

Table 15: Cossington radiocarbon results.

Laboratory Code	Sample	Context	Material and ID	Radiocarbon Age BP	$\delta^{13}\text{C}$ (‰)	Weighted mean	Calibrated date range (95% confidence)	Posterior density estimate (95% probability)
OxA-16155	Coss-Site1/F24	F24: urned cremation.	Cremated human bone, humerus/femur (H. Jacklin)	3352 ±33	-24.7		1740–1520 cal BC	1740–1530 cal BC
OxA-16156	Coss-Site1/F25	F25: northernmost cremation in the group. Possibly a badly disturbed urned cremation.	Cremated human bone, poss. cranial bone (H. Jacklin)	3317 ±33	-26.9		1690–1500 cal BC	1690–1520 cal BC
OxA-16157	Coss-Site1/F9	F9: cremation in a disturbed inverted urn.	Cremated human bone, poss. tibia or ulna/radius (H. Jacklin)	3359 ±34	-22.6	3332 ±24 (T [*] =1.3; v=1; T [*] (5%)=3.8)	1690–1525 cal BC	1690–1535 cal BC
OxA-16158		Replicate of OxA-16157		3306 ±33	-22.8			
SUERC-11272	Coss-Site1/F1	F1: urned cremation in a small pit, cutting the phase 1 ring ditch.	Cremated human bone, poss. occipital bone (H. Jacklin)	4285 ±35	-24.7		2930–2870 cal BC	
SUERC-11273	Coss-Site1/F6	F6: cremation in inverted urn, placed in a shallow pit.	Cremated human bone, poss. fibula (H. Jacklin)	3340 ±35	-23.3		1740–1520 cal BC	1740–1530 cal BC
SUERC-11274	Coss-Site1/F20	F20: part of cremation group to south-east of ring ditch. Probably a disturbed urned cremation.	Cremated human bone, poss. tibia (H. Jacklin)	3525 ±35	-28.2		1950–1740 cal BC	1910–1690 cal BC
SUERC-11275	Coss-Site1/F22	F22: the southernmost cremation in the group. A possible disturbed urned cremation.	Cremated human bone, poss. proximal radius (H. Jacklin)	3360 ±35	-21.4		1750–1530 cal BC	1750–1540 cal BC
HAR-4897	Coss-Site1/F1CL	Occupation deposit from Barrow 1.	Charcoal, unidentified	3460 ±60	-25.9		1940–1620 cal BC	1880–1620 cal BC
SUERC-11276	Coss-Site2/F14	F14: cremation located 6m north of the Site 2 inhumation, in association with a small Collared Urn.	Cremated human bone, poss. tibia (H. Jacklin)	3430 ±35	-23.8		1880–1630 cal BC	
SUERC-11277	Coss-Site2/F17	F17: cremated bone packed into a possible ‘cist’, 4m south of the Site 2 inhumation	Cremated human bone, poss. humerus/radius (H. Jacklin)	3660 ±35	-22.7		2140–1930 cal BC	
HAR-4898	Coss-Site2/F14BN	Satellite cremation in Barrow 2, associated with a Collared Urn.	Charcoal, remaining frags of subsample mostly too small to identify: <i>Quercus</i> sp., sapwood and heartwood, Salicaceae and <i>cf. Acer</i> sp. (R. Gale)	3390 ±90	-25.7		1930–1460 cal BC	

Laboratory Code	Sample	Context	Material and ID	Radiocarbon Age BP	$\delta^{13}\text{C}$ (‰)	Weighted mean	Calibrated date range (95% confidence)	Posterior density estimate (95% probability)
OxA-16055	Coss-Site3/ CoreD1; Sample 1a	Organic levels approx. 23–25cm from top of column through palaeochannel deposits.	Terrestrial plant macrofossils (J. Greig)	4693 \pm 32	-27.6		3630–3360 cal BC	
OxA-16056	Coss-Site3/ CoreD1; Sample 1b	As OxA-16055		3863 \pm 32	-27.4		2470–2200 cal BC	2400–2200 cal BC
OxA-16057	Coss-Site3/ CoreD1; Sample 2	Organic levels approx. 23–25cm from top of column through palaeochannel deposits.	Terrestrial plant macrofossils (J. Greig)	3813 \pm 30	-26.6		2400–2140 cal BC	2350–2140 cal BC
OxA-16058	Coss-Site3/ CoreD2; Sample 1	Organic levels approx. 86–88cm from top of column through palaeochannel deposits.	Terrestrial plant macrofossils (J. Greig)	3882 \pm 30	-26.0		2470–2210 cal BC	2470–2300 cal BC
OxA-16059	Coss-Site3/ CoreD2; Sample 2	Organic levels approx. 86–88cm from top of column through palaeochannel deposits.	Terrestrial plant macrofossils (J. Greig)	3877 \pm 29	-25.6		2470–2200 cal BC	2470–2300 cal BC
OxA-16032	Coss-Site4/ 163c(1)	Group of animal remains from base of palaeochannel (Area D).	Animal bone, domestic cattle, left humerus (J. Browning)	4029 \pm 37	-21.9	4038 \pm 25 ($T^*=0.1$; $v=1$; $T^*(5\%)=3.8$)	2830–2470 cal BC	
SUERC-11282	Coss-Site4/ 163c(2)	Group of animal remains from base of palaeochannel (Area D).	Animal bone, domestic cattle, left humerus (J. Browning)	4045 \pm 35	-22.6			
OxA-16053	Coss-Site4/ 163b(1)	Group of animal remains from base of palaeochannel (Area D).	Animal bone, red deer antler (J. Browning)	4519 \pm 32	-22.8		3370–3090 cal BC	
SUERC-11278	Coss-Site4/ 163b(2)	Group of animal remains from base of palaeochannel (Area D).	Animal bone, red deer antler (J. Browning)	4395 \pm 35	-22.6		3270–2910 cal BC	
OxA-16054	Coss-Site4/ 163d	Group of animal remains from base of palaeochannel (Area D).	Animal bone, aurochs, rib (left side) (J. Browning)	3931 \pm 31	-23.6		2550–2300 cal BC	
OxA-16060	Coss-Site5/637	Charcoal-rich patch in upper backfill of Barrow 3 ring ditch	Charcoal, oak, 30mm, 15 years (G. Morgan)	3477 \pm 32	-25.8	3511 \pm 22 ($T^*=2.1$; $v=1$; $T^*(5\%)=3.8$)	1910–1750 cal BC	
OxA-16061		Replicate of OxA-16060		3539 \pm 29	-25.9			
SUERC-11283	Coss-Site5/675	Charcoal-rich patch in upper backfill of Barrow 3 ring ditch	Charcoal, blackthorn, 15mm, 4 years (G. Morgan)	3295 \pm 35	-26.6		1690–1490 cal BC	