Supplement of Biogeosciences, 13, 5883–5894, 2016
http://www.biogeosciences.net/13/5883/2016/
doi:10.5194/bg-13-5883-2016-supplement
© Author(s) 2016. CC Attribution 3.0 License.

Biogeosciences
Open Access

Supplement of

Ubiquitous production of branched glycerol dialkyl glycerol tetraethers (brGDGTs) in global marine environments: a new source indicator for brGDGTs

Wenjie Xiao et al.

Correspondence to: Yunping Xu (ypxu@shou.edu.cn)

The copyright of individual parts of the supplement might differ from the CC-BY 3.0 licence.

M1 CORE

Sample	Latitude	Longitude	IIIa/IIa	BIT
BH1 2-3	37.52	119.32	0.60	0.41
BH1 3-4	37.52	119.32	0.55	0.42
BH1 5-6	37.52	119.32	0.59	0.50
BH1 6-7	37.52	119.32	0.61	0.55
BH1 7-8	37.52	119.32	0.62	0.53
BH1 10-11	37.52	119.32	0.68	0.74
BH1 12-13	37.52	119.32	0.63	0.75
BH1 14-15	37.52	119.32	0.60	0.76
BH1 16-17	37.52	119.32	0.65	0.73
BH1 17-18	37.52	119.32	0.57	0.76
BH1 19-20	37.52	119.32	0.60	0.73
BH1 21-22	37.52	119.32	0.68	0.70
BH1 23-24	37.52	119.32	0.72	0.74
BH1 25-26	37.52	119.32	0.61	0.74
BH1 26-27	37.52	119.32	0.68	0.73
BH1 28-29	37.52	119.32	0.59	0.74
BH1 30-31	37.52	119.32	0.68	0.49
BH1 33-34	37.52	119.32	0.67	0.33
BH1 35-36	37.52	119.32	0.66	0.28
BH1 37-38	37.52	119.32	0.67	0.27
BH1 39-40	37.52	119.32	0.59	0.28
BH1 41-42	37.52	119.32	0.60	0.30
BH1 43-44	37.52	119.32	0.58	0.29
BH1 45-46	37.52	119.32	0.58	0.31
BH1 47-48	37.52	119.32	0.59	0.30
BH1 49-50	37.52	119.32	0.57	0.31
BH1 51-52	37.52	119.32	0.54	0.34
BH1 55-56	37.52	119.32	0.62	0.37
BH1 57-58	37.52	119.32	0.64	0.40
BH1 59-60	37.52	119.32	0.70	0.38
BH1 61-62	37.52	119.32	0.62	0.36
BH1 63-64	37.52	119.32	0.64	0.31

M3 CORE

M3 0-1	38.66	119.54	1.01	0.04
M3 1-2	38.66	119.54	1.16	0.04
M3 2-3	38.66	119.54	1.16	0.04
M3 3-4	38.66	119.54	1.12	0.04
M3 4-5	38.66	119.54	1.21	0.04
M3 5-6	38.66	119.54	1.11	0.04
M3 6-7	38.66	119.54	1.18	0.04
M3 7-8	38.66	119.54	1.19	0.05
M3 8-9	38.66	119.54	1.08	0.05
M3 9-10	38.66	119.54	1.14	0.06
M3 10-11	38.66	119.54	1.11	0.07
M3 11-12	38.66	119.54	1.03	0.08
M3 12-13	38.66	119.54	1.08	0.07
M3 13-14	38.66	119.54	1.14	0.08
M3 14-15	38.66	119.54	1.10	0.08
M3 15-16	38.66	119.54	1.12	0.08
M3 16-17	38.66	119.54	1.17	0.08
M3 17-18	38.66	119.54	1.29	0.10

M3 18-19	38.66	119.54	1.26	0.11
M3 19-20	38.66	119.54	1.23	0.11
M3 20-21	38.66	119.54	1.31	0.12
M3 21-22	38.66	119.54	1.22	0.13
M3 22-23	38.66	119.54	1.25	0.13
M3 23-24	38.66	119.54	1.26	0.12
M3 24-25	38.66	119.54	1.29	0.11
M3 25-26	38.66	119.54	1.25	0.10
M3 26-27	38.66	119.54	1.48	0.14
M3 27-28	38.66	119.54	1.36	0.13
M3 28-29	38.66	119.54	1.24	0.12
M3 29-30	38.66	119.54	1.31	0.13
M3 30-31	38.66	119.54	1.29	0.13
M3 31-32	38.66	119.54	1.26	0.15
M3 32-33	38.66	119.54	1.41	0.16
M3 33-34	38.66	119.54	1.49	0.15
M3 34-35	38.66	119.54	1.33	0.16
M3 35-36	38.66	119.54	1.39	0.15
M3 36-37	38.66	119.54	1.29	0.15
M3 37-38	38.66	119.54	1.41	0.18
M3 38-39	38.66	119.54	1.39	0.17
M3 39-40	38.66	119.54	1.33	0.18
M3 40-41	38.66	119.54	1.42	0.15
M3 41-42	38.66	119.54	1.41	0.16
M3 42-43	38.66	119.54	1.46	0.14
M3 43-44	38.66	119.54	1.43	0.16
M3 44-45	38.66	119.54	1.40	0.19
M3 45-46	38.66	119.54	1.51	0.18
M3 46-47	38.66	119.54	1.41	0.18
M3 47-48	38.66	119.54	1.53	0.21
M3 48-49	38.66	119.54	1.47	0.24
M3 49-50	38.66	119.54	1.40	0.22
M3 50-51	38.66	119.54	1.50	0.24
M3 51-52	38.66	119.54	1.40	0.22
M3 52-53	38.66	119.54	1.41	0.23
M3 53-54	38.66	119.54	1.42	0.22
M3 54-55	38.66	119.54	1.42	0.22
M3 55-56	38.66	119.54	1.42	0.23
M3 56-57	38.66	119.54	1.50	0.22
M3 57-58	38.66	119.54	1.45	0.25
M3 58-59	38.66	119.54	1.45	0.23
M3 59-60	38.66	119.54	1.52	0.24
M3 54-55	38.66	119.54	1.45	0.22
M3 54-55	38.66	119.54	1.42	0.22
M3 45-46	38.66	119.54	1.54	0.21
M3 15-16	38.66	119.54	1.16	0.08
M7 CORE				
M7 0-1	39.53	120.46	1.06	0.04
M7 1-2	39.53	120.46	0.94	0.05
M7 2-3	39.53	120.46	0.95	0.05
M7 3-4	39.53	120.46	0.95	0.05
M7 4-5	39.53	120.46	0.92	0.05
M7 5-6	39.53	120.46	0.95	0.05

M7 6-7	39.53	120.46	0.98	0.06
M7 9-10	39.53	120.46	0.98	0.07
M7 12-13	39.53	120.46	1.05	0.08
M7 13-14	39.53	120.46	1.04	0.09
M7 14-15	39.53	120.46	1.07	0.08
M7 17-18	39.53	120.46	1.19	0.12
M7 18-19	39.53	120.46	1.09	0.11
M7 19-20	39.53	120.46	1.03	0.11
M7 20-21	39.53	120.46	1.02	0.12
M7 21-22	39.53	120.46	0.98	0.12
M7 22-23	39.53	120.46	1.02	0.11
M7 23-24	39.53	120.46	1.06	0.11
M7 24-25	39.53	120.46	1.04	0.11
M7 25-26	39.53	120.46	1.05	0.12
M7 26-27	39.53	120.46	1.11	0.11
M7 27-28	39.53	120.46	1.26	0.12
M7 29-30	39.53	120.46	1.13	0.11
M7 30-31	39.53	120.46	1.16	0.09
M7 31-32	39.53	120.46	1.11	0.12
M7 32-33	39.53	120.46	1.10	0.12
M7 33-34	39.53	120.46	1.09	0.10
M7 34-35	39.53	120.46	1.07	0.11
M7 35-36	39.53	120.46	0.98	0.11
M7 36-37	39.53	120.46	1.04	0.12
M7 37-38	39.53	120.46	1.12	0.13
M7 38-39	39.53	120.46	1.07	0.12
M7 39-40	39.53	120.46	1.01	0.13
M7 40-41	39.53	120.46	1.05	0.14
M7 41-42	39.53	120.46	1.08	0.12
M7 42-43	39.53	120.46	1.06	0.14
M7 43-44	39.53	120.46	1.07	0.12
M7 45-46	39.53	120.46	1.05	0.13
M7 46-47	39.53	120.46	1.01	0.11
M7 47-48	39.53	120.46	1.16	0.12
M7 48-49	39.53	120.46	1.12	0.13
M7 49-50	39.53	120.46	0.98	0.13
M7 51-52	39.53	120.46	1.00	0.16
M7 52-53	39.53	120.46	0.95	0.18

Archaeal tetraether lipids record subsurface water temperature in the South China Sea http://dx.doi.org/10

17941	118.48	21.52	0.72	0.14
17942	113.20	19.33	0.85	0.07
17943	117.55	18.95	1.38	0.11
17944	113.64	18.66	1.27	0.08
17945	113.78	18.13	1.13	0.05
17946	114.25	18.13	1.65	0.22
17947	116.03	18.47	1.40	0.07
17948	114.90	16.71	1.46	0.25
17949	115.17	17.35	1.72	0.15
17950	112.90	16.09	1.19	0.08
17951	113.41	16.29	0.96	0.09
17952	114.47	16.67	1.60	0.11
17954	111.53	14.80	1.09	0.10
17955	112.18	14.12	1.26	0.14

17956	112.59	13.85	1.55	0.25
17957	115.30	10.90	2.48	0.06
17958	115.08	11.62	1.59	0.09
17959	115.29	11.14	1.95	0.03
17960	115.56	10.12	2.36	0.06
17962	112.08	7.18	0.80	0.05
17963	112.67	6.17	0.78	0.08
17964	112.21	6.16	0.68	0.05
17965	112.55	6.16	0.83	0.08
S031	111.00	10.50	1.20	0.13
S052	115.50	7.25	3.59	0.09
199	118.93	16.17	1.19	0.11
A231-X15	119.50	21.25	0.84	0.10
A290-17	119.50	20.25	1.08	0.09
A296-98	119.88	19.31	0.64	0.23
A380-137	118.36	17.28	1.38	0.23
A381-181	117.84	17.29	4.14	0.13
126-03-07-72	119.09	20.65	0.99	0.22

Organic-geochemical proxies of sea surface temperature in surface sediments of the tropical eastern Indian

10008-4	-0.95	98.25	1.62	0.05
10010-1	-1.02	97.08	1.14	0.08
10014-1	1.67	96.97	1.43	0.07
10015-1	1.62	96.88	1.52	0.06
10016-2	1.58	96.65	1.57	0.06
10022-3	-0.48	98.85	1.22	0.04
10024-3	-0.77	99.27	1.74	0.07
10025-3	-0.67	99.12	1.18	0.05
10026-2	-0.93	99.52	1.42	0.04
10027-3	-0.80	99.65	1.52	0.06
10028-4	-0.68	99.75	1.18	0.04
10029-3	-1.48	100.12	1.03	0.04
10031-3	-1.68	99.60	1.36	0.06
10032-1	-1.67	99.67	1.29	0.07
10033-5	-1.55	99.95	1.29	0.04
10034-3	-4.15	101.48	1.43	0.06
10036-3	-5.33	103.65	0.41	0.22
10037-2	-5.47	103.55	0.37	0.19
10038-3	-5.93	103.23	0.81	0.14
10039-3	-5.87	103.28	1.05	0.06
10040-3	-6.47	102.85	1.01	0.04
10041-3	-6.27	103.00	1.75	0.04
10043-2	-7.30	105.05	0.77	0.07
10044-3	-8.48	109.00	0.94	0.13
10047-1	-9.30	109.00	1.26	0.04
10049-5	-8.78	110.48	0.91	0.06
10050-1	-9.45	110.43	1.06	0.02
10058-1	-8.68	112.63	0.82	0.05
10059-1	-8.67	112.87	0.70	0.05
10061-5	-9.72	113.02	1.52	0.03
10063-5	-9.63	118.15	0.48	0.01
10064-5	-9.53	118.30	0.61	0.01
10066-6	-9.38	118.57	1.06	0.02
10067-5	-9.13	119.28	1.02	0.03

10068-1	-9.58	121.15	0.99	0.02
10069-4	-9.58	120.90	1.28	0.01

A re-evaluation of the use of branched GDGTs as terrestrial biomarkers: Implications for the BIT Index htt

