

Compilation of isotopic data covering the OAE 2 at different sites

Site (location on map)	$\delta^{13}\text{C}_{\text{org}}$	$\delta^{13}\text{C}_{\text{comp. sp.}}$	$\delta^{13}\text{C}_{\text{carb}}$	ϵ_{p}	C_{org} mass accum. rate OAE 2 ($\text{g m}^{-2} \text{yr}^{-1}$)		
	positive shift (‰; PDB)	positive shift (‰; PDB)	positive shift (‰; PDB)	decrease (‰)	before OAE	during OAE	difference
Gubbio 4 Core, Italy (1)	2.7	4	n.a.	1.5	<0.01	0.1	0.1
Eastbourne, England (2)	n.a.	n.a.	2.5	n.a.	<0.01	<0.01	0
Tarfaya S 13, Morocco (3)	3.5	5	2.5	2.5	9	26	15
DSDP site 367 (5)	6	6	n.a.	3.5	3	9	6
DSDP site 144 (6)	4	4.5	n.a.	2	n.d.		
DSDP site 603B (7)	3	3.5	n.a.	1	0.6	1.5	0.9
Western Interior Basin	3 – 3.5 (c)	2.5 – 3 (b)	1.5 – 2 (c)	1.5 (b)	n.d.		

Data source: C/T-net (own data)

unmarked data are from Kuypers et al. (2001)

b: Hayes et al. (1989)

c: Pratt (1993)

