

## Appendix 5 – Radiocarbon dates

Unless otherwise stated, the calibrated date ranges for the radiocarbon dates presented in the text have been calculated by the maximum intercept method (Stuiver and Reimer 1986), using the program OxCal v4.1 (Bronk Ramsey 1995; 1998;

2001; 2009) and the IntCal09 data set (Reimer *et al.* 2009). Unless otherwise stated, they are quoted at the 95% confidence interval in the form recommended by Mook (1986) with the endpoints rounded to 10 years.

### Eton Rowing Course Dates

Laboratory Number	Area	Context	SF_ No.	Sample No.	Material and context	Radiocarbon Age (BP)	$\delta^{13}\text{C}$ (‰)	Weighted Mean	Calibrated date range (95% confidence)
OxA-10228	11	10700			Charcoal. From burnt flint spread	3666±40	-27.9		2200-1930 cal BC
OxA-9408	A3	3221			Seeds. Unidentified. Waterlogged	3829±38	-27.1		2470-2140 cal BC
OxA-9409	5	3884			Seeds. Unidentified. Waterlogged	3856±37	-26.5		2470-2200 cal BC
OxA-10227	WB97	12177			Charcoal, from burnt flint spread	3920±40	-27.7		2570-2280 cal BC
OxA-9414	WB97	12177			Charcoal. From burnt flint spread	4004±38	-27.2		2620-2460 cal BC
OxA-9926	6	11172		2302	Charcoal; twig, <i>Fagus sylvatica</i> (M Robinson). From midden deposit [11172] located on land surface [11201]	4075±65	-25.4		2880-2460 cal BC
BM-3125	WB97	12116			Wood, logjam <i>Ulmus</i> sp. sapwood	4090±50	-28.1		2880-2480 cal BC
OxA-14090		16025			Animal bone, pig pelvis	4131±32	-21.0		2880-2570 cal BC
OxA-X-2101-08		16025			Animal bone, pig pelvis	4135±29	-20.8		2880-2580 cal BC
OxA-13597		13651			Charcoal, <i>Corylus avellana</i>	4150±28	-23.3		2880-2620 cal BC
OxA-8817				81318	Human bone, skeleton	4155±45	-21.3		2890-2570 cal BC
OxA-10226		12812			Charcoal, from burnt flint spread	4190±45	-24.1		2900-2620 cal BC
CAMS-57209	A3	3331			Seeds. Unidentified. Waterlogged	4200±40	-28.7		2900-2630 cal BC
CAMS-54441	15	4822			Seeds and charcoal. Unidentified Waterlogged	4260±40	-27.0		2920-2760 cal BC
OxA-9413	16	12812			Charcoal. From burnt flint spread	4282±39	-24.1		2930-2870 cal BC
BM-3170		5856			Human bone, infant humora	4400±50	-23.2		3330-2900 cal BC
OxA-8821	WB96	7004		45025	Human bone, skull	4410±45	-21.2		3330-2900 cal BC
CAMS-54442	A3	3332			Seeds. Unidentified. Waterlogged	4410±50	-28.1		3340-2900 cal BC
OxA-8752	WB96	7005		45000	Animal bone, antler	4425±40	-21.4		3330-2910 cal BC
CAMS-54443	A3	3332			Seeds. Unidentified. Waterlogged	4480±50	-28.3		3370-2930 cal BC
OxA-8815	WB96	7005		45001	Animal bone, cattle skull	4500±50	-22.7		3370-3020 cal BC
BM-3173					Human bone, adult right femur and left humerus	4500±60	-21.3		3370-2930 cal BC
OxA-X-1028-12	6	11344		83461	Charred organic residue on interior of potsherd (A Barclay). From [11344] the primary fill of tree-throw hole [11345]	4580±65	-29.5	4598±42 BP (T' = 0.1; ??=1; T'(5%)=3.8)	3500-3120 cal BC
OxA-X-1045-9	6	11344		83461	Repeat of OxA-X-1028-12	4610±55	-31.2		
OxA-9672	10	6621		41577	Charred organic residue on interior of potsherd (A Barclay). From a layer of greyish brown sandy silt [6331] which filled the top of an early Holocene channel crossing the flint gravel terrace	4520±120	-27.8		3630-2890 cal BC
BM-3188	10	6915			From a semi-articulated skeleton found in [6331], a layer containing material	4530±50	-19.9		3490-3020 cal BC
OxA-10206	10	6880		40929	Charred organic residue on interior of potsherd (A Barclay). From a discrete flint scatter [6880] lying in a shallow	4565±60	-26.9		3510-3090 cal BC