STN-1	-168.08	67.03	0.83	0.13
WHS-2	-167.03	70.05	1.50	0.05
WHS-5	-160.05	72.08	2.00	0.03
WHS-6	-160.00	73.02		
WHS-7	-159.07	73.03	1.40	0.09
WHS-12	-159.05	73.05	1.00	0.46
EHS-4	-157.08	73.08	2.00	0.05
EHS-6	-158.07	72.05	1.67	0.03
EHS-9	-158.03	72.08	1.40	0.04
EHS-11	-158.00	73.00	1.27	0.05
EHS-12	-157.05	73.03		0.13
BC-3	-156.07	73.07	0.95	0.18
BC-4	-155.07	71.05	0.88	0.11
BC-5	-154.07	71.08	0.80	0.12
BC-7	-154.03	72.00	1.00	0.04
EB-2	-154.03	72.05	0.86	0.19
EB-4	-152.05	71.03	0.88	0.28
EB-7	-152.03	71.05	1.00	0.11
Ik	-151.08	72.02		

Glacial–interglacial contrast in MBT/CBT proxies in the South China Sea: Implications for marine producti

0	8.82	111.43	2.28	0.08
2	8.82	111.43		
4	8.82	111.43	3.30	0.06
6	8.82	111.43	2.42	0.04
8	8.82	111.43	2.99	0.04
10	8.82	111.43	2.88	0.04
12	8.82	111.43	3.32	0.04
14	8.82	111.43	3.58	0.05
16	8.82	111.43	3.27	0.04
18	8.82	111.43	2.94	0.04
20	8.82	111.43	3.76	0.05
22	8.82	111.43		
24	8.82	111.43	3.00	0.05
26	8.82	111.43		
28	8.82	111.43	2.96	0.05
30	8.82	111.43	2.69	0.05
32	8.82	111.43		
34	8.82	111.43	2.31	0.05
36	8.82	111.43		
38	8.82	111.43		
40	8.82	111.43	2.97	0.05
42	8.82	111.43	2.81	0.05
44	8.82	111.43	2.78	0.05
46	8.82	111.43	3.19	0.06
48	8.82	111.43		
50	8.82	111.43	3.38	0.05
52	8.82	111.43	3.05	0.06
54	8.82	111.43	2.80	0.03
56	8.82	111.43	2.80	0.05

58	8.82	111.43	3.06	0.05
60	8.82	111.43	3.19	0.05
62	8.82	111.43	3.21	0.04
64	8.82	111.43	2.84	0.04
66	8.82	111.43	2.76	0.05
68	8.82	111.43	2.53	0.05
70	8.82	111.43	2.91	0.07
72	8.82	111.43	2.90	0.06
74	8.82	111.43	3.01	0.06
76	8.82	111.43	3.28	0.05
78	8.82	111.43	3.02	0.06
80	8.82	111.43	3.11	0.07
82	8.82	111.43	2.87	0.05
84	8.82	111.43	2.88	0.07
86	8.82	111.43	3.04	0.07
88	8.82	111.43	3.12	0.07
90	8.82	111.43	3.02	0.06
92	8.82	111.43	3.07	0.07
94	8.82	111.43	2.81	0.06
96	8.82	111.43	2.97	0.05
98	8.82	111.43	2.75	0.06
100	8.82	111.43		
102	8.82	111.43	2.12	0.09
104	8.82	111.43	2.17	0.07
106	8.82	111.43	2.26	0.08
108	8.82	111.43	2.17	0.08
110	8.82	111.43		
112	8.82	111.43		
114	8.82	111.43	1.98	0.08
116	8.82	111.43	2.06	0.12
118	8.82	111.43		0.10
120	8.82	111.43	2.21	0.12
122	8.82	111.43	1.83	0.10
124	8.82	111.43	1.66	0.13
126	8.82	111.43	1.90	0.36
128	8.82	111.43	1.75	0.11
130	8.82	111.43	1.95	0.11
132	8.82	111.43	1.78	0.12
134	8.82	111.43	1.82	0.11
136	8.82	111.43	1.56	0.11
138	8.82	111.43	1.48	0.12
140	8.82	111.43	1.71	0.10
142	8.82	111.43	1.60	0.13
144	8.82	111.43	#DIV/0!	
146	8.82	111.43	1.57	0.11
148	8.82	111.43	#DIV/0!	
150	8.82	111.43	1.38	0.12
152	8.82	111.43	1.25	0.14
154	8.82	111.43	1.69	0.09
156	8.82	111.43	1.65	0.10
158	8.82	111.43	1.71	0.10
160	8.82	111.43	1.50	0.11
162	8.82	111.43	1.52	0.12
164	8.82	111.43	1.84	0.11

166	8.82	111.43	1.63	0.14
168	8.82	111.43	1.67	0.14
170	8.82	111.43	1.67	0.15
172	8.82	111.43	1.58	0.17
174	8.82	111.43	1.56	0.12
176	8.82	111.43	1.42	0.13
178	8.82	111.43	1.51	0.13
180	8.82	111.43	1.32	0.13
182	8.82	111.43	1.35	0.12
184	8.82	111.43	1.67	0.12
186	8.82	111.43	1.63	0.12
188	8.82	111.43	1.18	0.12
190	8.82	111.43	1.61	0.12
192	8.82	111.43	1.65	0.13
194	8.82	111.43	1.24	0.15
196	8.82	111.43	1.54	0.14
198	8.82	111.43	1.73	0.14
70	8.82	111.43	0.05	0.18
72	8.82	111.43	1.23	0.14
74	8.82	111.43	1.09	0.22
76	8.82	111.43	1.47	0.12
78	8.82	111.43	0.05	0.11
80	8.82	111.43	1.38	0.13
82	8.82	111.43	1.72	0.15
84	8.82	111.43	5.05	0.14
86	8.82	111.43	1.45	0.12
88	8.82	111.43	1.48	0.10
90	8.82	111.43	1.08	0.17
92	8.82	111.43	1.30	0.14
94	8.82	111.43	1.19	0.19
96	8.82	111.43	1.02	0.28
98	8.82	111.43	1.31	0.15
100	8.82	111.43	1.09	0.24
102	8.82	111.43	1.52	0.12
104	8.82	111.43	1.40	0.17
106	8.82	111.43	1.70	0.11
108	8.82	111.43	1.45	0.11
110	8.82	111.43		
112	8.82	111.43		
114	8.82	111.43		
116	8.82	111.43	1.11	0.20
118	8.82	111.43	0.94	0.34
120	8.82	111.43	1.18	0.21
122	8.82	111.43		
124	8.82	111.43	0.89	0.29
126	8.82	111.43	1.21	0.16
128	8.82	111.43	1.25	0.14
130	8.82	111.43	0.92	0.26
132	8.82	111.43	1.29	0.12
134	8.82	111.43	1.43	0.11
136	8.82	111.43	0.87	0.27
138	8.82	111.43	1.13	0.12
140	8.82	111.43	1.12	0.18
142	8.82	111.43	1.28	0.10

144	8.82	111.43	1.40	0.11
146	8.82	111.43	1.03	0.25
148	8.82	111.43	1.09	0.21
150	8.82	111.43	0.92	0.19
152	8.82	111.43	0.95	0.19
154	8.82	111.43	1.36	0.13
156	8.82	111.43	1.22	0.17
158	8.82	111.43	1.17	0.23
160	8.82	111.43	1.34	0.24
162	8.82	111.43	1.59	0.15
164	8.82	111.43		
166	8.82	111.43	1.60	0.20
168	8.82	111.43	1.13	0.15
170	8.82	111.43	1.34	0.09
172	8.82	111.43	1.23	0.12
174	8.82	111.43	1.22	0.13
176	8.82	111.43	1.74	0.07
178	8.82	111.43	1.32	0.11
180	8.82	111.43	1.68	0.08
182	8.82	111.43	1.40	0.09
184	8.82	111.43	1.11	0.15
186	8.82	111.43	1.30	0.14
188	8.82	111.43	1.50	0.14
190	8.82	111.43	1.17	0.15
192	8.82	111.43	1.50	0.14
194	8.82	111.43		
196	8.82	111.43	1.28	0.09
198	8.82	111.43	1.44	0.09
200	8.82	111.43	1.13	0.16
202	8.82	111.43	1.48	0.09
204	8.82	111.43	1.23	0.11
206	8.82	111.43	1.29	0.13
208	8.82	111.43	1.43	0.09
210	8.82	111.43	1.22	0.08
212	8.82	111.43	1.09	0.12
214	8.82	111.43	0.97	0.15
216	8.82	111.43	1.20	0.10
218	8.82	111.43	1.58	0.08
220	8.82	111.43	0.69	0.12
222	8.82	111.43	0.91	0.13
224	8.82	111.43	1.29	0.08
226	8.82	111.43	0.85	0.16
228	8.82	111.43		
230	8.82	111.43	0.85	0.15
232	8.82	111.43	0.77	0.16
234	8.82	111.43	0.72	0.06
236	8.82	111.43	0.89	0.16
238	8.82	111.43	1.21	0.10
240	8.82	111.43	0.94	0.16
242	8.82	111.43	0.91	0.18
244	8.82	111.43	1.23	0.06
246	8.82	111.43	1.18	0.11
248	8.82	111.43	1.24	0.15
250	8.82	111.43	1.40	0.09

252	8.82	111.43	1.38	0.11
254	8.82	111.43	1.06	0.15
256	8.82	111.43		
258	8.82	111.43	1.48	0.08
260	8.82	111.43	1.08	0.15
262	8.82	111.43	0.97	0.15
264	8.82	111.43	1.10	0.17
266	8.82	111.43	1.16	0.11
268	8.82	111.43	1.21	0.06
270	8.82	111.43	0.99	0.07
272	8.82	111.43	1.38	0.15
274	8.82	111.43	1.19	0.10
276	8.82	111.43	1.50	0.05
278	8.82	111.43	1.49	0.06
280	8.82	111.43	1.25	0.09
282	8.82	111.43	1.27	0.10
284	8.82	111.43	1.63	0.06
286	8.82	111.43	1.40	0.08
288	8.82	111.43	1.90	0.07
290	8.82	111.43	1.45	0.09
292	8.82	111.43	1.56	0.06
294	8.82	111.43	1.54	0.05
296	8.82	111.43	1.09	0.11
298	8.82	111.43	1.28	0.16
300	8.82	111.43	1.26	0.09
302	8.82	111.43		
304	8.82	111.43	1.42	0.07
306	8.82	111.43	1.30	0.07
308	8.82	111.43	1.03	0.12
310	8.82	111.43	1.34	0.09
312	8.82	111.43	1.27	0.10
314	8.82	111.43	1.34	0.07
316	8.82	111.43	0.96	0.09
318	8.82	111.43	1.23	0.09
320	8.82	111.43	0.94	0.15
322	8.82	111.43	1.40	0.10
324	8.82	111.43	1.04	0.13
326	8.82	111.43	1.18	0.10
328	8.82	111.43	1.13	0.12
330	8.82	111.43	1.17	0.18
332	8.82	111.43	1.07	0.20
334	8.82	111.43	1.51	0.08
336	8.82	111.43	1.68	0.10
338	8.82	111.43	0.96	0.10
340	8.82	111.43	1.70	0.07
342	8.82	111.43	1.16	0.15
344	8.82	111.43	1.07	0.11
346	8.82	111.43	1.46	0.09
348	8.82	111.43	1.30	0.13
350	8.82	111.43	1.19	0.15
352	8.82	111.43	1.81	0.10
354	8.82	111.43	1.41	0.10
356	8.82	111.43	1.02	0.09
358	8.82	111.43	1.46	0.05

360	8.82	111.43	1.22	0.09
362	8.82	111.43	1.21	0.09
364	8.82	111.43	1.94	0.08
366	8.82	111.43	2.07	0.06
368	8.82	111.43	1.71	0.05
370	8.82	111.43	1.77	0.05
372	8.82	111.43	1.25	0.11
374	8.82	111.43	1.15	0.08
376	8.82	111.43	1.27	0.10
378	8.82	111.43	2.01	0.07
380	8.82	111.43	1.99	0.06
382	8.82	111.43	1.47	0.12
384	8.82	111.43	1.80	0.06
386	8.82	111.43	1.01	0.15
388	8.82	111.43	1.17	0.09
390	8.82	111.43	1.23	0.10
392	8.82	111.43	1.24	0.12
394	8.82	111.43	1.13	0.12
396	8.82	111.43	1.07	0.13
398	8.82	111.43	1.14	0.11
400	8.82	111.43	1.52	0.07
402	8.82	111.43	1.32	0.10
404	8.82	111.43	1.35	0.10
406	8.82	111.43	1.56	0.07
408	8.82	111.43	1.69	0.06
410	8.82	111.43	1.16	0.10
412	8.82	111.43	1.34	0.11
414	8.82	111.43	1.81	0.08
416	8.82	111.43	1.00	0.14
418	8.82	111.43	1.32	0.09
420	8.82	111.43	1.29	0.06
422	8.82	111.43	1.67	0.06
424	8.82	111.43	1.52	0.07
426	8.82	111.43	1.34	0.08
428	8.82	111.43	1.48	0.06
430	8.82	111.43	1.17	0.11
432	8.82	111.43	1.48	0.07
434	8.82	111.43	1.58	0.06
436	8.82	111.43	1.40	0.09
438	8.82	111.43	1.39	0.06
440	8.82	111.43	1.16	0.09
442	8.82	111.43	1.70	0.06
444	8.82	111.43	1.41	0.05
446	8.82	111.43	1.22	0.07
448	8.82	111.43	1.08	0.07
450	8.82	111.43	1.37	0.07
452	8.82	111.43	1.52	0.08
454	8.82	111.43	1.34	0.08
456	8.82	111.43	1.33	0.07
458	8.82	111.43	1.49	0.09
460	8.82	111.43	1.49	0.09
462	8.82	111.43	1.30	0.08
464	8.82	111.43	1.31	0.13
466	8.82	111.43	1.16	0.11

