sand (%)
Northern Baja California: TALUD XVI											
1	1981	2.02	ND	28.43	115.95	34.64	ND	ND	ND	ND	ND
3	1403	3.14	0.92	28.67	115.88	34.56	ND	ND	ND	ND	ND
Northern Baja California: TALUD XVI-B											
1	2046	2.1	1.83	28.47	115.75	34.63	3.66	6.29	10.51	52.11	37.38
3	1358	3.4	0.78	28.71	115.85	34.54	1.82	3.14	2.59	64.72	32.69
4	1261	3.4	0.76	28.78	115.73	34.53	5.68	9.78	3.39	87.08	9.53
5	774	5.34	0.22	28.80	115.40	34.42	5.2	8.95	11.82	72.65	15.53
6	1053	4.38	0.4	29.14	115.56	34.47	4.33	7.45	12.08	82.58	5.34
7	730	5.81	0.28	29.35	115.65	34.44	4.23	7.27	11.23	77.67	11.09
8	1448	3.14	0.9	29.40	115.75	34.55	5.38	9.26	11.79	84.89	3.32
9	1854	2.31	1.52	29.35	115.85	34.61	4.16	7.16	15.5	84.5	0
10	885	5.02	0.25	29.13	116.26	34.43	1.32	2.27	5.42	31.62	62.96
11	1689	2.62	1.26	29.28	116.23	34.59	3.47	5.98	13.91	85.63	0.46
15	2028	2.26	1.6	29.67	116.10	34.62	4.57	7.86	10.87	86.97	2.16
16	1393	3.14	0.97	29.86	116.15	34.56	4.08	7.01	11.94	82.61	5.45
17	754	5.33	0.25	29.91	116.03	34.42	1.79	3.08	3.65	40.93	55.43
18	763	5.48	0.23	30.66	116.43	34.4	3.86	6.63	8.96	84.46	6.58
19	1409	3.16	0.9	30.63	116.53	34.55	3.96	6.81	11.07	84.62	4.31
20	2083	2.37	1.47	30.85	116.70	34.61	2.6	4.48	12.53	86.29	1.18
21	2056	2.43	1.43	30.82	116.80	34.6	2.21	3.81	12.54	86.38	1.08
22	1520	3.05	0.96	30.83	116.60	34.56	1.34	2.3	5.56	59.97	34.47
23	1318	3.15	0.76	30.93	116.68	34.54	3.28	5.64	11.07	79.46	9.47
24	985	4.63	0.31	31.08	116.62	ND	ND	ND	ND	ND	ND
25	811	5.26	0.25	31.80	116.92	34.4	4.17	7.17	10.36	87.51	2.13
26	986	4.17	0.48	31.77	116.97	34.48	3.7	6.37	9.47	83.26	7.27
27	1396	3.32	0.78	31.71	117.22	34.54	3.68	6.32	12.58	84.99	2.44
28	1497	3.11	0.93	31.37	117.03	34.55	ND	ND	ND	ND	ND

