TABLE DR1. RADIOCARBON AGE DATA FOR LAKE VICTORIA CORES V95-2P AND V96-7P. CALENDAR AGES DETERMINED USING CALIB 4.3 (STUIVER ET AL., 1998A AND B)

Core section, depth	Absolute depth (cm)	Radiocarbon age (14C yr B.P.)	Calendar Age (yrs B.P.)	Material
Core V96-7P				
I, 5 cm	5	3730 ± 100	4088	pollen
II, 64 cm	115	6730 ± 65	7585	pollen
III, 72 cm	225	9840 ± 80	11225	pollen
IV, 4 cm	259	11250 ± 130	13166	pollen
IV, 74 cm	329	12100 ± 130	14099	pollen
V, 62.5 cm	420	13200 ± 70	15866	charcoal
Core V95-2P				
I, 19 cm	19	1450 ± 61	1320	pollen
II, 48 cm	141	3050 ± 51	3290	pollen
III, 25 cm	217	4110 ± 61	4670	pollen
IV, 49 cm	330	6290 ± 61	7250	pollen
V, 60 cm	438	9260 ± 60	10450	pollen
V, 88 cm	466	8180 ± 51	9150	pollen
VI, 11 cm	487	10540 ± 61	12610	pollen
VI, 30 cm	508	11140 ± 61	13140	pollen
VII, 39 cm	618	12910 ± 71	15540	pollen
VIII, 8 cm	687	12400 ± 71	14340	charcoal
VIII, 30 cm	709	13240 ± 82	15913	charcoal

TABLE DR2. RAW SEDIMENT CELLULOSE $\delta^{18}O$ DATA WITH REFERENCE TO THE VSMOW (VIENNA STANDARD MEAN OCEAN WATER) STANDARD FOR OXYGEN NORMALIZED TO d18OSLAP = –55.5‰ (COPLEN, 1996) FOR BOTH BULK-CELLULOSE AND DENSITY-SEPARATED CELLULOSE EXTRACTS (SEE TEXT) FOR CORE V96-7P, LAKE VICTORIA, EAST AFRICA. UM-IL = UNIVERSITY OF MINNESOTA ISOTOPE LABORATORY, UW-EIL = UNIVERSITY OF WATERLOO, ENVIRONMENTAL ISOTOPE LABORATORY.

Sample Type, Location	Core section, Depth	Absolute Depth (cm)	Calendar Age (yr B.P.)	Sediment Cellulose $\delta^{18}O$ (VSMOW) (‰)
Bulk, UW-EIL				
	I, 11 cm	11	4279	22.7
	II, 9.5 cm	60.5	5852	19.9
	II, 60.5 cm	111.5	7474	21.4
	III, 3.5	156.6	8962	20.4
	III, 48.5	201.6	10451	17.5
	III, 82	235.1	11830	19.5
	IV, 62.5	318.1	13953	25.7
	IV, 85.5	341.1	14334	26.2
Bulk – UM-IL				
	I, 26 cm	26	4724	32.7
	II, 26 cm	77	6377	31.2
	II, 76 cm	127	7982	29.1
	III, 9 cm	162.1	9140	28.5
	III, 53 cm	206.1	10596	28.8
	III, 97 cm	250.1	12652	30.8
	IV, 5 cm	260.6	13186	34.5
	IV, 23 cm	278.6	13413	34.1
	IV, 37 cm	292.6	13606	34.6
	IV, 83 cm	338.6	14274	32.9
Density-separated, UW-EIL				
	I, 11 cm	11	4279	15.1
	I, 26 cm	26	4756	15.2
	I, 41.5 cm	41.5	5248	14
	II, 26 cm	77	6377	10.1
	II, 48 cm	99	7076	22.2
	II, 76 cm	127	7982	12.2
	II, 83 cm	134	8214	12.6
	II, 97 cm	148	8677	16.7
	III, 9 cm	162	9140	8
	III, 31 cm	184	9868	8.2
	III, 66.5 cm	219.5	11043	8.7
	III, 96 cm	246	12424	21.5
	IV, 6 cm	262	13206	25.4
	IV, 17.5 cm	273.5	13359	26.3
	IV, 21.5 cm	277.5	13412	23.2
	IV, 34 cm	290	13579	23.4
	IV, 42 cm	298	13685	30.4
	V, 8 cm	367	14837	23.9

TABLE DR3. OSTRACOD $\delta^{18}O$ DATA FROM CORE V95-2P, LAKE VICTORIA, EAST AFRICA.

Core	Core section, depth	Absolute depth (cm)	Substrate	$\delta^{18}O$ (‰, VPDB)
V95-2P	VII, 78 cm	657	ostracod mix	3.98
V95-2P	VII, 78 cm	657	ostracod mix	4.02
V95-2P	VII, 78 cm	657	ostracod mix	3.81
V95-2P	VII, 79 cm	658	ostracod mix	4.74

Note: All samples date at ca. 15,600 yr B.P. (13,000 ^{14}C yr B.P.).