Table 2. Flux Weighted OC Concentration, N/C Atomic Ratio, delta13COC, and Contributions of Marine and Terrestrial OC of Settling Particles in December 2005 and January 2006a

Station and Depth		OC,%	N/Catomic		delta13COC, %	OCTER, %	OCMAR, %
December 2005							
LD 300 m	1.7	0.09	-22.95	47	53		
LD 1000 m	1.7	0.09	-22.66	43	57		
LD 1500 m	4.5	0.11	-23.37	54	46		
CC 1000 m	2.0	0.08	-23.16	51	49		
CC 1500 m	3.7	0.10	-22.39	38	62		
CC 1900 m	4.7	0.09	-22.93	47	53		
OS 1000 m	2.6	0.12	-22.76	44	56		
OS 1900 m	4.9	0.08	-23.24	52	48		
January 2006							
LD 300 m	1.5	0.09	-23.55	57	43		
LD 1000 m	1.3	0.11	-23.69	60	40		
LD 1500 m	1.6	0.12	-23.52	57	43		
CC 1000 m	0.9	0.09	-24.68	76	24		
CC 1500 m	1.5	0.10	-23.52	57	43		
CC 1900 m	1.5	0.10	-23.53	57	43		
OS 1000 m	1.2	0.09	-23.98	65	35		
OS 1900 m	1.2	0.12	-24.22	69	31		
LD 1000 m	1.3	0.11	-23.69	60	40		
LD 1500 m	1.6	0.12	-23.52	57	43		
CC 1000 m	0.9	0.09	-24.68	76	24		
CC 1500 m	1.5	0.10	-23.52	57	43		
CC 1900 m	1.5	0.10	-23.53	57	43		
OS 1000 m	1.2	0.09	-23.98	65	35		
OS 1900 m	1.2	0.12	-24.22	69	31		

aMarine OC (OCMAR) and terrestrial OC (OCTER) have been estimated following a simple binary mixing model assuming marine delta13COC = -20.1% [Harmelin-Vivien et al., 2008] and terrestrial delta13COC = -26.5% [Kim et al., 2007] endmembers.