Table DR1. Compilation of the Early Jurassic δ^{13}c excursion in marine and terrestrial sediments

Section/location	δ^{13}C values start/end (‰)	Excursion (‰)	Reference
Marine organic matter			
Dogna, north-east Italy	-25.5/-32.5	-7.0	1
Mochras Farm, Wales	-24.0/-31.0	-7.0	1
Posidonia, Zimmern, Germany (kerogen)	-26.0/-31.5	-5.5	2
Posidonia, Zimmern, Germany (bitumen)	-28.0/-32.0	-4.0	2
Posidonia, Nürtingen, Germany (kerogen)	-27.0/-32.5	-5.5	2
Posidonia, Nürtingen, Germany (bitumen)	-29.0/-32.3	-3.3	2
Posidonia, Dotternhausen, Germany	-27.5/-33.0	-5.5	3
Posidonia, Dotternhausen, Germany	-27.0/-33.5	-6.5	4
Hawsker Bottoms, England (mudstone)	-26.0/-32.0	-6.0	5
Hawsker Bottoms, England (mudstone)	-25.7/-31.6	-5.9	6
Hawsker Bottoms, England (mudstone)	-25.5/-32.0	-6.5	7
Winterborne Kingston, England	-25.5/-31.0	-5.5	8
MEAN (± S.E.)		-5.7 ± 0.3	
Bulk carbonate			
Dogna, north-east Italy	2.6/-1.0	-3.6	8
Castillo de Pedrosa, Spain	0.5/-4.5	-5.0	9
Fuente de la Vidriera, Spain	1.8/0.4	-1.4	7
Mochras Farm, Wales	2.0/-4.0 (-2.4)	-6.4 (-4.4)	8
Porto de Mós, Portugal	1.8/0.2	-1.6	7
Posidonia, Zimmern, Germany	1.5/-9.0 (-2.0)	-10.5 (-3.5)	2
Posidonia, Nürtingen, Germany	1.5/-3.0	-4.5	2
Posidonia, Dotternhausen, Germany	1.0/-6.0	-7.0	3
Posidonia, Dotternhausen, Germany	0.0/-11.0	-11.0	4
Winterborne Kingston, England	0.8/-2.0	-2.8	8
MEAN (± S.E.)		-5.4 (-4.5) ± 1.0 (0.9)	

Values in brackets denote alternative excursion values after excluding possible anomalous outliers.

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