468	8.82	111.43	1.26	0.09
470	8.82	111.43	1.33	0.08
472	8.82	111.43	1.36	0.11
474	8.82	111.43	1.35	0.07
476	8.82	111.43	1.30	0.08
478	8.82	111.43	1.37	0.07
480	8.82	111.43	1.28	0.08
482	8.82	111.43	1.14	0.08
484	8.82	111.43	1.18	0.08
486	8.82	111.43	1.20	0.09
488	8.82	111.43	1.10	0.11
490	8.82	111.43	1.23	0.12
492	8.82	111.43	1.10	0.15
494	8.82	111.43	1.23	0.13
496	8.82	111.43	1.34	0.14
498	8.82	111.43	1.32	0.12
500	8.82	111.43	1.23	0.11
502	8.82	111.43	1.22	0.12
504	8.82	111.43	1.29	0.10
506	8.82	111.43	1.19	0.12
508	8.82	111.43	1.17	0.09
510	8.82	111.43	1.20	0.09
512	8.82	111.43	1.14	0.09
514	8.82	111.43	1.10	0.14
516	8.82	111.43	1.05	0.08
518	8.82	111.43	1.07	0.12
520	8.82	111.43	1.42	0.09
522	8.82	111.43	1.02	0.13
524	8.82	111.43	1.21	0.09
526	8.82	111.43	1.27	0.10
528	8.82	111.43	1.02	0.11
530	8.82	111.43	1.10	0.09
532	8.82	111.43	1.25	0.09
534	8.82	111.43	1.22	0.10
536	8.82	111.43	1.16	0.10
538	8.82	111.43		
540	8.82	111.43	0.89	0.16
542	8.82	111.43	1.17	0.11
544	8.82	111.43	1.15	0.11
546	8.82	111.43	0.97	0.12
548	8.82	111.43	0.87	0.10
550	8.82	111.43	0.94	0.16
552	8.82	111.43	1.14	0.13
554	8.82	111.43	1.25	0.11
556	8.82	111.43	1.17	0.11
558	8.82	111.43	1.09	0.11
560	8.82	111.43	1.31	0.09
562	8.82	111.43	1.23	0.10
564	8.82	111.43	1.25	0.09
566	8.82	111.43	1.21	0.09
568	8.82	111.43	1.18	0.09
570	8.82	111.43	1.21	0.06
572	8.82	111.43	1.04	0.06
574	8.82	111.43	1.02	0.06

576	8.82	111.43	0.99	0.07
578	8.82	111.43	1.19	0.08
580	8.82	111.43	#DIV/0!	0.08
582	8.82	111.43	1.49	0.06
584	8.82	111.43	1.56	0.06
586	8.82	111.43	1.35	0.08
588	8.82	111.43	1.57	0.06
590	8.82	111.43	1.57	0.07
592	8.82	111.43	1.61	0.05
594	8.82	111.43	1.46	0.05
596	8.82	111.43	1.62	0.05
598	8.82	111.43	1.49	0.07
600	8.82	111.43		
602	8.82	111.43	1.40	0.06
604	8.82	111.43	1.25	0.06
606	8.82	111.43		
608	8.82	111.43	2.08	0.04
610	8.82	111.43		
612	8.82	111.43	1.64	0.04
614	8.82	111.43	1.12	0.05
616	8.82	111.43	1.50	0.05
618	8.82	111.43	1.94	0.04
620	8.82	111.43		
622	8.82	111.43	1.61	0.04
624	8.82	111.43	1.69	0.05
626	8.82	111.43	1.55	0.05
628	8.82	111.43		
630	8.82	111.43	1.82	0.04
632	8.82	111.43	1.80	0.04
634	8.82	111.43	1.89	0.04
636	8.82	111.43	1.94	0.03
638	8.82	111.43	2.04	0.04
640	8.82	111.43	2.18	0.04
642	8.82	111.43	2.19	0.05
644	8.82	111.43	1.81	0.04
646	8.82	111.43		0.04
648	8.82	111.43	1.98	0.05
650	8.82	111.43	2.00	0.05
652	8.82	111.43	1.64	0.05
654	8.82	111.43	2.09	0.05
656	8.82	111.43	1.95	0.04
658	8.82	111.43	1.94	0.03
660	8.82	111.43	2.04	0.04
662	8.82	111.43	2.12	0.04
664	8.82	111.43	2.14	0.05
666	8.82	111.43	2.32	0.05
668	8.82	111.43	2.21	0.03
670	8.82	111.43	2.14	0.04
672	8.82	111.43	2.27	0.04
674	8.82	111.43	2.55	0.04
676	8.82	111.43	2.60	0.04
678	8.82	111.43	2.61	0.05
680	8.82	111.43	2.35	0.04
682	8.82	111.43	2.41	0.05

684	8.82	111.43	2.23	0.04
686	8.82	111.43	2.15	0.04
688	8.82	111.43	1.40	0.04
690	8.82	111.43	2.21	0.03
692	8.82	111.43	2.46	0.04
694	8.82	111.43		
696	8.82	111.43	1.24	0.05
698	8.82	111.43	2.67	0.05
700	8.82	111.43	2.52	0.05
702	8.82	111.43	2.53	0.05
704	8.82	111.43	2.34	0.05
706	8.82	111.43	2.57	0.05
708	8.82	111.43	2.57	0.06
710	8.82	111.43	2.24	0.06
712	8.82	111.43	2.55	0.06
714	8.82	111.43	2.38	0.06
716	8.82	111.43	2.58	0.07
718	8.82	111.43	2.04	0.06
720	8.82	111.43	1.97	0.06
722	8.82	111.43	2.28	0.05
724	8.82	111.43	2.16	0.06
726	8.82	111.43	1.96	0.07
728	8.82	111.43	2.12	0.05
730	8.82	111.43	2.22	0.05
732	8.82	111.43	2.09	0.05
734	8.82	111.43	1.94	0.05
736	8.82	111.43		
738	8.82	111.43		
740	8.82	111.43	2.06	0.05
742	8.82	111.43		
744	8.82	111.43	1.95	0.04
746	8.82	111.43	2.05	0.04
748	8.82	111.43	2.18	0.04
750	8.82	111.43	2.16	0.05
752	8.82	111.43	2.09	0.04
754	8.82	111.43	2.13	0.04
756	8.82	111.43	2.02	0.05
758	8.82	111.43	2.19	0.05
760	8.82	111.43	2.22	0.05
762	8.82	111.43	2.23	0.06
764	8.82	111.43	2.21	0.05
766	8.82	111.43	2.15	0.06
768	8.82	111.43	2.08	0.04
770	8.82	111.43	1.93	0.03
772	8.82	111.43		
774	8.82	111.43	2.19	0.04
776	8.82	111.43	2.07	0.04
778	8.82	111.43	2.19	0.04
780	8.82	111.43	2.12	0.04
782	8.82	111.43	1.99	0.04
784	8.82	111.43	2.32	0.04
786	8.82	111.43	2.10	0.05
788	8.82	111.43	2.21	0.05
790	8.82	111.43	1.91	0.06

792	8.82	111.43	2.13	0.05
794	8.82	111.43	1.77	0.03
796	8.82	111.43	1.99	0.04
798	8.82	111.43	2.18	0.04
800	8.82	111.43	2.15	0.04
802	8.82	111.43	2.19	0.05
804	8.82	111.43	2.29	0.05
806	8.82	111.43	2.16	0.04
808	8.82	111.43	2.48	0.04
810	8.82	111.43	1.19	0.03
812	8.82	111.43	2.30	0.03
814	8.82	111.43	2.29	0.04
816	8.82	111.43	2.31	0.04
818	8.82	111.43	2.21	0.05
820	8.82	111.43	2.61	0.04
822	8.82	111.43	2.53	0.04
824	8.82	111.43	2.38	0.05
826	8.82	111.43	2.40	0.05
828	8.82	111.43	2.47	0.06
830	8.82	111.43	2.36	0.05
832	8.82	111.43	2.64	0.05
834	8.82	111.43	2.38	0.05
836	8.82	111.43	2.62	0.05
838	8.82	111.43	2.51	0.05
840	8.82	111.43	2.30	0.04
842	8.82	111.43	2.38	0.04
844	8.82	111.43	2.11	0.04
846	8.82	111.43	2.40	0.05
848	8.82	111.43	2.26	0.04
850	8.82	111.43	2.10	0.05
852	8.82	111.43	2.47	0.05
854	8.82	111.43	2.26	0.05
856	8.82	111.43	2.39	0.05
858	8.82	111.43	2.56	0.06
860	8.82	111.43	2.24	0.07
862	8.82	111.43	2.54	0.07
864	8.82	111.43	2.59	0.06
866	8.82	111.43	2.42	0.07
868	8.82	111.43	2.25	0.07
870	8.82	111.43	2.43	0.07
872	8.82	111.43	2.13	0.06
874	8.82	111.43	1.99	0.05
876	8.82	111.43	2.36	0.06
878	8.82	111.43	2.52	0.06
880	8.82	111.43	2.20	0.05
882	8.82	111.43	2.08	0.05
884	8.82	111.43	2.07	0.03
886	8.82	111.43	2.11	0.04
888	8.82	111.43	2.19	0.05
890	8.82	111.43	1.74	0.05
892	8.82	111.43	1.90	0.05
894	8.82	111.43	1.95	0.05
896	8.82	111.43	1.84	0.05
898	8.82	111.43	2.04	0.06

900	8.82	111.43	2.29	0.05
902	8.82	111.43	1.96	0.05
904	8.82	111.43	2.41	0.04
906	8.82	111.43	2.74	0.04
908	8.82	111.43	2.83	0.04
910	8.82	111.43	2.63	0.04
912	8.82	111.43	2.26	0.04
914	8.82	111.43	2.50	0.04
916	8.82	111.43	2.69	0.03
918	8.82	111.43	2.91	0.04
920	8.82	111.43	2.58	0.04
922	8.82	111.43	2.76	0.05
924	8.82	111.43	3.02	0.05
926	8.82	111.43	2.58	0.04
928	8.82	111.43	2.86	0.04
930	8.82	111.43	2.55	0.05
932	8.82	111.43	2.77	0.05
934	8.82	111.43	2.86	0.05
936	8.82	111.43	2.85	0.04
938	8.82	111.43	2.69	0.05
940	8.82	111.43	2.87	0.04
942	8.82	111.43	2.80	0.04
944	8.82	111.43	2.77	0.04
946	8.82	111.43	2.71	0.04
948	8.82	111.43	2.80	0.04
950	8.82	111.43	2.76	0.04
952	8.82	111.43	2.81	0.05
954	8.82	111.43	2.81	0.04
956	8.82	111.43	2.92	0.04
958	8.82	111.43	2.95	0.04
960	8.82	111.43	2.83	0.04
962	8.82	111.43	2.78	0.05
964	8.82	111.43	2.76	0.04
966	8.82	111.43	2.66	0.04
968	8.82	111.43	2.96	0.04
970	8.82	111.43	2.52	0.04
972	8.82	111.43	2.79	0.04
974	8.82	111.43	2.66	0.04
976	8.82	111.43	2.64	0.04
978	8.82	111.43	2.35	0.04
980	8.82	111.43	2.45	0.04
982	8.82	111.43	2.46	0.05
984	8.82	111.43	2.81	0.05
986	8.82	111.43	2.23	0.03
988	8.82	111.43	3.00	0.05
990	8.82	111.43	3.07	0.06
992	8.82	111.43	2.93	0.05
994	8.82	111.43	2.69	0.05
996	8.82	111.43	2.67	0.05
998	8.82	111.43	2.68	0.06
1000	8.82	111.43	2.76	0.05
1002	8.82	111.43	2.63	0.04
1004	8.82	111.43	2.56	0.05
1006	8.82	111.43	2.43	0.06

