

# Metagenetic community analysis of epipelagic planktonic copepods in the tropical and subtropical Pacific

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## Supplement 1.

Figs. S1–S3. Vertical profiles of temperature (Fig. S1), salinity (Fig. S2), and chlorophyll-*a* (Fig. S3) at depths of 0–250 m during cruises of (a) SY-11-05 in Kuroshio, (b) KH-11-10 leg 1 in the North Pacific subtropical gyre (NPSG), (c) KH-12-01 in the eastern tropical Pacific (ETP), and (d) KH-11-10 leg 2 in the South Pacific subtropical gyre (SPSG). Each cruise track is shown in Figure 1 and detailed sampling information is shown in Table S1. Sampling stations for plankton community are indicated by black triangles.

Fig. S1

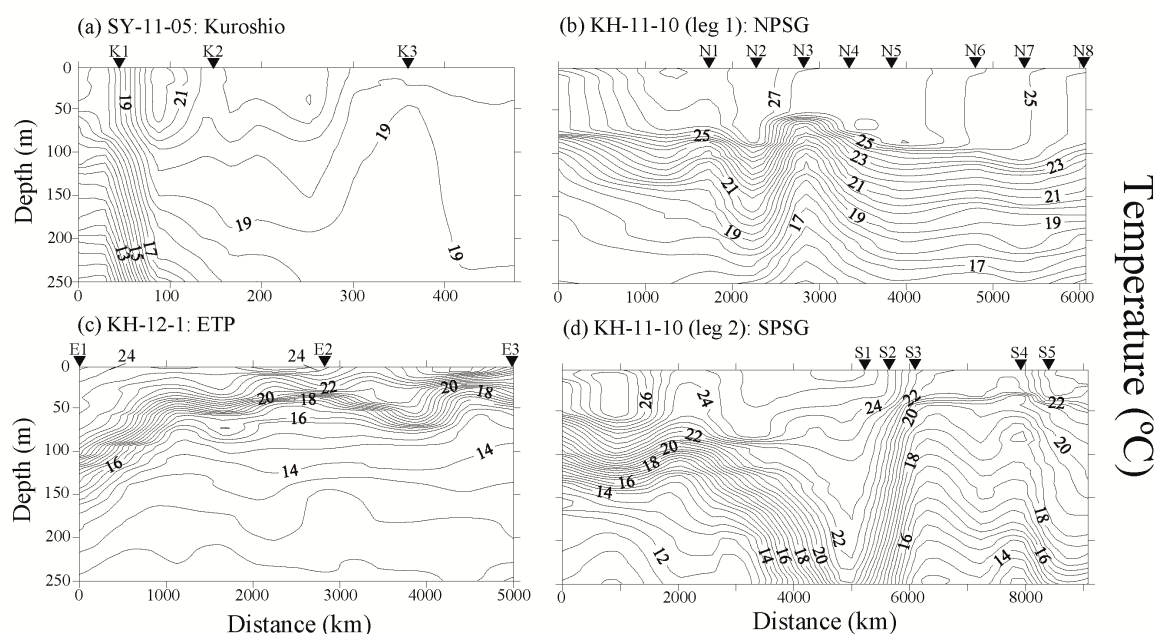


Fig S2

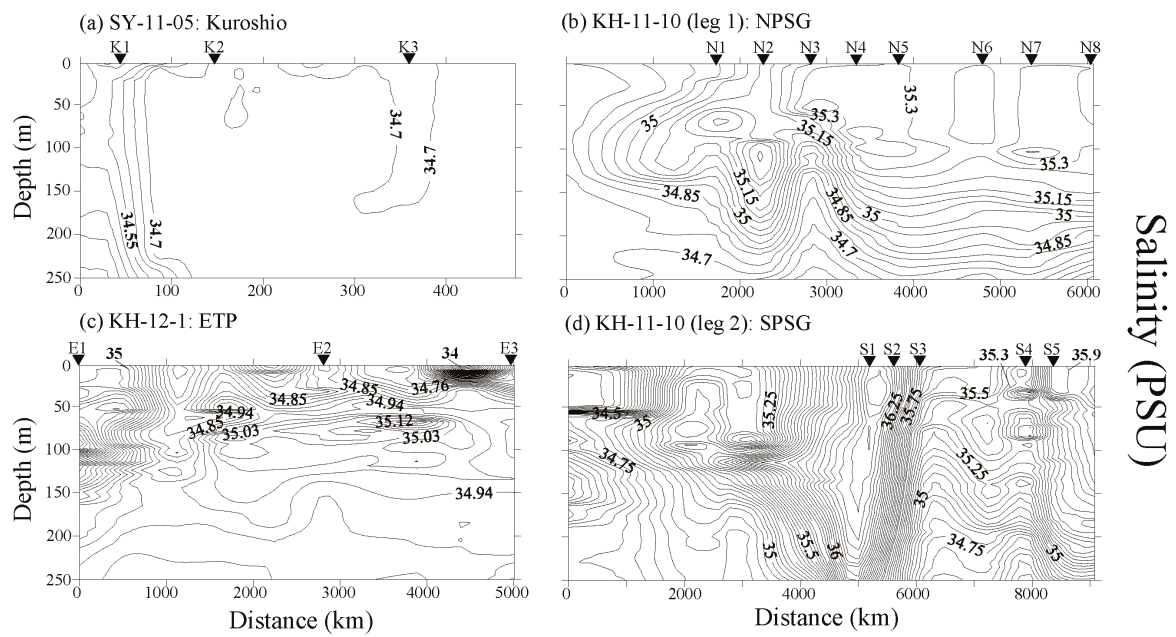


Fig S3

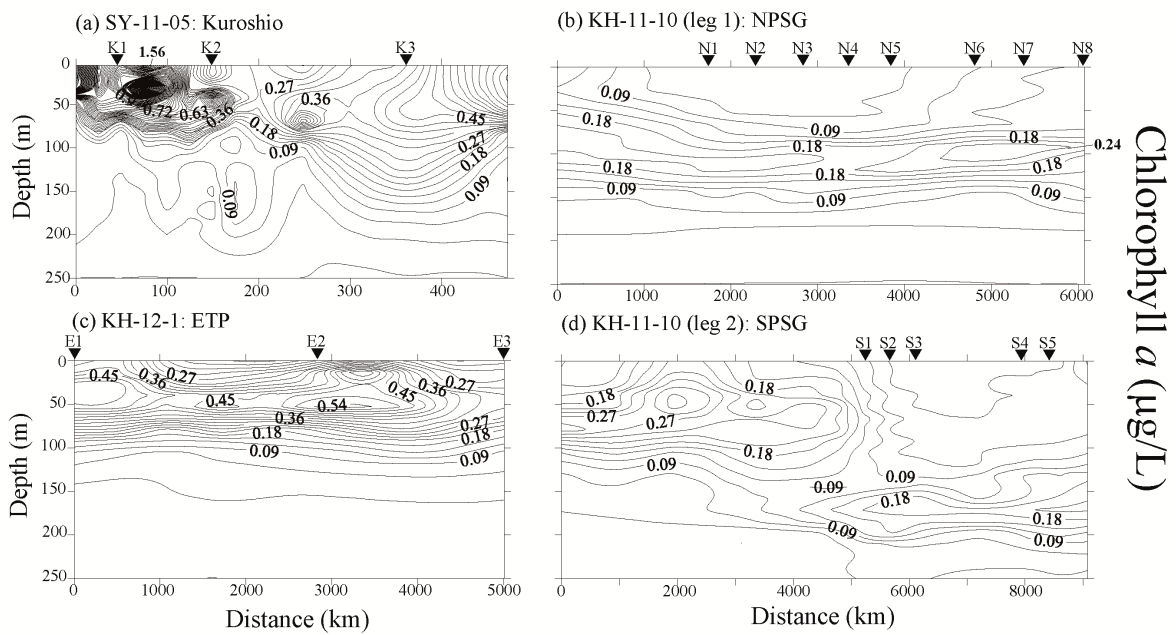


Table S1. Sampling information of cruise, location, date, and raw sequence data for each sample.

Accession and run numbers in the NCBI/EBI/DBJ Sequence Read Archive are listed for each sample. MID indicates tag number of GS Titanium Rapid Library MID Adaptors Kit (Roche).

Area	Cruise	Station	Latitude	Longitude	Date	Accession no.	Run no.	MID
Kuroshio	SY-11-05	K1 (day)	33° 52.0'N	137° 44.0'E	May 5, 2011	DRA002161	DRR017996-017998	RL006
		K2 (day)	32° 54.6'N	138° 00.5'E	May 17, 2011	DRA002161	DRR017996-017998	RL005