Opening the Wood, Making the Land

Eton Rowing Course Dates (continued)

Laboratory Number	Area	Context	SF_ No.	Sample No.	Material and context	Radiocarbon Age (BP)	$\delta^{13}\text{C}$ (‰)	Weighted Mean	Calibrated date range (95% confidence)
OxA-9671	10	6566	32522		hollow to the north of an early Holocene channel crossing the flint gravel terrace Charred organic residue on interior of potsherd (A Barclay). From a layer of greyish brown sandy silt [6331] which filled the top of an early Holocene channel crossing the flint gravel terrace	4590±150	-32.0		3660-2900 cal BC
OxA-9525	5	3839			Seeds. Unidentified. Waterlogged.	4641±38	-25.2		3620-3350 cal BC
OxA-9850	6	11320	84566		Charred organic residue on interior of body sherd – fabric AF3 (A Barclay). From [11320] the upper fill of tree-throw hole [11352]	4645±55	-28.1		3630-3340 cal BC
BM-3185	Ex1	718			Wood, beavered, <i>Corylus avellana</i> , branchwood, < 10 rings	4700±50	-27.4		3640-3360 cal BC
OxA-12238	6	11160	77496		Bone; cattle pelvis (G Jones). From [11160] a distinctive midden deposit, situated on land surface [11201]	4701±34	-21.3		3640-3370 cal BC
CAMS-57207	15	4826			Seeds. Waterlogged.	4730±40	-27.9		3640-3370 cal BC
BM-3177	Ex3	10190	62341		Animal bone, cattle skeleton.	4750±50	-23.8		3650-3370 cal BC
OxA-9851	6	11313	84429		Charred organic residue on interior of body sherd – fabric AF3 (A Barclay). From [11313] the upper fill in tree-throw hole [11352]. [11313] appears to be a dense, finds rich midden deposit	4760±50	-27.3		3650-3370 cal BC
OxA-8820	5	3839	46603		Human bone, skull.	4795±50	-21.1		3660-3380 cal BC
CAMS-57208	A3	3333			Seeds. Unidentified. Waterlogged.	4800±40	-27.7		3660-3510 cal BC
OxA-9859	6	11187			Carbonised grain; emmer (M Robinson). From the upper fill in tree-throw hole [11190]	4895±50	-26.1		3780-3540 cal BC
OxA-9891	6	11159	2307		Carbonised grain; emmer (M Robinson). From [11159] part of general land surface deposit [11201]	4910±40	-24.6		3780-3630 cal BC
GrA-22560	6	11160	23932		Bone; cattle phalanx I (G Jones). From [11160] a distinctive midden deposit located on land surface 11201	4910±45	-22.6		3790-3630 cal BC
OxA-10660	6	11344	82594		Repeat of OxA-9925	4915±55	-30.5		3800-3630 cal BC
OxA-9924	6	11194	82319		Charred organic residue on interior of neck sherd – fabric AF3 (A Barclay). From [11194] the upper fill of tree-throw hole [11345]. The deposit resembled a midden deposit	4920±65	-25.5		3930-3530 cal BC
OxA-9819	6	11172			Carbonised grain; emmer (M Robinson). From midden deposit [11172] on land surface [11201]	4925±40	-25.9		3790-3640 cal BC
OxA-9889	6	11160	2306		Carbonised grain; emmer (M Robinson). From a distinctive ‘midden’ deposit [11160] on a preserved land surface [11201]	4935±40	-24.5		3800-3640 cal BC
GrA-22561	6	11176	82706		Bone; cattle mandible (G Jones). From [11176], the upper fill of a tree-throw hole, which resembles a midden deposit	4970±45	-22.4		3940-3650 cal BC
OxA-9858			77496		Cattle bone; midden 5986=11160=11364 (group no. 11426) stretching across square 11224	4970±45	-20.0		3940-3650 cal BC
OxA-9890	6	11194	2317		Charcoal; hazel nutshell (M Robinson). From [11194] the upper fill of tree-throw	4995±40	-25.6		3950-3660 cal BC