1008	8.82	111.43	2.29	0.05
1010	8.82	111.43	2.30	0.06
1012	8.82	111.43	2.21	0.06
1014	8.82	111.43	1.94	0.07
1016	8.82	111.43	1.76	0.07
1018	8.82	111.43	1.80	0.07
1020	8.82	111.43	1.70	0.08
1022	8.82	111.43	1.84	0.08
1024	8.82	111.43	1.67	0.09
1026	8.82	111.43	1.65	0.10
1028	8.82	111.43	1.53	0.11
1030	8.82	111.43	1.53	0.10
1032	8.82	111.43	1.57	0.09
1034	8.82	111.43	1.52	0.10
1036	8.82	111.43	1.38	0.10
1038	8.82	111.43	1.39	0.11
1040	8.82	111.43	1.57	0.12
1042	8.82	111.43	1.41	0.13
1044	8.82	111.43	1.57	0.11
1046	8.82	111.43	1.45	0.11
1048	8.82	111.43	1.39	0.11
1050	8.82	111.43	1.44	0.12
1052	8.82	111.43	1.65	0.10
1054	8.82	111.43	1.49	0.10
1056	8.82	111.43	1.45	0.08
1058	8.82	111.43	1.43	0.11
1060	8.82	111.43	1.23	0.12
1062	8.82	111.43	1.24	0.10
1064	8.82	111.43	1.22	0.11
1066	8.82	111.43	1.18	0.12
1068	8.82	111.43	1.27	0.11
1070	8.82	111.43	1.19	0.11
1072	8.82	111.43	1.15	0.09
1074	8.82	111.43	1.17	0.11
1076	8.82	111.43	1.18	0.11
1078	8.82	111.43	1.24	0.12
1080	8.82	111.43	1.07	0.15
1082	8.82	111.43	1.14	0.15
1084	8.82	111.43	1.22	0.11
1086	8.82	111.43	1.30	0.10
1088	8.82	111.43	1.29	0.10
1090	8.82	111.43	1.35	0.09
1092	8.82	111.43	1.29	0.10
1094	8.82	111.43	1.42	0.11
1096	8.82	111.43	1.30	0.11
1098	8.82	111.43	1.11	0.12
1100	8.82	111.43	1.26	0.09
1102	8.82	111.43	1.34	0.10
1104	8.82	111.43	1.38	0.08
1106	8.82	111.43	1.46	0.10
1108	8.82	111.43	1.35	0.09
1110	8.82	111.43	1.56	0.10
1112	8.82	111.43	1.29	0.10
1114	8.82	111.43	1.35	0.09

1116	8.82	111.43	1.33	0.09
1118	8.82	111.43	1.36	0.08
1120	8.82	111.43	1.41	0.09
1122	8.82	111.43	1.53	0.09
1124	8.82	111.43	1.39	0.09
1126	8.82	111.43	1.38	0.09
1128	8.82	111.43	1.33	0.09
1130	8.82	111.43	1.34	0.09
1132	8.82	111.43	1.49	0.08
1134	8.82	111.43	1.45	0.08
1136	8.82	111.43	1.38	0.08
1138	8.82	111.43	1.56	0.08
1140	8.82	111.43	1.47	0.08
1142	8.82	111.43	1.62	0.08
1144	8.82	111.43	1.56	0.07
1146	8.82	111.43	1.58	0.07
1148	8.82	111.43	1.59	0.08
1150	8.82	111.43	1.77	0.09
1152	8.82	111.43	1.65	0.09
1154	8.82	111.43	1.45	0.08
1156	8.82	111.43	1.64	0.08
1158	8.82	111.43	1.61	0.09
1160	8.82	111.43	1.58	0.09
1162	8.82	111.43	1.54	0.09
1164	8.82	111.43	1.73	0.10
1166	8.82	111.43	1.54	0.09
1168	8.82	111.43	1.45	0.10
1170	8.82	111.43		
1172	8.82	111.43	1.45	0.10
1174	8.82	111.43	1.46	0.10
1176	8.82	111.43	1.32	0.10
1178	8.82	111.43	1.45	0.11
1180	8.82	111.43	1.52	0.10
1182	8.82	111.43	1.52	0.10
1184	8.82	111.43	1.26	0.09
1186	8.82	111.43	1.48	0.11
1188	8.82	111.43	1.40	0.09
1190	8.82	111.43	1.47	0.11
1192	8.82	111.43	1.30	0.12
1194	8.82	111.43	1.29	0.13
1196	8.82	111.43	1.50	0.13
1198	8.82	111.43	1.36	0.12
1200	8.82	111.43	1.40	0.12
1202	8.82	111.43	1.28	0.09
1204	8.82	111.43	1.46	0.11
1206	8.82	111.43	1.44	0.11
1208	8.82	111.43	1.40	0.11
1210	8.82	111.43	1.47	0.13
1212	8.82	111.43	1.46	0.12
1214	8.82	111.43		
1216	8.82	111.43	1.43	0.11
1218	8.82	111.43	1.51	0.11
1220	8.82	111.43	1.56	0.09
1222	8.82	111.43	1.47	0.09

1224	8.82	111.43		
1226	8.82	111.43	1.56	0.10
1228	8.82	111.43	1.63	0.10
1230	8.82	111.43	1.76	0.09
1232	8.82	111.43	4.24	0.08
1234	8.82	111.43	1.49	0.09
1236	8.82	111.43	1.60	0.10
1238	8.82	111.43	1.66	0.09
1240	8.82	111.43	1.79	0.09
1242	8.82	111.43	1.53	0.09
1244	8.82	111.43	1.49	0.11
1246	8.82	111.43	1.59	0.09
1248	8.82	111.43		
1250	8.82	111.43	1.51	0.10
1252	8.82	111.43	1.40	0.11
1254	8.82	111.43	1.71	0.09
1256	8.82	111.43	1.56	0.10
1258	8.82	111.43	1.54	0.09
1260	8.82	111.43	1.73	0.09
1262	8.82	111.43	1.63	0.08
1264	8.82	111.43	5.13	0.11
1266	8.82	111.43	1.46	0.12
1268	8.82	111.43	1.41	0.10
1270	8.82	111.43	1.51	0.11
1272	8.82	111.43	1.31	0.13
1274	8.82	111.43	1.32	0.14
1276	8.82	111.43	1.25	0.11
1278	8.82	111.43	1.24	0.13
1280	8.82	111.43	1.33	0.12
1282	8.82	111.43	1.18	0.10
1284	8.82	111.43		
1286	8.82	111.43	1.42	0.11
1288	8.82	111.43	1.18	0.10
1290	8.82	111.43	1.14	0.11
1292	8.82	111.43	1.26	0.10
1294	8.82	111.43	1.34	0.10
1296	8.82	111.43	1.42	0.10
1298	8.82	111.43	1.57	0.10
1300	8.82	111.43	1.47	0.08

High sea surface temperatures in tropical warm pools during the Pliocene http://www.nature.com/ngeo/jour

1143B 1H-3	9.37	113.28	1.71	0.10
1143B 1H-4	9.37	113.28	1.07	0.15
1143B 2H-1	9.37	113.28	2.04	0.15
1143B 2H-2	9.37	113.28	0.66	0.22
1143B 2H-2	9.37	113.28	1.21	0.17
1143B 2H-5	9.37	113.28	3.26	0.11
1143C 2H-3	9.37	113.28	1.79	0.15
1143C 2H-5	9.37	113.28	2.28	0.06
1143B 3H-3	9.37	113.28	3.36	0.09
1143B 3H-4	9.37	113.28	2.19	0.11
1143B 3H-5	9.37	113.28		
1143C 3H-4	9.37	113.28		
1143C 3H-5	9.37	113.28	2.34	0.11

1143B 4H-3	9.37	113.28	2.10	0.17
1143B 4H-4	9.37	113.28	3.41	0.13
1143B 4H-5	9.37	113.28	4.32	0.12
1143B 4H-6	9.37	113.28	2.33	0.30
1143B 5H-2	9.37	113.28	1.10	0.20
1143B 5H-2	9.37	113.28	2.48	0.16
1143B 5H-3	9.37	113.28		
1143B 5H-5	9.37	113.28	2.26	0.10
1143B 5H-6	9.37	113.28	0.69	0.27
1143C 5H-5	9.37	113.28	2.09	0.12
1143B 6H-1	9.37	113.28	1.67	0.73
1143C 6H-1	9.37	113.28	3.56	0.25
1143C 6H-2	9.37	113.28	2.40	0.15
1143B 6H-4	9.37	113.28	1.27	0.16
1143C 6H-4	9.37	113.28		
1143C 6H-6	9.37	113.28	2.50	0.10
1143B 7H-1	9.37	113.28	0.92	0.13
1143B 7H-3	9.37	113.28	1.87	0.23
1143B 7H-5	9.37	113.28	1.10	0.11
1143C 7H-5	9.37	113.28	2.08	0.08
1143C 7H-6	9.37	113.28	2.06	0.09
1143B 8H-1	9.37	113.28	1.60	0.14
1143B 8H-2	9.37	113.28		
1143B 8H-3	9.37	113.28	1.29	0.13
1143B 8H-5	9.37	113.28	0.99	0.13
1143C 8H-5	9.37	113.28	1.14	0.10
1143B 9H-1	9.37	113.28	1.43	0.23
1143B 9H-2	9.37	113.28	2.15	0.15
1143B 9H-4	9.37	113.28	1.67	0.21
1143B 9H-5	9.37	113.28		
1143B 9H-6	9.37	113.28	1.98	0.14
1143B 10H-1	9.37	113.28	1.86	0.08
1143B 10H-3	9.37	113.28	2.35	0.12
1143C 10H-3	9.37	113.28	2.07	0.14
1143B 10H-5	9.37	113.28	1.12	0.17
1143B 10H-6	9.37	113.28	1.32	0.13
1143C 10H-6	9.37	113.28	0.98	0.13
1143B 11H-1	9.37	113.28	2.34	0.12
1143B 11H-4	9.37	113.28	1.94	0.17
1143B 11H-5	9.37	113.28		
1143B 11H-7	9.37	113.28	2.03	0.23
1143C 11H-7	9.37	113.28		
1143B 12H-3	9.37	113.28	1.66	0.13
1143B 12H-3	9.37	113.28	2.15	0.17
1143B 12H-4	9.37	113.28		
1143B 12H-6	9.37	113.28	2.05	0.15
1143C 12H-6	9.37	113.28	1.38	0.11
1143B 13H-2	9.37	113.28	2.42	0.15
1143B 13H-4	9.37	113.28		
1143B 13H-4	9.37	113.28	2.45	0.13
1143B 13H-6	9.37	113.28		
1143A 14H-3	9.37	113.28		
1143B 14H-1	9.37	113.28	2.00	0.16
1143C 14H-1	9.37	113.28	1.77	0.10

1143B 14H-3	9.37	113.28	2.31	0.16
1143C 14H-2	9.37	113.28	2.04	0.07
1143C 14H-3	9.37	113.28		
1143C 14H-3	9.37	113.28	2.04	0.10
1143C 14H-4	9.37	113.28		
1143B 14H-5	9.37	113.28	2.32	0.11
1143C 14H-6	9.37	113.28	1.06	0.05
1143B 15H-1	9.37	113.28	1.24	0.17
1143B 15H-2	9.37	113.28	1.99	0.08
1143B 15H-3	9.37	113.28	1.94	0.11
1143B 15H-4	9.37	113.28		
1143B 15H-5	9.37	113.28	1.57	0.10
1143A 16H-4	9.37	113.28		
1143B 16H-1	9.37	113.28	2.06	0.22
1143A 16H-4	9.37	113.28		
1143C 16H-1	9.37	113.28	1.04	0.17
1143B 16H-3	9.37	113.28	2.25	0.16
1143C 16H-2	9.37	113.28		
1143B 16H-5	9.37	113.28	2.29	0.16
1143B 16H-7	9.37	113.28	2.24	0.10
1143C 16H-6	9.37	113.28	2.21	0.11
1143C 16H-6	9.37	113.28		
1143B 17H-2	9.37	113.28	1.96	0.22
1143B 17H-3	9.37	113.28		
1143B 17H-3	9.37	113.28	1.71	0.35
1143B 17H-4	9.37	113.28	2.31	0.13
1143B 17H-5	9.37	113.28	2.15	0.20
1143B 17H-6	9.37	113.28	2.24	0.11
1143C 17H-5	9.37	113.28		
1143C 17H-5	9.37	113.28	2.01	0.15
1143A 18H-4	9.37	113.28		
1143B 18H-3	9.37	113.28	1.85	0.19
1143B 18H-3	9.37	113.28	2.30	0.35
1143A 18H-6	9.37	113.28		
1143B 18H-5	9.37	113.28	2.52	0.13
1143B 18H-6	9.37	113.28	1.50	0.12
1143B 18H-7	9.37	113.28	1.87	0.20
1143C 18H-5	9.37	113.28	1.87	0.17
1143C 18H-6	9.37	113.28		
1143B 19H-2	9.37	113.28	2.16	0.17
1143B 19H-2	9.37	113.28		
1143B 19H-3	9.37	113.28	1.63	0.22
1143B 19H-3	9.37	113.28	2.04	0.11
1143B 19H-4	9.37	113.28	2.30	0.11
1143B 19H-5	9.37	113.28		
1143B 19H-5	9.37	113.28	2.05	0.18
1143B 19H-5	9.37	113.28	1.72	0.08
1143B 20X-1	9.37	113.28	1.90	0.11
1143B 20X-4	9.37	113.28	1.64	0.12