		K3 (day)	31° 00.0'N	137° 59.9'E	May 9, 2011	DRA002161	DRR017996-017998	RL004
NPSG	KH-11-10 (leg 1)	N1	23° 00.5'N	159° 59.0'E	December 6, 2011	DRA002227	DRR018459	RL010
		N2	23° 00.5'N	165° 00.0'E	December 9, 2011	DRA002227	DRR018461	RL009
		N3	23° 00.1'N	170° 00.1'E	December 10, 2011	DRA002227	DRR018460	RL001
		N4	23° 00.2'N	174° 54.8'E	December 12, 2011	DRA002227	DRR018460	RL002
		N5	23° 00.8'N	179° 59.9'E	December 14, 2011	DRA002227	DRR018459	RL012
		N6	22° 59.2'N	170° 01.2'W	December 15, 2011	DRA002227	DRR018460	RL006
		N7	23° 00.6'N	165° 01.2'W	December 16, 2011	DRA002227	DRR018459	RL001
		N8	22° 46.8'N	158° 05.7'W	December 19, 2011	DRA002227	DRR018459	RL002
ETP	KH-12-01	E1 (night)	0° 00.2'N	139° 59.8'W	February 13, 2012	DRA002227	DRR018460	RL008
		E1 (day)	0° 00.0'N	140° 00.0'W	February 13, 2012	DRA002227	DRR018461	RL004
		E2	0° 00.1'N	115° 00.0'W	February 7, 2012	DRA002227	DRR018460	RL007
		E3	0° 00.2'N	95° 30.0'W	February 2, 2012	DRA002227	DRR018460	RL006
SPSG	KH-11-10 (leg 2)	S1	23° 00.1'S	120° 00.3'W	January 7, 2012	DRA002227	DRR018459	RL003
		S2	26° 28.7'S	120° 00.2'W	January 10, 2012	DRA002227	DRR018460	RL004
		S3	30° 00.0'S	119° 59.0'W	January 12, 2012	DRA002227	DRR018459	RL004
		S4	29° 59.9'S	100° 00.2'W	January 15, 2012	DRA002227	DRR018459	RL011
		S5	26° 30.0'S	100° 00.0'W	January 16, 2012	DRA002227	DRR018460	RL005