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Supplement of

Sedimentological processes and environmental variability at Lake Ohrid (Macedonia, Albania) between 637 ka and the present

Alexander Francke et al.

Correspondence to: Alexander Francke (alexander.francke@uni-koeln.de)

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Supplement 1: Age control points

Age control point	Age (ka)	Error (kyrs)	Depth (mcd)
Mercato tephra	8.53	0.1	2.775
2 nd order tie point	16.87696	2	6.874
Y3 tephra	29.05	0.37	11.507
2 nd order tie point	39.46067	2	16.913
Y5 tephra	39.6	0.1	16.933
2 nd order tie point	64.21678	2	26.438
2 nd order tie point	88.89367	2	35.999
POP2 tephra	102	2.4	40.486
X6 tephra	109	2	43.513
2 nd order tie point	109.56879	2	43.514
2 nd order tie point	133.34121	2	49.71
P11 tephra	133.5	2	49.947
2 nd order tie point	156.08714	2	58.572
VicoB tephra	162	6	61.726
2 nd order tie point	169.01784	2	66.842
2 nd order tie point	180.84038	2	75.546
2 nd order tie point	203.47687	2	89.392
2 nd order tie point	225.48807	2	98.104
2 nd order tie point	248.11056	2	106.993
2 nd order tie point	271.51376	2	118.671
2 nd order tie point	296.83613	2	128.356
2 nd order tie point	317.81131	2	140.311
2 nd order tie point	340.11011	2	148.359
2 nd order tie point	358.83985	2	153.597
2 nd order tie point	376.51421	2	158.341
2 nd order tie point	391.30711	2	161.86
2 nd order tie point	414.3426	2	170.517
2 nd order tie point	430.12979	2	177.076
2 nd order tie point	449.15734	2	180.25
Pozzolane Rosse tephra	457	2	181.769
2 nd order tie point	468.78704	2	186.346
2 nd order tie point	490.31051	2	193.71
SC5 tephra	493.1	10.9	195.566
2 nd order tie point	510.82531	2	200.438
A11/A12 tephra	511	6	201.782
Tufo di Bagni Albule tephra	527	2	206.08
2 nd order tie point	538.1006	2	209.39
2 nd order tie point	560.55239	2	216.59
2 nd order tie point	583.782	2	226.03
2 nd order tie point	604.74928	2	234.743
2 nd order tie point	626.92268	2	244.27
2 nd order tie point	653.82145	2	253.589

Supplement 2: Core-log integration

Core Sequence (mcd)	Downhole Logging (mblf)	Offset Core (m)	Age (ka)
22.31	24.37	-2.06	49.1
27.47	30.17	-2.70	62.2
31.73	36.41	-4.68	78.3
35.72	40.1	-4.38	87.2
43.45	48.4	-4.95	108.9
50.12	55.11	-4.99	128.9
54.56	59.19	-4.63	140.2
61.76	66.73	-4.97	156.7
68.55	74.61	-6.06	170.5
81.12	85.09	-3.97	185.2
91.68	97	-5.32	205.5
98.13	103.4	-5.27	223.4
101.3	106.48	-5.18	230.2
106.46	112.1	-5.64	246.1
116.84	121.75	-4.91	271.0
128.78	132.92	-4.14	294.3
140.3	144	-3.70	317.0
147.62	150.65	-3.03	341.9
150.56	153.76	-3.20	350.4
158.39	161.52	-3.13	373.9
165.29	167.8	-2.51	391.6
167.09	170.04	-2.95	398.5
181.57	183.28	-1.71	456.3
202.51	203.05	-0.54	513.1
205.45	206.7	-1.25	526.6
207.58	209.09	-1.51	536.3
212.56	212.89	-0.33	548.5
215.73	215.53	0.20	556.6
219.4	219.2	0.20	568.3
226.61	225.44	1.17	584.8
242.29	241	1.29	630.0

Supplement 3: Composite field depths of line-scan images shown in Fig.3

Image	Core	Section depth top (cm)	Composite depth (mcd)
A	1D-48H-2	41	118.13
B	1D-32H-2	26	72.77
C	1B-61H-1	73	146.91
D	1C-41H-3	79	109.28
E	1D-58H-2	47	145.27
F	1D-39H-1	33	92.07
G	1D-56H-2	46	139.94
H	1D-18H-3	72	40.36
I	1D-40H-2	56	95.52
J	1C-48H-2	4	126.50
K	1C-83A-3	24	213.29
L	1C-39H-3	21	103.64
M	1F-4H-3	7	7.78
N	1C-68H-2	57	175.65
O	1D-24H-2	30	53.90
P	1F-6H-2	10	11.38