

TABLE S1 | Abundance (\pm standard deviation) of the recorded fish species in the sampling sites, California Current (CC) and North Equatorial Current (NEC). TG (Trophic guild) = ca: carnivorous, he: herbivorous, pl: Planktivorous, om: Omnivorous. ZC = Zacatoso; CH = Caleta de Chon; LG = Las Gatas; MZ = Manzanillo. Taxonomic and guild identification was following Robetson, Allen (2015).

Order	Family/Species	CC				NEC				
		ZC	CH	LG	MZ	ZC	CH	LG	MZ	TG
ANGUILLIFORMES	MURAENIDAE									
	<i>Echidna nebulosa</i>		0.11± 0.32							ca
	<i>Muraena lentiginosa</i>			0.11± 0.32						ca
BERYCIFORMES	HOLOCENTRIDAE									
	<i>Neoniphon suborbitalis</i>	0.22± 0.42	1± 0.95	0.33± 0.67	0.11± 0.32		0.83± 1.49		0.67± 1.11	ca
MYLIOBATIFORMES	UROTRIGONIDAE									
	<i>Urobatis halleri</i>				0.11± 0.32					ca
PERCIFORMES	ACANTHURIDAE									
	<i>Prionurus laticlavus</i>	0.22± 0.64			1.56± 1.66				0.17± 1.49	he
	<i>Prionurus punctatus</i>							0.67± 1.49		he
	<i>Acanthurus triostegus</i>				0.11± 0.32					he
	APOGONIDAE									
	<i>Apogon sp.</i>							0.67± 1.52		pl
	BLENNIIDAE									
	<i>Ophioblennius steindachneri</i>	1.36± 1.37	3.62± 2.42		6.91± 7.43	0.67± 0.94	1.33± 1.12		5.17± 4.49	he
	<i>Plagiotremus azaleus</i>				1.56± 1.66				0.17± 0.37	ca
	CARANGIDAE									
	<i>Caranx caballus</i>		0.44± 1.27	6.69± 19.13	13.51± 14.90			0.33± 0.76	2.00± 4.47	ca
	CHAETODONTIDAE									
	<i>Chaetodon humeralis</i>	0.36± 0.53	0.22± 0.64		0.33± 0.67		0.20± 0.41	0.33± 0.76	0.50± 0.50	om
	<i>Johnrandallia nigrirrostris</i>	2.56± 2.78	0.67± 0.95	0.44± 0.97	0.56± 1.08	2.67± 2.49	0.50± 0.78		0.50± 0.12	om
	CIRRHITIDAE									
	<i>Cirrhitichthys oxycephalus</i>	1.78± 1.83	0.11± 0.32				0.17± 0.38		0.17± 0.37	ca
	<i>Cirrhitus rivulatus</i>		0.44± 0.69					0.17± 0.38		ca
	EPINEPHELIDAE									
	<i>Cephalopholis colonus</i>	0.33± 0.95								ca
	<i>Cephalopholis panamensis</i>	0.22± 0.42		0.67± 1.07		0.33± 0.47		0.17± 0.38	0.17± 0.37	ca
	<i>Epinephelus labriformis</i>	0.69± 0.67	0.22± 0.42	0.11± 0.32		0.33± 0.47	0.33± 0.48			ca
	GRAMMISTIDAE									
	<i>Rypticus bicolor</i>	0.11± 0.32								ca



TABLE S1 | (Continued)