Isoprenoid and branched GDGT-based proxies for surface sediments from marine, fjord and lake environments in C

GeoB7118-1	-25.98	-70.80	0.96	0.02
GeoB7122-2	-25.98	-70.83	0.88	0.02
GeoB7129-1	-28.42	-71.32	0.62	0.02

GeoB7147-1	-31.97	-71.67	0.57	0.02
GeoB7162-4	-36.53	-73.67	0.67	0.02
GeoB7197-1	-40.98	-74.55	0.85	0.02
GeoB7182-1	-44.15	-75.15	1.25	0.06
MD07-3094	-44.15	-75.15	1.01	0.03
GeoB7187-1	-44.28	-75.38	0.95	0.03
GeoB7189-1	-44.32	-75.37	0.93	0.02
MD07-3091	-44.32	-75.37	0.95	0.04
MD07-3086	-48.45	-76.27	0.92	0.02
MD07-3084	-49.17	-76.57	1.02	0.02

GDGT distributions on the East Siberian Arctic Shelf: implications for organic carbon export, burial and de

TB-17	72.29	132.92	0.66	0.41
TB-18	72.17	133.00	0.70	0.34
TB-19	72.09	132.78	0.66	0.49
TB-20	71.93	132.62	0.68	0.68
TB-22	71.88	132.11	0.79	0.44
TB-23	71.83	131.67	0.61	0.49
TB-24	71.76	131.17	0.63	0.53
TB-25	71.72	130.83	0.57	0.55
TB-26	71.69	130.58	0.74	0.62
TB-27	71.66	130.33	0.78	0.65
TB-28	71.62	130.04	0.86	0.78
TB-30	71.87	129.83	0.87	0.88
TB-31	71.86	130.32	0.72	0.64
TB-32	71.86	131.09	0.53	0.56
TB-33	72.09	131.09	0.59	0.53
TB-34	72.29	131.09	0.70	0.41
TB-35	72.46	131.09	0.59	0.54
TB-36	72.59	131.10	0.74	0.39
TB-37	72.71	131.09	0.77	0.60
TB-38	72.93	130.84	0.58	0.49
TB-39	72.93	130.66	0.67	0.53
TB-40	72.93	130.03	0.85	0.88
TB-43	72.89	131.93	0.57	0.40
TB-44	72.71	131.66	0.57	0.44
TB-45	72.70	130.66	0.70	0.60
TB-46	72.70	130.18	0.86	0.92
TB-47	72.45	130.12	0.87	0.95
TB-48	72.59	130.12	0.83	0.95
TB-49	72.59	130.68	0.64	0.67
TB-50	72.59	131.66	0.62	0.43
TB-52	72.45	130.67	0.68	0.65
TB-54	72.28	130.59	0.60	0.51
TB-55	72.29	131.72	0.55	0.50
TB-56	72.10	131.72	0.59	0.49
TB-57	72.00	131.77	0.65	0.44
TB-59	72.09	130.06	0.87	0.78
YS-9	73.37	130.00	0.60	0.42
YS-10	73.18	130.00	0.69	0.48
YS-11	73.02	129.99	0.79	0.70
YS-12B	71.92	132.39	0.64	0.53
YS-13	71.97	131.70	0.60	0.48
YS-14	71.63	130.05	0.84	0.88

YS-15	71.63	130.05	0.86	0.76
YS-16	71.63	130.32	0.76	0.64
YS-17	71.63	130.19	0.81	0.66
YS-18	73.03	133.00	0.72	0.26
YS-19	73.04	133.46	0.63	0.35
YS-4	75.99	129.98	1.00	0.07
YS-5	75.27	130.02	0.85	0.09
YS-6	74.72	130.02	0.90	0.15
YS-28	72.65	154.19	0.77	0.15
YS-31	71.59	161.69	0.67	0.28
YS-36	69.82	166.00	0.77	0.12
YS-37	70.14	168.01	1.15	0.07
YS-38	70.70	169.13	1.01	0.05
YS-39	71.22	169.37	1.97	0.02
YS-40	71.48	170.55	1.87	0.02
YS-41	71.97	171.79	1.44	0.03
YS-86	75.30	174.40		0.01
YS-88	75.10	172.19	2.14	0.01
YS-90	74.67	172.39	1.48	0.02
YS-91	74.43	170.85	1.58	0.02
YS-93	74.42	166.00	1.35	0.03
YS-95	74.42	161.34	1.10	0.04
YS-98	75.55	160.75	2.21	0.03
YS-99	75.17	163.59	1.07	0.06
YS-100	75.72	164.08	1.02	0.03
YS-102	76.56	160.07		0.00
YS-104	76.93	155.17	1.03	0.05
YS-106	76.97	150.29	1.76	0.05
YS-111	75.00	160.01	1.15	0.06
YS-112	74.83	159.33	1.19	0.07
YS-116	74.58	157.00	0.78	0.07
YS-118	74.33	156.01	0.81	0.09
YS-120	73.29	155.17	0.82	0.09
YS-131	76.40	125.47	1.22	0.05
YS-8	73.57	130.01	0.92	0.10
YS-26	72.46	150.60	0.82	0.47
YS-27	72.57	152.37	0.72	0.28
YS-29	72.20	153.17	0.76	0.32
YS-30	71.36	152.15	0.82	0.58
YS-32	70.57	161.22	0.74	0.33
YS-33	70.17	161.22	0.92	0.30
YS-34B	69.71	162.69	0.70	0.51
YS-35	69.82	164.06	0.66	0.28
YS-20	73.31	139.89	0.78	0.50
YS-21	73.09	140.35	0.94	0.46
YS-22	72.88	140.63	0.78	0.66
YS-22B	72.89	140.62	0.85	0.59
YS-23	72.79	142.67	0.83	0.54
YS-24	73.05	142.67	0.83	0.56
YS-25	73.14	142.67	0.95	0.53

Drastic changes in the distribution of branched tetraether lipids in suspended matter and sediments from th

YM1	70.86	83.43	1.03	0.98
YM2	71.88	82.82	0.97	0.97

YM3	71.84	82.78	0.97	0.97
YM4	71.81	82.75	1.03	0.97
YM5	71.77	82.71	1.03	0.97
YG1	72.65	80.14	0.81	0.75
YG2a	73.08	79.98	0.77	0.84
YG2b	73.08	79.98	0.70	0.58
YG3	73.15	80.49	0.77	0.84
YG4	73.36	80.49	0.70	0.83
YG5	73.40	80.48	0.63	0.61
YG6	72.72	79.11	0.76	0.80
YG7	72.56	79.30	0.56	0.75
YG8	72.45	77.05	0.77	0.67
YG9	72.62	77.52	0.77	0.68
YO1	74.29	78.62	0.59	0.65
YO2	75.68	83.20	1.96	0.35
YO3	76.09	84.86	0.95	0.22
KS1	77.22	78.09	0.51	0.84
KS2	75.84	68.91	0.54	0.75
KS3	72.34	65.98	0.59	0.47
KS4	78.48	72.80	0.53	0.53
KB1	71.18	77.38	0.89	0.97
KB2	71.19	77.46	0.97	0.97
KB3	71.22	77.57	1.09	0.95
KB4	71.24	77.69	0.95	0.97
KG1	71.78	75.81	0.85	0.71
KG2	71.78	75.98	0.88	0.71
OO1	73.56	73.30	0.77	0.67
OO2	73.84	75.09	0.67	0.73

Branched glycerol dialkyl glycerol tetraethers and crenarchaeol record post-glacial sea level rise and shift in

1	78.47	72.78	1.53	0.07
10	78.47	72.78	1.71	0.06
18	78.47	72.78	1.42	0.05
40	78.47	72.78	1.50	0.05
60	78.47	72.78	1.24	0.06
80	78.47	72.78	1.10	0.07
100	78.47	72.78	1.19	0.05
120	78.47	72.78	0.80	0.11
125	78.47	72.78	0.72	0.17
130	78.47	72.78	0.69	0.20
137	78.47	72.78	0.66	0.45
142	78.47	72.78	0.76	0.65
146	78.47	72.78	0.67	0.71
148	78.47	72.78	0.73	0.53
150	78.47	72.78	1.00	0.44
153	78.47	72.78	0.48	0.47
155	78.47	72.78	0.68	0.59
160	78.47	72.78	0.54	0.87
170	78.47	72.78	0.62	0.81
180	78.47	72.78	0.65	0.81
190	78.47	72.78	0.74	0.80
200	78.47	72.78	0.76	0.79
210	78.47	72.78	0.00	0.81
215	78.47	72.78	0.67	0.71

234	78.47	72.78	0.60	0.79
244	78.47	72.78	0.61	0.76
254	78.47	72.78	0.63	0.73
264	78.47	72.78	0.60	0.68
269	78.47	72.78	0.59	0.70
274	78.47	72.78	0.65	0.73
284	78.47	72.78	0.61	0.78
292	78.47	72.78	0.63	0.77

Constraints on the sources of branched tetraether membrane lipids in distal marine sediments http://dx.doi.

GeoB2212-1	4.03	-25.62	4.37	0.06
GeoB2213-1	1.27	-24.15	4.87	0.01
GeoB2707-4	-41.95	-56.32	0.34	0.01
GeoB2722-2	-47.33	-58.62	0.40	0.00
GeoB2723-2	-48.91	-57.88	0.57	0.02
GeoB2806-6	-37.83	-53.14	0.60	0.01
GeoB2809-2	-36.33	-51.52	0.52	0.02
GeoB2824-1	-33.50	-42.50	2.66	0.01
GeoB6407-2	-42.04	-19.50	3.53	0.01
GeoB6410-1	-44.52	-20.90	5.44	0.01
GeoB8303-5	-34.26	16.78	0.70	0.01
GeoB8336-5	-29.21	12.34	2.44	0.01
GeoB8342-5	-31.50	13.00	2.80	0.01
GeoB9526-4	12.43	-18.06	0.55	0.02
GeoB9529-1	8.35	-17.37	0.33	0.02
IS-S2	48.18	-9.71	0.56	0.02
ENAM9407	62.96	-4.03	0.27	0.02
AII-GGC-22	-54.79	-3.33		0.03
T89-32	-14.97	10.67	1.49	0.07
T89-40	-21.62	6.78	2.67	0.01
NP-07-13-09	79.07	10.67	1.77	0.02
NP-07-13-49	79.01	11.38	1.67	0.01
HS 253	-75.00	-26.00	3.81	0.02
GeoB10016-2	1.60	96.66	0.27	0.02
GeoB10040-3	-6.48	102.86	0.99	0.01
NIOP 902	10.78	51.58	0.62	0.03
NIOP 903	10.78	51.66	0.97	0.02
NIOP 904	10.79	51.77	1.33	0.02
NIOP 907	10.80	52.25		0.01
NIOP 908	10.78	52.92	1.64	0.02
Box 476	24.10	65.47	2.42	0.03
PM1	-11.98	-77.32	0.97	0.02
PM7	-11.05	-78.07	1.89	0.03
F1-3c	30.00	-123.99	0.61	0.07
F4-7c	27.38	-123.33	1.24	0.07
Cariaco	10.67	-65.60	0.46	0.01
MC-1	41.30	141.55	1.07	0.02
BS	43.00	34.00	1.10	0.02

Core-top calibration of the lipid-based U 37 K ′ mathContainer Loading Mathjax and TEX 86 temperatur

10701	40.00	17.47	267.53	0.03
10702	40.00	17.59	267.55	0.03
10703	40.00	17.74	267.58	0.04