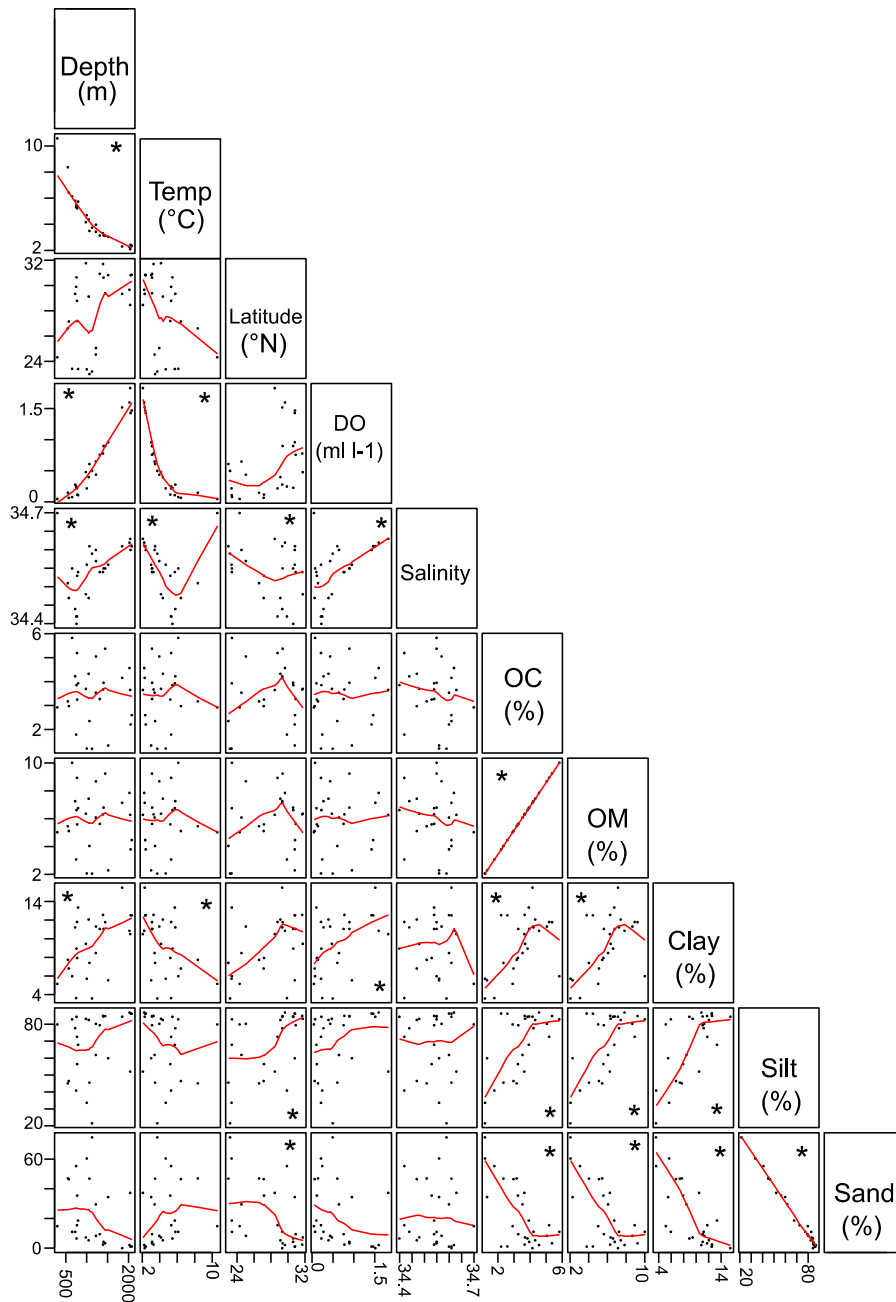


Figure S1. Pairwise graphical comparison between all environmental factors measured off the west coast of Baja California at 20 m above the bottom, during the TALUD project. Temp: temperature; DO: dissolved oxygen; OC: percentage of organic carbon in sediments; OM: percentage of organic matter in sediments; Clay: percentage of clay in sediments; Silt: percentage of silt in sediments; Sand: percentage of sand in sediments; asterisks: significant correlations ($p < 0.05$).

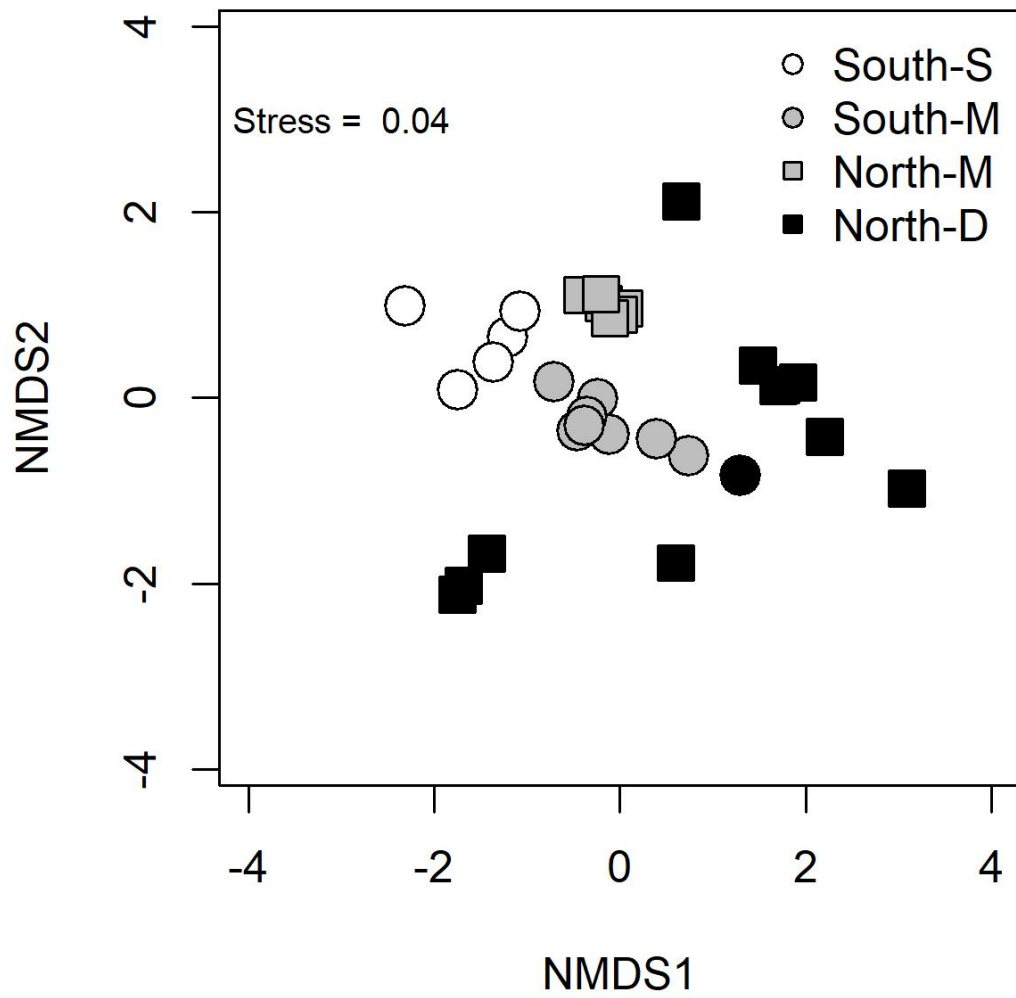


Figure S2. Results of NMDS unconstrained ordination of bathydemersal fish species caught off the western coast of Baja California during TALUD project.