Order	Family/Species	CC				NEC					
		ZC	CH	LG	MZ	ZC	CH	LG	MZ	TG	
PERCIFORMES	HAEMULIDAE										
	<i>Haemulon maculicauda</i>	0.33± 0.48		7± 13.04				39.97± 65.28			ca
	<i>Haemulon scudderii</i>				0.22± 0.42			0.87± 0.68			ca
	<i>Haemulon sexfasciatum</i>						0.17± 0.38				ca
	<i>Haemulon steindachneri</i>			0.78± 1.49							ca
	KYPHOSIDAE										
	<i>Kyphosus elegans</i>					0.11± 0.32		0.67± 0.96			om
	LABRIDAE										
	<i>Bodianus diplotaenia</i>	0.89± 1.47	0.96± 0.80	2.33± 1.65	0.67± 0.83	2± 0.82	0.50± 0.78	0.87± 0.68	0.50± 0.96		ca
	<i>Halichoeres chierchiae</i>	1.27± 2.49	0.78± 0.64		0.11± 0.32			0.17± 0.38			ca
	<i>Halichoeres dispilus</i>	16.70± 20.49	8.33± 16.06	0.22± 0.64	1.47± 2.27	0.33± 0.47					ca
	<i>Halichoeres nicholsi</i>	0.97± 0.76	0.11± 0.32	0.78± 1.04	0.11± 0.32	0.33± 0.47		0.33± 0.48			ca
	<i>Halichoeres notospilus</i>	0.22± 0.64		0.56± 0.69	1.33± 1.17	1± 0.82	0.17± 0.38	0.67± 0.76	1.33± 1.60		ca
	<i>Nicholsina denticulata</i>			0.22± 0.42				0.33± 0.76			he
	<i>Novaculichthys taeniourus</i>		0.11± 0.32								ca
	<i>Thalassoma lucasanum</i>	61.35± 49.14	125.33± 99.68	9.15± 10.48	20.29± 13.54	45.87± 14.75	34.37± 12.02	44.10± 51.33	62.13± 47.69		ca
	<i>Thalassoma grammaticum</i>		0.22± 0.64								ca
	LUTJANIDAE										
	<i>Hoplopagrus guentherii</i>			0.11± 0.32							ca
	<i>Lutjanus argentiventris</i>	0.11± 0.32	0.09± 0.29	0.22± 0.42	0.33± 0.48		0.17± 0.38		0.50± 0.50		ca
	<i>Lutjanus novemfasciatus</i>				0.11± 0.32						ca
	MULLIDAE										
	<i>Mulloidichthys dentatus</i>	0.22± 0.42	0.11± 0.32	1.33± 1.72	0.11± 0.32			0.50± 0.78			ca
	POMACANTHIDAE										
	<i>Holacanthus passer</i>	0.22± 0.64	0.11± 0.32	0.47± 0.69	0.11± 0.32						om
	POMACENTRIDAE										
	<i>Abudefduf troschelii</i>	0.56± 0.97	9.98± 12.62	11.27± 6.95	1.33± 2.29		3.17± 3.44	0.67± 0.96			om
	<i>Chromis atrilobata</i>	3.49± 7.14	20.82± 34.68	22.33± 35.43		57.20± 80.90					pl
	<i>Microspathodon bairdii</i>				0.11± 0.32			17.73± 27.73			om
	<i>Microspathodon dorsalis</i>	2.93± 2.69	3.13± 1.60	1.80± 1.06	7.20± 6.21	1.33± 0.94	1.67± 1.12	0.67± 0.48	7.33± 5.02		om
	<i>Stegastes acapulcoensis</i>	20.13± 16.62	30.69± 15.78	26.07± 12.28	35.20± 12.62	5.67± 0.94	15.90± 10.98	20.03± 5.45	46.10± 11.97		om
	<i>Stegastes flavilatus</i>	0.78± 1.24	0.98± 1.16	0.33± 0.48			0.17± 0.38	0.17± 0.38	0.23± 0.50		om
ZANCLIDAE											
<i>Zanclus cornutus</i>	0.31± 0.90	0.56± 0.84	0.11± 0.32	0.11± 0.32			5.17± 10.87	0.50± 0.76		ca	



TABLE S1 | (Continued)

Order	Family/Species	CC				NEC				
		ZC	CH	LG	MZ	ZC	CH	LG	MZ	TG
SCORPAENIFORMES	SCORPAENIDAE									
	<i>Scorpaena mystes</i>							0.17± 0.38		ca
SYGNATHIFORMES	AULOSTOMIDAE									
	<i>Aulostomus chinensis</i>						0.17± 0.38			ca
	FISTULARIIDAE									
	<i>Fistularia commersonii</i>		0.11± 0.32	0.22± 0.42	0.11± 0.32	0.33± 0.47				ca
TETRAODONTIFORMES	BALISTIDAE									
	<i>Melichthys niger</i>		0.11± 0.32							om
	<i>Sufflamen verres</i>	0.76± 1.05	0.98± 1.16	0.33± 0.48			0.17± 0.38	0.17± 0.38	0.23± 0.50	ca
	DIODONTIDAE									
	<i>Diodon holocanthus</i>	0.44± 0.69	0.11± 0.32	0.44± 0.69	0.22± 0.42		0.67± 1.12			ca
	OSTRACIIDAE									
	<i>Ostracion meleagris</i>	0.11± 0.32								ca
	TETRAODONTIDAE									
<i>Arothron meleagris</i>	0.56± 0.84	1.13± 1.38	0.22± 0.42	0.11± 0.32	0.33± 0.47	1.83± 1.23	0.17± 0.38	0.33± 0.75	om	
<i>Canthigaster punctatissima</i>	0.22± 0.42								om	

REFERENCE

- **Robertson DR, Allen G.** Shorefishes of the Tropical Eastern Pacific online information system. Version 2.0 [Internet]. Balboa: Smithsonian Tropical Research Institute; 2015. Available from: <https://biogeodb.stri.si.edu/sftep/es/pages>

HOW TO CITE THIS ARTICLE

- **Escalera-Vázquez LH, Martínez-Servín F, Arceo-Carranza D.** Fish assemblage structure related to habitat heterogeneity in rocky reefs in the Mexican Pacific coast. *Neotropical Ichthyol.* 2024; 22(2):e230040. <https://doi.org/10.1590/1982-0224-2023-0040>