Appendix 5

Eton Rowing Course Dates (continued)

Laboratory Number	Area	Context	SF_ No.	Sample No.	Material and context	Radiocarbon Age (BP)	$\delta^{13}C$ (‰)	Weighted Mean	Calibrated date range (95% confidence)
OxA-9852	6	8194	50842		hole [11345]. The fill resembled a midden deposit. Charred organic residue on interior of carinated bowl – shoulder sherd, fabric FA3 (A Barclay). From [8194] a 2m <sup>2</sup> area of land surface [11201]	5110±90	-26.4		4230-3700 cal BC
OxA-9925	6	11344	82594		Charred organic residue on interior of body sherd – fabric AF3 (A Barclay). From [11344] the lower fill of tree-throw hole [11345]	5240±85	-28.6		4330-3810 cal BC
OxA-9670			77496		Cattle bone; midden 5986=11160=11364 (group no. 11426) stretching across square 11224	5295±70	-21.8		4330-3960 cal BC
OxA-9412	EV	4611			Alnus sp. seeds. Waterlogged.	6130±45	-24.0		5220-4940 cal BC
CAMS-57206	15	4827			Poplar buds and creeping watercup seeds. Waterlogged	8610±50	-27.6		7740-7570 cal BC
CAMS-54440	15	4820			Seeds. Unidentified. Waterlogged	9070±40	-27.3		8310-8240 cal BC
OxA-9411	EV	16740			Schoenoplectus seeds. Waterlogged	9560±55	-24.8		9220-8740 cal BC
OxA-14088		1664			Animal bone, Aurochs sacrum	9540±45	-22.2		9160-8740 cal BC

Jubilee River Dates

Laboratory Number	Site	Sample ID	Context/Sample ID	Material	Radiocarbon Age (BP)	$\delta^{13}C$ (‰)	Calibrated date range (95% confidence)
AA-42149 (GU-9276)	Taplow Mill Site 1	TAPMI96/5	Pit 110004, fill 110003	Hazel nutshell	4455±45	-23.8	3350-2920 cal BC
AA-44397 (GU-9484)	Lot's Hole 3	Dorney Reach 2, Trench 66, Area E	Series 1, 0.4m	Bulk sediment, humic acid fraction	3230±60	-28.7	1640-1400 cal BC
AA-44398 (GU-9485)	Lot's Hole 3	Dorney Reach 2, Trench 66, Area E	Series 1, 0.7m	Bulk sediment, humic acid fraction	6155±60	-28.8	5300-4940 cal BC
AA-44399 (GU-9486)	Lot's Hole 3	Dorney Reach 2, Trench 66, Area E	Series 1, 1.1m	Bulk sediment, humic acid fraction	9305±70	-28.2	8750-8310 cal BC
AA-44400 (GU-9487)	Lot's Hole 3	Dorney Reach 2, Trench 66, Area E	Series 1, 1.3m	Bulk sediment, humic acid fraction	9570±70	-30.7	9340-8320 cal BC
AA-44401 (GU-9488)	Lot's Hole 3	Dorney Reach 2, Trench 66, Area E	Series 1, 2.0m	Bulk sediment, humic acid fraction	10,490±75	-27.2	10670-10150 cal BC
AA-44402 (GU-9489)	Lot's Hole 3	Dorney Reach 2, Trench 66, Area E	Series 2, 0.8m	Bulk sediment, humic acid fraction	4075±50	-21.0	2870-2470 cal BC
GU-9483	Lot's Hole	50190/5	Pit 50189, fill 50190	Hazel nutshell	4780±50	-24.8	3660-3370 cal BC
GU-9282	Lake End Road West	LERW97/531	Pit 40528, fill 40531	Hazel nutshell	4425±45	-23.2	3340-2910 cal BC
GU-9284	Lake Ed Road West	LERW97/1066	Pit 41050, fill 41066	Hazel nutshell	4410±45	-23.2	3330-2910 cal BC