10704	40.00	17.83	267.60	0.06
10705	39.85	17.91	268.61	0.06
10706	39.83	17.83		
10707	39.78	17.58	269.13	0.06
10708	39.81	17.73	268.99	0.05
10709	39.76	17.89	269.36	0.06
10710	39.59	17.68	270.51	0.04
10711	39.68	17.80	269.91	0.07
10712	39.73	17.86	269.64	0.05
10713	39.69	18.28	269.91	0.07
10714	39.64	18.28	270.28	0.05
10715	39.56	18.28	270.86	0.05
10716	39.34	18.28	272.36	0.07
10717	39.74	18.08	269.67	0.08
10718	39.69	18.06	270.02	0.06
10719	39.65	18.04	270.32	0.09
10720	39.51	17.98	271.35	0.08
10721	42.17	16.77	254.26	0.04
10722	42.17	16.50	254.28	0.05
10723	42.17	16.00	254.30	0.07
10724	42.00	16.22	255.33	0.21
10725	43.00	16.37	249.42	0.20
10726	42.00	16.72	255.38	0.09
10727	41.80	16.62	256.62	0.11
10728	41.78	16.86	256.75	0.05
10729	41.65	17.19	257.62	0.03
10730	41.50	17.05	258.56	0.06
10731	41.50	16.66	258.58	0.06
10732	41.50	16.41	258.60	0.14
10733	41.50	16.22	258.63	0.25
10734	41.67	16.24	257.62	0.29
10735	41.50	17.31	258.67	0.02
10736	40.76	18.19	263.41	0.07
10737	40.63	18.33	264.30	0.09
10738	40.55	18.47	264.84	0.08
10739	40.50	18.64	265.16	0.04
10740	40.39	18.58	265.90	0.06
10741	40.23	18.67	266.97	0.05
10742	39.72	18.78	270.47	0.04
10743	39.82	18.64	269.76	0.05
10744	39.85	18.60	269.61	0.07
10746	39.91	16.76	269.27	0.06
10747	39.72	16.97	270.54	0.04
10748	39.67	17.05	270.96	0.05
10749	39.60	17.18	271.44	0.05

Distribution of Crenarchaeota tetraether membrane lipids in surface sediments from the Red Sea

MC359	27.69	34.60	0.29	0.01
MC601	27.71	35.05	0.27	0.03
MC596	27.05	35.41	0.41	0.01
MC360	26.29	35.36	0.29	0.07
MC362	25.75	35.09	0.46	0.03

MC363	25.52	35.61	0.19	0.05
MC364	24.76	36.23	0.32	0.05
MC365	23.31	36.71	0.30	0.05
MC71	23.39	36.98	0.18	0.07
MC73	22.92	37.38	0.25	0.05
MC79	22.25	37.78	0.27	0.09
MC85	21.43	37.98	0.18	0.11
MC95	19.91	38.01	0.89	0.03
MC101	20.11	38.42	0.22	0.08
MC113	19.64	38.61	0.17	0.07
MC111	19.46	38.72	0.47	0.04
MC108	19.14	39.05	0.51	0.05
MC105	18.60	39.06	0.65	0.04
MC366	17.36	40.02	0.68	0.03
MC367	15.56	41.67	0.48	0.03
MC368	12.40	44.49	0.78	0.04
MC120	12.49	45.71	2.24	0.19
MC124	12.87	47.42	2.46	0.05
MC126	13.33	47.51	2.33	0.05
MC123	13.08	47.92	1.26	0.09

Spatial distributions of core and intact glycerol dialkyl glycerol tetraethers (GDGTs) in the Columbia River

CR St. 8	46.21	-123.91	0.83	0.47
CR St. 9.1	46.27	-124.01	0.74	0.71
CR St. 9.2	46.27	-124.01	0.86	0.77
CR St. 9.3	46.27	-124.01	0.80	0.72
CR St. 10	46.27	-124.01	0.62	0.23
WB St. 1	46.60	-123.90	0.65	0.45
WB St. 2	46.60	-123.91	0.63	0.46
WB St. 3	46.61	-123.92	0.60	0.38
WB St. 4	46.63	-123.95	0.69	0.36
WB St. 6	46.69	-123.73	0.64	0.72
WB St. 8	46.70	-123.89	0.63	0.46
WB St. 9	46.71	-123.85	0.60	0.56
WB St. 10	46.67	-123.81	0.63	0.65
WB St. 11	46.68	-123.79	0.60	0.69
WB St. 12	46.71	-123.85	0.58	0.55
CR-15	46.17	-124.33	0.98	0.04
CR-40	46.17	-124.91	1.39	0.01
CR-7	46.17	-124.16	0.20	0.00

Constraints on the application of the MBT/CBT palaeothermometer at high latitude environments (Svalbar

NP-07-13-08	79.02	10.73	1.67	0.19
NP-07-13-09	79.05	10.65	1.77	0.18
NP-07-13-10	79.05	10.83	2.06	0.16
NP-07-13-11	79.12	11.65	1.25	0.04
NP-07-13-13	79.28	11.67	1.00	0.01
NP-07-13-14	79.25	11.67	1.00	0.01
NP-07-13-15	79.22	11.70	1.00	0.02
NP-07-13-16	79.18	11.75	1.14	0.06
NP-07-13-21	79.22	11.92	0.67	0.03
NP-07-13-23	79.00	11.02	2.00	0.16
NP-07-13-24	79.00	10.85	1.89	0.15

NP-07-13-25	79.03	10.87	1.63	0.19
NP-07-13-26	79.05	11.08	1.81	0.14
NP-07-13-40	78.95	11.95	1.22	0.07
NP-07-13-41	78.97	11.78	1.58	0.11
NP-07-13-42	78.98	11.83	1.33	0.08
NP-07-13-44	79.00	11.72	1.33	0.08
NP-07-13-46	79.02	11.48	1.44	0.08
NP-07-13-47	79.00	11.60	1.43	0.06
NP-07-13-48	78.98	11.50	1.67	0.11
NP-07-13-49	79.00	11.37	1.67	0.11
NP-07-13-50	79.02	11.30	1.57	0.12
NP-07-13-51	79.03	11.37	1.73	0.20
NP-07-13-52	79.07	11.37	1.33	0.03
NP-07-13-53	78.98	11.65	1.36	0.10
NP-07-13-55	79.13	11.73	1.00	0.06
NP-07-13-60	78.92	12.05	1.00	0.03
NP-07-13-61	78.90	12.40	1.00	0.01
NP-07-13-64	79.05	11.48	1.57	0.07

Global Soils

Correlations between microbial tetraether lipids and environmental variables in Chinese soils: Optimizing the paleo-recons

Wudachi	37.75	107.42	0.56	0.75
DY-A	37.48	118.38	0.32	0.64
DY-1	37.48	118.38	0.56	0.60
DY-2	37.48	118.38		0.91
DY-3	37.48	118.38	0.39	0.62
DYLJ-1	37.48	118.02	0.35	0.31
DYLJ-3	37.48	118.02	0.38	0.28
XZ-49	29.65	90.92	0.33	0.98
CD-2	30.67	103.82	0.20	0.94
CD-5	30.67	103.82	0.12	0.88
CD-7	30.67	103.82	0.33	0.75
VSL-1	29.57	106.42	0.15	0.84
VSS-1	29.57	106.42	0.31	0.73
HS-S-2	30.45	110.42	0.47	0.93
HS-S-6	30.45	110.42	0.53	0.91
HS-S-11	30.45	110.42	0.47	0.90
WH2009-5-31	30.05	114.03	0.07	0.98
WH2009-1	30.05	114.03	0.10	0.98
WH2009-2	30.05	114.03	0.08	0.95
DHS-1	23.17	112.53	0.21	0.95
DHS-2	23.17	112.53	0.07	0.96
DHS-5	23.17	112.53	0.00	0.98
DHS-6	23.17	112.53	0.05	0.92
DHS-7	23.17	112.53	0.04	0.97
JFL-1a	18.72	108.87	0.06	0.99
JFL-2b	18.72	108.87	0.07	1.00
JFL-3	18.70	108.87	0.08	1.00
JFL-4b	18.70	108.87	0.06	1.00
JFL-5a	18.70	108.87	0.05	0.99
JFL-6a	18.70	108.87	0.07	1.00
JFL-7	18.70	108.87	0.07	1.00
JFL-8b	18.68	108.85	0.09	0.99
JFL-10a	18.70	108.83	0.05	0.98
JFL-11	18.70	108.83	0.08	0.97
JFL-12	18.68	108.82	0.15	0.99
JFL-13	18.70	108.82	0.10	0.96
JFL-14	18.70	108.78	0.08	0.91
JXZS-1	28.03	115.50	0.14	0.97
JXZS-2	28.03	115.50	0.14	0.99
JXZS-3	28.03	115.50	0.09	0.97
LP-1	34.90	109.63	0.48	0.69
LP-2	35.20	110.13	0.57	0.81
LP-3	35.55	110.50	0.50	0.68
LP-4	35.63	110.75	0.43	0.42
LP-5	35.78	111.30	0.36	0.35
LP-6	36.22	111.67	0.53	0.30
LP-7	36.58	111.68	0.48	0.42
LP-8	36.83	111.75	0.53	0.55
LP-9	36.88	111.78	0.50	0.28
LP-10	37.15	112.15	0.49	0.56
LP-11	38.20	112.62	0.65	0.54
LP-12	39.15	112.77	0.56	0.57

LP-13	39.60	112.25	0.76	0.55
LP-14	39.90	111.77	0.66	0.83
LP-15	40.20	111.68	0.51	0.49
LP-16	39.65	111.87	0.66	0.48
LP-17	39.63	112.08	0.67	0.23
LP-18	39.02	112.35	0.67	0.65
LP-19	37.48	112.03	0.56	0.73
LP-20	37.25	111.63	0.73	0.72
LP-21	37.42	110.88	0.69	0.77
LP-22	37.57	110.50	0.76	0.84
LP-23	37.53	109.50	0.35	0.65
LP-24	37.60	108.83	0.57	0.53
LP-25	37.50	108.87	0.71	0.57
LP-26	37.35	108.93	0.59	0.59
LP-27	37.20	108.98	0.47	0.70
LP-28	36.97	109.25	0.64	0.68
LP-29	36.67	109.47	0.58	0.66
LP-30	36.40	109.50	0.64	0.75
LP-31	35.92	109.47	0.39	0.67
LP-32	35.72	109.33	0.51	0.83
LP-33	35.45	109.12	0.50	0.57
LP-34	35.22	109.03	0.54	0.66
Maoba-2	32.33	108.23	0.31	0.81
Maoba-1	32.30	108.20	0.48	0.43
PJ-4			0.41	0.64
PJ-6			0.41	0.93
Qinglingding	33.83	108.80	0.44	0.94
TJ-1	38.70	117.52	0.55	0.72
TJ-3	38.73	117.47	0.71	0.71
TJ-6	38.70	117.43	0.46	0.46
TJ-9	38.70	117.45	0.61	0.78
XJBC-3	39.75	78.52	0.66	0.72
XJBC-5	39.75	78.52	0.74	0.74
Xunyangba-2	33.55	108.60	0.64	0.92
Yancheng			0.33	0.47
Guangcheng	32.43	108.32	0.21	0.98
10NJS-1	34.35	109.53	0.41	0.63
10NJS-2	34.35	109.53	0.40	0.72
10NJS-3	34.35	109.53	0.39	0.75
10NJS-4	34.35	109.53	0.41	0.75
10NJS-5	34.35	109.53	0.33	0.77
DN-1	24.75	115.03	0.04	0.95
DN-2	24.75	115.03	0.06	0.90
DN-3	24.75	115.03	0.09	0.97
KM-1			0.09	0.98
KM-4	24.87	102.65	0.25	0.89
NN Moss-1	22.80	108.38	0.00	1.00
NN-1	22.80	108.38	0.05	0.89
NN-4	22.80	108.38	0.04	0.97
NN-6	22.78	108.37	0.03	1.00
TS-1	34.57	105.60	0.74	0.31
TS-3	34.57	105.60	0.62	0.58
TS-5	34.57	105.60	0.56	0.58
XN 1-0	36.52	101.87	0.97	0.50

XN 2-0	36.52	101.87	1.02	0.28
XN 3-0	36.52	101.87	0.78	0.45

Occurrence and distribution of tetraether membrane lipids in soils: Implications for the use of the TEX86 proxy and the BI

Alaska-17	64.87	-147.83	0.52	0.66
			0.58	0.90
Cameroon-1	4.23	9.33	0.11	0.82
			0.00	0.98
Canada-17	49.95	-98.18	0.54	0.73
			0.58	0.74
			0.59	0.89
			0.69	0.88
France-15	45.05	2.55	0.23	0.94
			0.17	0.92
			0.20	0.96
			0.17	0.95
Gabon-1	0.52	12.80	0.10	0.94
			0.07	0.95
			0.00	0.95
Gabon-2	-1.52	14.12	0.00	0.96
Gabon-3	-1.68	13.58	0.00	0.99
			0.00	0.98
Gabon-4	-2.22	11.53	0.00	0.97
			0.00	1.00
Gabon-5	-2.35	11.38	0.00	1.00
Gabon-6	-0.52	10.28	0.08	0.74
			0.00	0.92
Ghana-2	6.00	0.00	0.00	0.80
				0.84
Greece-13	40.50	23.55	0.21	0.98
Greenland-05	65.62	37.67	0.36	0.99
			0.21	1.00
Hawaii-10	22.07	-159.40	0.05	0.96
			0.06	0.98
Iceland-6	65.35	-20.88	0.30	0.99
			0.37	0.98
Ireland-9	53.90	-7.80	0.11	1.00
			0.08	0.99
Italy-1	39.67	16.15	0.22	0.98
Nigeria-15	5.30	6.63	0.00	1.00
			0.00	1.00
			0.00	0.99
			0.00	0.97
Nigeria-19	6.62	3.50	0.11	0.52
			0.00	0.74
Scotland	55.00	-3.10	0.17	0.95
South Africa-7	-29.78	30.68	0.00	0.97
			0.00	0.99
			0.00	0.95
Spain-7	38.98	-6.33	0.17	0.95
			0.11	0.90
Sweden-4	55.82	14.07	0.57	0.55
			0.45	0.75
Texel-1	53.07	4.73	0.09	0.99

Texel-2	53.07	4.73	0.07	1.00
Zaire-1	0.87	24.47	0.07	0.95
			0.00	0.94
			0.00	0.94
			0.00	0.85
			0.00	0.81
Zaire-2	0.77	24.43	0.00	0.99
			0.00	0.98

Distributions of isoprenoid and branched glycerol dialkanol diethers in Chinese surface soils and a loess–paleosol sequence

10GJ-1	34.35	109.53	0.35	0.44
10GJ-9	34.35	109.53	0.36	0.50
10GJ-16	34.35	109.53	0.29	0.58
10GJ-24	34.35	109.53	0.25	0.77
10GJ-31	34.35	109.53	0.26	0.75
10GJ-41	34.35	109.53	0.28	0.67
10GJ-48	34.35	109.53	0.26	0.75
10GJ-49	34.35	109.53	0.27	0.71
10GJ-57	34.35	109.53	0.27	0.78
10GJ-65	34.35	109.53	0.21	0.82
10 YG-1 F2	34.35	109.53	0.21	0.82
10 YG-5 F2	34.35	109.53	0.28	0.78
10 YG-9 F2	34.35	109.53	0.23	0.86
10 YG-13 F2	34.35	109.53	0.25	0.87
10 YG-17 F2	34.35	109.53	0.25	0.84
10 YG-25 F2	34.35	109.53	0.27	0.83
10 YG-29 F2	34.35	109.53	0.27	0.83
11 YG-33 F2	34.35	109.53	0.24	0.88
11 YG-37 F2	34.35	109.53	0.26	0.86
10 YG-41 F2	34.35	109.53	0.29	0.84
11 YG-45 F2	34.35	109.53	0.27	0.88
11 YG-49 F2	34.35	109.53	0.30	0.89
10 YG-53 F2	34.35	109.53	0.32	0.89
10 YG-57 F2	34.35	109.53	0.30	0.88
10 YG-61 F2	34.35	109.53	0.29	0.91
11 YG-65 F2	34.35	109.53	0.29	0.92
10 YG-69 F2	34.35	109.53	0.31	0.91
11 YG-73 F2	34.35	109.53	0.32	0.90
11 YG-77 F2	34.35	109.53	0.31	0.91
10 YG-81 F2	34.35	109.53	0.36	0.85
11 YG-85 F2	34.35	109.53	0.38	0.81
10 YG-89 F2	34.35	109.53	0.38	0.89
10 YG-97 F2	34.35	109.53	0.36	0.81
10 YG-101 F2	34.35	109.53	0.37	0.88
10 YG-105 F2	34.35	109.53	0.37	0.90
10 YG-113 F2	34.35	109.53	0.36	0.91
10 YG-117 F2	34.35	109.53	0.35	0.87
10 YG-129 F2	34.35	109.53	0.31	0.90
10 YG-141 F2	34.35	109.53	0.31	0.91
10 YG-145 F2	34.35	109.53	0.33	0.87
10 YG-153 F2	34.35	109.53	0.30	0.87
10 YG-157 F2	34.35	109.53	0.32	0.88
10 YG-165 F2	34.35	109.53	0.32	0.92
10 YG-177 F2	34.35	109.53	0.27	0.91

10 YG-181 F2	34.35	109.53	0.29	0.92
10 YG-197 F2	34.35	109.53	0.33	0.92
10 YG-201 F2	34.35	109.53	0.29	0.92
10 YG-205 F2	34.35	109.53	0.27	0.93
10 YG-213 F2	34.35	109.53	0.28	0.92
10 YG-221 F2	34.35	109.53	0.28	0.95
10 YG-225 F2	34.35	109.53	0.32	0.91
11 YG-233 F2	34.35	109.53	0.30	0.91
12 YG-237 F2	34.35	109.53	0.29	0.93
10 YG-245 F2	34.35	109.53	0.32	0.91
10 YG-249 F2	34.35	109.53	0.33	0.89
10 YG-261 F2	34.35	109.53	0.27	0.93
10 YG-265 F2	34.35	109.53	0.32	0.90

Global calibration of a novel, branched GDGT-based soil pH proxy http://dx.doi.org/10.1016/j.orggeochem.2015.10.005

xsc-150630	47.10	119.89	0.18	0.97
xsc-150631	34.16	95.90	0.89	0.91
xsc-150632	37.02	100.80	0.96	0.54
xsc-150633	36.69	101.30	0.99	0.64
xsc-150634	46.05	121.79	0.19	0.76
xsc-150635	29.25	91.68	0.42	0.67
xsc-150636	33.77	95.66	0.64	0.82
xsc-150637	35.55	102.03	0.72	0.63
xsc-150638	37.74	108.91	0.50	0.61
xsc-150639	39.87	111.18	0.37	0.85
xsc-150640	49.94	121.43	0.24	0.95
xsc-150641	53.29	122.15	0.26	1.00
xsc-150642	32.09	92.27	0.51	0.85
xsc-150643	40.45	113.19	0.40	0.63
xsc-150644	29.06	90.39	0.50	0.94
xsc-150645	39.33	111.19	0.39	0.62
xsc-150646	49.33	120.97	0.53	0.78
xsc-150647	29.33	88.98	0.54	0.70
xsc-150648	36.02	105.88	0.73	0.55
xsc-150649	35.78	104.05	0.82	0.71
xsc-150650	35.78	104.05	0.81	0.72
xsc-150651	29.29	91.15	0.55	0.65
xsc-150652	43.44	110.08	0.42	0.70
xsc-150653	44.61	120.97	0.30	0.61
xsc-150654	38.84	110.44	0.41	0.55
xsc-150655	35.27	100.64	0.85	0.75
xsc-150656	38.04	109.24	0.48	0.39

Distribution of branched glycerol dialkyl glycerol tetraethers in surface soils of the Qinghai–Tibetan Plateau: implications o

P756	35.35	100.93	0.85	0.73
P760	34.54	100.22	0.46	0.91
P765	33.03	96.92	0.63	0.85
P773	33.95	95.70	0.67	0.88
P775	34.10	96.20	0.77	0.85
P782	36.86	101.02	0.79	0.76
P787	37.28	98.39	0.85	0.72
P796	35.13	93.04	1.26	0.72
P801	33.73	92.10	1.19	0.48
P802	33.32	91.88	0.78	0.72

P804	32.19	91.68	0.96	0.86
P816	29.28	90.64	0.34	0.98
P817	29.19	90.62	0.23	0.98
P818	29.20	90.62	0.24	0.98
P819	29.21	90.64	0.25	0.95
P820	29.22	90.63	0.34	0.96
P821	29.23	90.63	0.32	0.78
P831	28.24	88.77	0.78	0.99
P833	28.26	87.79	0.58	0.93
P848	29.55	84.64	0.78	0.83
P851	29.44	85.67	0.75	0.81
P858	29.90	90.13	0.59	0.94
P859	29.89	90.12	0.35	0.98
P860	29.87	90.12	0.34	0.99
P861	29.84	90.06	0.33	0.97
P862	29.80	90.03	0.28	1.00
P863	29.71	89.96	0.38	0.94

Occurrence and distribution of extractable glycerol dialkyl glycerol tetraethers in podzols http://dx.doi.org/10.1016/j.orggeo

Litter	2.58	49.12	0.12	0.99
	2.58	49.12	0.09	0.97
0–15	2.58	49.12	0.06	1.00
	2.58	49.12	0.05	1.00
15–30	2.58	49.12	0.03	1.00
	2.58	49.12	0.00	1.00
70–80	2.58	49.12	0.04	1.00
	2.58	49.12	0.03	1.00
80–90	2.58	49.12	0.08	0.99
	2.58	49.12	0.08	0.99
I AE	-63.00	-2.00	0.00	1.00
	-63.00	-2.00		1.00
II A12	-63.00	-2.00	0.00	1.00
	-63.00	-2.00		1.00
II Bhs	-63.00	-2.00	0.00	1.00
	-63.00	-2.00	0.00	1.00
II Bh	-63.00	-2.00	0.00	1.00
	-63.00	-2.00	0.21	0.99
III A12	-63.00	-2.00	0.00	1.00
	-63.00	-2.00	0.00	1.00

Distributions of branched GDGTs in soils and lake sediments from western Uganda: Implications for a lacustrine paleother

1.00	30.01	0.33	0.05	0.98
2.00	30.00	0.33	0.05	0.97
3.00	29.99	0.33	0.05	0.99
4.00	29.98	0.33	0.05	1.00
8.00	29.97	0.33	0.08	0.99
7.00	29.96	0.33	0.11	0.96
9.00	29.95	0.33	0.20	0.97
5.00	29.94	0.33	0.10	0.97
6.00	29.93	0.33	0.13	0.94
10.00	29.92	0.33	0.43	0.96
11.00	29.91	0.33	0.42	0.95
12.00	29.90	0.33	0.71	0.98
14.00	29.89	0.33	0.82	0.99

15.00	29.88	0.33	0.54	0.91
16.00	29.87	0.33	0.64	0.98
24.00	29.86	0.33	0.66	0.96
35.00	29.65	0.40	0.34	0.96
37.00	29.65	0.39	0.33	0.99
38.00	29.65	0.38	0.53	0.98
25.00	29.65	0.37	0.67	0.99
23a	29.65	0.36	0.25	1.00
32.00	29.65	0.35	0.81	0.99
23(b)	29.65	0.34	0.77	1.00
21.00	29.65	0.33	0.60	0.95
30.00	29.65	0.32	0.44	0.93
29.00	29.65	0.31	0.95	0.95
17.00	29.65	0.30	1.23	0.92
22.00	29.65	0.29	0.73	0.95
18.00	29.65	0.28	0.52	0.95
28.00	29.65	0.27	0.60	0.94
19.00	29.65	0.26	0.42	0.98
68.00	30.33	0.50	0.15	0.70
50.00	30.33	0.50	0.19	0.62
45.00	30.33	0.50	0.20	0.70
42.00	30.33	0.50	0.22	0.63
43.00	30.33	0.50	0.22	0.61
48.00	30.33	0.50	0.13	0.77
49.00	30.33	0.50	0.15	0.89
44.00	30.33	0.50	0.16	0.85
47.00	30.33	0.50	0.19	0.75
57.00	30.33	0.50	0.26	0.71
59.00	30.33	0.50	0.22	0.81
56.00	30.33	0.50	0.23	0.76
60.00	30.33	0.50	0.36	0.72
61.00	30.20	0.45	0.35	0.75
62.00	30.20	0.45	0.28	0.79
41.00	30.20	0.45	0.07	0.95
67.00	30.15	0.40	0.17	0.89
65.00	30.15	0.40	0.24	0.79
55.00	30.15	0.40	0.28	0.73
54.00	30.15	0.40	0.31	0.93
53.00	30.15	0.40	0.28	0.75
52.00	30.25	0.66	0.29	0.84
51.00	30.25	0.66	0.33	0.80

Microbial glycerol dialkyl glycerol tetraethers from river water and soil near the Three Gorges Dam on the Yangtze River h

S-1	110.97	30.87	0.12	0.92
S-2	111.05	30.83	0.34	0.91
S-3	111.06	30.83	0.00	0.91

Core and intact polar glycerol dialkyl glycerol tetraethers (GDGTs) in Sand Pond, Warwick, Rhode Island (USA): Insights

SPS-1	41.73	-71.42	0.11	0.99
SPS-2	41.73	-71.42	0.08	0.98
SPS-3	41.73	-71.42	0.23	0.88
SPS-1	41.73	-71.42	0.11	0.96
SPS-2	41.73	-71.42	0.09	0.85
SPS-3	41.73	-71.42	0.22	0.75

Zeme	45.18	8.67	0.14	0.85
Cixi	30.22	121.35	0.23	0.63
Cixi	30.18	121.35	0.22	0.84
Cixi	30.10	121.50	0.19	0.81
Cixi	30.18	121.08	0.22	0.61
Cixi	30.17	121.13	0.13	0.82
Sukabumi	-6.87	106.93	0.01	0.91
Sukabumi	-6.87	106.93	0.01	0.91
Sukabumi	-6.87	106.93	0.01	0.94
Jasinga	-6.53	106.52	0.00	0.96
Jasinga	-6.53	106.52	0.00	0.97
Jasinga	-6.53	106.52	0.01	0.96
Ngawi	-7.43	111.60	0.00	0.89
Ngawi	-7.43	111.60	0.00	0.95
Ngawi	-7.43	111.60	0.00	0.93
Red Soil Station	28.23	116.88	0.03	0.91
Red Soil Station	28.23	116.88	0.02	0.92
Red Soil Station	28.23	116.88	0.03	0.91
Laguna Los Banos	14.23	121.34	0.00	0.97
Laguna Los Banos	14.12	121.41	0.00	0.95
Laguna Los Banos	14.21	121.34	0.00	0.99
Laguna Los Banos	14.14	121.40	0.01	0.95
Laguna Los Banos	14.19	121.37	0.01	0.96
Nueva Ecija	15.67	120.84	0.00	0.97
Nueva Ecija	15.60	120.91	0.01	0.87
Nueva Ecija	15.58	120.91	0.01	0.80
Nueva Ecija	15.62	120.95	0.01	0.92
Ifugao	16.91	121.07	0.01	0.98
Ifugao	16.91	121.13	0.01	0.99
Ifugao	16.86	121.10	0.01	1.00
Ifugao	16.86	121.10	0.01	0.98
Ifugao	16.91	121.06	0.02	0.97
Hai Duong	21.03	106.35	0.04	0.97
Hai Duong	21.03	106.35	0.05	0.91
Vinh Phúc	21.35	105.71	0.01	0.90
Vinh Phúc	21.37	105.72	0.00	0.99
Vinh Phúc	21.32	105.74	0.00	0.95
Cixi	30.35	121.20	0.34	0.79
Cixi	30.27	121.20	0.28	0.89
Cixi	30.32	121.20	0.41	0.75
Sumbermujer	8.13	113.00	0.00	0.99
Vinh Phúc	21.35	105.70	0.00	0.99
Lào Cai	22.30	103.89	0.01	0.99
Lào Cai	22.41	103.90	0.00	0.99
Lào Cai	22.40	103.84	0.00	0.99
Ifugao	16.86	121.10	0.01	0.98
Ifugao	16.91	121.07	0.01	0.99
Ifugao	16.93	121.05	0.02	0.99
Vinh Phúc	21.32	105.74	0.01	0.98
Lào Cai	22.30	103.91	0.01	0.99
Lào Cai	22.31	103.86	0.01	0.99
Cixi	30.18	121.35	0.32	0.95

Cixi	30.18	121.35	0.31	0.95
Cixi	30.18	121.35	0.28	0.96
Cixi	30.15	121.33	0.13	0.94
Cixi	30.15	121.33	0.21	0.94
Cixi	30.15	121.33	0.16	0.95
Cixi	30.10	121.50	0.14	0.97
Cixi	30.10	121.50	0.16	0.96
Cixi	30.10	121.50	0.14	0.96
Cixi	30.20	121.12	0.23	0.89
Cixi	30.20	121.12	0.27	0.90
Cixi	30.20	121.12	0.19	0.91
Cixi	30.17	121.15	0.25	0.94
Cixi	30.17	121.15	0.26	0.94
Cixi	30.17	121.15	0.23	0.93
Cixi	30.15	121.10	0.07	0.93
Cixi	30.15	121.10	0.08	0.93
Cixi	30.15	121.10	0.10	0.92
Cixi	30.08	121.43	0.12	0.98
Cixi	30.08	121.43	0.11	0.98
Cixi	30.08	121.43	0.12	0.98
Sukabumi	-6.87	106.93	0.02	0.97
Sukabumi	-6.87	106.93	0.03	0.96
Sukabumi	-6.87	106.93	0.02	0.97
Jasinga	-6.53	106.52	0.01	1.00
Jasinga	-6.53	106.52	0.00	1.00
Jasinga	-6.53	106.52	0.00	1.00
Jasinga	-6.53	106.52	0.00	1.00
Ngawi	-7.43	111.60	0.03	0.94
Ngawi	-7.43	111.60	0.02	0.96
Ngawi	-7.45	111.60	0.02	0.96
Red Soil Station	28.23	116.88	0.05	0.99
Red Soil Station	28.23	116.88	0.04	0.98
Red Soil Station	28.23	116.88	0.03	0.97
Red Soil Station	28.23	116.88	0.03	0.97
Red Soil Station	28.23	116.88	0.04	0.98
Padas village	-7.43	111.52	0.01	0.89
Sumbermujer	-8.13	113.02	0.03	0.97
Simo village	-7.48	111.60	0.02	0.86
Simo village	-7.12	111.60	0.04	0.85
Simo village	-7.12	111.60	0.06	0.86
Piladang	-0.25	100.58	0.03	0.99
Suntiang	-0.35	100.38	0.03	0.97
Suntiang	-0.35	100.38	0.02	0.96
Lukok	-0.37	100.40	0.02	0.95
Zeme	45.18	8.67	0.14	0.98
Vercelli	45.32	8.37	0.53	0.91
Vercelli	45.32	8.37	0.72	0.94
Vercelli	45.32	8.37	0.53	0.92
Vercelli	45.32	8.37	0.18	0.98
Hai Duong	10.43	106.05	0.01	0.99
Hai Duong	10.43	106.05	0.01	1.00
Hai Duong	10.38	106.05	0.01	0.97
Hai Duong	10.38	106.05	0.01	0.97
Laguna Los Banos	14.23	121.34	0.01	0.94

Laguna Los Banos	14.23	121.34	0.02	0.99
Laguna Los Banos	14.11	121.41	0.02	0.98
Laguna Los Banos	14.12	121.41	0.01	0.97
Laguna Los Banos	14.22	121.34	0.01	0.97
Laguna Los Banos	14.22	121.34	0.02	0.98
Laguna Los Banos	14.14	121.40	0.01	0.97
Laguna Los Banos	14.14	121.40	0.01	0.97
Laguna Los Banos	14.19	121.37	0.02	0.98
Laguna Los Banos	14.19	121.36	0.01	0.99
Nueva Ecija	15.67	120.84	0.02	0.99
Nueva Ecija	15.67	120.84	0.02	0.99
Nueva Ecija	15.67	120.88	0.01	0.98
Nueva Ecija	15.66	120.88	0.02	0.99
Nueva Ecija	15.67	120.92	0.02	0.99
Nueva Ecija	15.67	120.92	0.02	1.00
Nueva Ecija	15.60	120.91	0.01	0.87
Nueva Ecija	15.60	120.91	0.03	0.98
Nueva Ecija	15.61	120.95	0.02	0.98
Nueva Ecija	15.62	120.95	0.03	0.99
Ifugao	16.90	121.08	0.03	1.00
Ifugao	16.91	121.13	0.02	1.00
Ifugao	16.86	121.10	0.03	0.99
Ifugao	16.91	121.06	0.06	0.99
Ifugao	16.93	121.13	0.02	0.99
Ifugao	16.86	121.10	0.05	1.00
Ifugao	16.91	121.13	0.03	0.99
Ifugao	16.92	121.06	0.08	1.00
Ifugao	16.92	121.06	0.06	0.99
Ifugao	16.93	121.14	0.04	0.99
Hai Duong	21.03	106.35	0.05	0.99
Hai Duong	21.03	106.35	0.05	0.99
Hai Duong	20.99	106.41	0.05	0.99
Hai Duong	20.99	106.41	0.07	0.96
Hai Duong	20.96	106.44	0.04	0.99
Hai Duong	20.96	106.44	0.05	0.99
Hai Duong	20.95	106.36	0.08	0.99
Hai Duong	20.94	106.37	0.05	0.98
Vinh Phúc	21.35	105.71	0.03	0.98
Vinh Phúc	21.35	105.71	0.03	0.98
Vinh Phúc	21.37	105.72	0.02	0.96
Vinh Phúc	21.37	105.72	0.01	0.94
Vinh Phúc	21.32	105.74	0.02	0.98
Vinh Phúc	21.32	105.74	0.03	0.98
Vinh Phúc	21.31	105.74	0.04	0.98
Vinh Phúc	21.32	105.73	0.01	0.93
Lào Cai	22.41	103.90	0.02	0.97
Lào Cai	22.41	103.90	0.01	0.97
Lào Cai	22.30	103.91	0.05	0.98
Lào Cai	22.30	103.91	0.11	0.99
Lào Cai	22.30	103.89	0.05	0.99
Lào Cai	22.30	103.89	0.09	1.00
Lào Cai	22.31	103.86	0.08	0.99
Lào Cai	22.32	103.86	0.04	0.98
Lào Cai	22.39	103.84	0.03	0.99

Lào Cai	22.39	103.84	0.08	0.99
Tien Giang	10.44	106.06	0.01	0.99
Tien Giang	10.44	106.06	0.01	0.99
Tien Giang	10.40	106.10	0.01	0.99
Tien Giang	10.41	106.10	0.01	0.99
Tien Giang	10.37	106.13	0.01	0.99
Tien Giang	10.38	106.11	0.01	0.98
Tien Giang	10.38	106.11	0.02	0.97
Tien Giang	10.41	106.11	0.01	0.99
Tien Giang	10.41	106.11	0.01	0.99

Potential of GDGTs as a temperature proxy along an altitudinal transect at Mount Rungwe (Tanzania)

1.00	-9.40	33.91	0.16	0.85
2.00	-9.40	33.91	0.11	0.85
3.00	-9.41	33.92	0.00	0.92
4.00	-9.37	33.80	0.13	0.79
5.00	-9.36	33.80	0.13	0.76
6.00	-9.35	33.82	0.21	0.89
7.00	-9.33	33.76	0.10	0.99
8.00	-9.33	33.76	0.00	0.90
9.00	-9.33	33.81	0.13	0.85
10.00	-9.32	33.81	0.08	0.94
11.00	-9.30	33.81	0.06	0.97
12.00	-9.28	33.81	0.06	0.93
13.00	-9.26	3.82	0.11	0.92
14.00	-9.24	33.82	0.07	0.81
15.00	-9.36	33.82	0.11	0.94
16.00	-9.23	33.81	0.15	0.92
17.00	-9.02	33.57	0.18	0.94
18.00	-9.02	33.56	0.02	0.92
19.00	-9.07	33.41	0.12	0.93
20.00	-9.15	33.43	0.15	0.94
21.00	-9.14	33.47	0.14	1.00

Constraints on the application of the MBT/CBT palaeothermometer at high latitude environments (Svalbard, Norway) http:

NA1	78.92	11.93	0.89	1.00
NA2	78.92	11.92	0.25	0.98
NA3	78.92	11.92		
NA4	78.92	11.93		
MP1	79.18	11.17	0.24	0.96
MP2	79.18	11.18	0.83	0.79
MP3	79.20	11.27	0.23	0.98
MP4	79.20	11.30	0.62	0.95
MP5	79.20	11.32	0.79	0.90
MP6	79.20	11.32	0.86	0.86
LB1	78.20	15.60	0.25	0.99
LB2	78.20	15.62		

Seasonal variability in concentrations and fluxes of glycerol dialkyl glycerol tetraethers in Huguangyan Maar Lake, SE Chi

S1	21.14	110.27	0.11	0.99
S2	21.14	110.27	0.05	0.97
S3	21.14	110.27	0.05	1.00
S4	21.14	110.28	0.09	0.89
S5	21.14	110.28	0.06	0.90

S6-1	21.14	110.29	0.06	0.93
S6-2	21.14	110.29	0.05	0.94
S6-3	21.14	110.29	0.04	0.93
S6-4	21.14	110.29	0.07	0.84
S7	21.14	110.29	0.11	0.94
S8	21.15	110.29	0.13	0.94
S9	21.15	110.29	0.04	0.98
S10	21.15	110.28	0.05	0.95
S11	21.15	110.28	0.10	0.81
S12	21.15	110.27	0.09	0.87
S13	21.15	110.29	0.02	0.95
Spatial distributions of core and intact glycerol dialkyl glycerol tetraethers (GDGTs) in the Columbia River basin, Washing				
Hood River A	45.70	-121.50	0.37	0.96
Hood River AB	45.70	-121.50	0.33	0.96
Mt Hood A	45.33	-121.66	0.44	0.97
Twisp surface	48.32	-120.30	0.60	0.76
Young River A	46.07	-123.79	0.21	0.95

tructions in semi-arid and arid regions http://dx.doi.org/10.1016/j.gca.2013.10.041

Γ index http://dx.doi.org/10.1016/j.orggeochem.2006.07.018

:: Implications for the degradation of tetraether lipids http://dx.doi.org/10.1016/j.orggeochem.2013.11.003

ɔf brGDGTs-based proxies in cold and dry regions ochem.2009.10.007

mometer

ıttp://dx.doi.org/10.1016/j.orggeochem.2012.11.014

into the origin of lacustrine GDGTs http://dx.doi.org/10.1016/j.gca.2011.10.018

//dx.doi.org/10.1016/j.orggeochem.2009.03.004

na: Implications for the applicability of the MBT–CBT paleotemperature proxy in lacustrine settings

;ton: Insights into origin and implications for the BIT index