Scottish Universities Environmental Research Centre

Rankine Avenue, Scottish Enterprise Technology Park, East Kilbride, Glasgow G75 0QF, Scotland, UK
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RADIOCARBON DATING CERTIFICATE

16 September 2015

Laboratory Code	SUERC-62301 (GU38360)
Submitter	Sarah Cobain Cotswold Archaeology Building 11 Kemble Enterprise Park Cirencester GL7 6BL
Site Reference	Cloakham Lawn, Axminster
Context Reference	10312
Sample Reference	CLAD1410312
Material	Charred seed : Corylus avellana (Hazelnut shell)
$\delta^{13}C$ relative to VPDB	-24.1 ‰
Radiocarbon Age BP	4799 ± 30

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

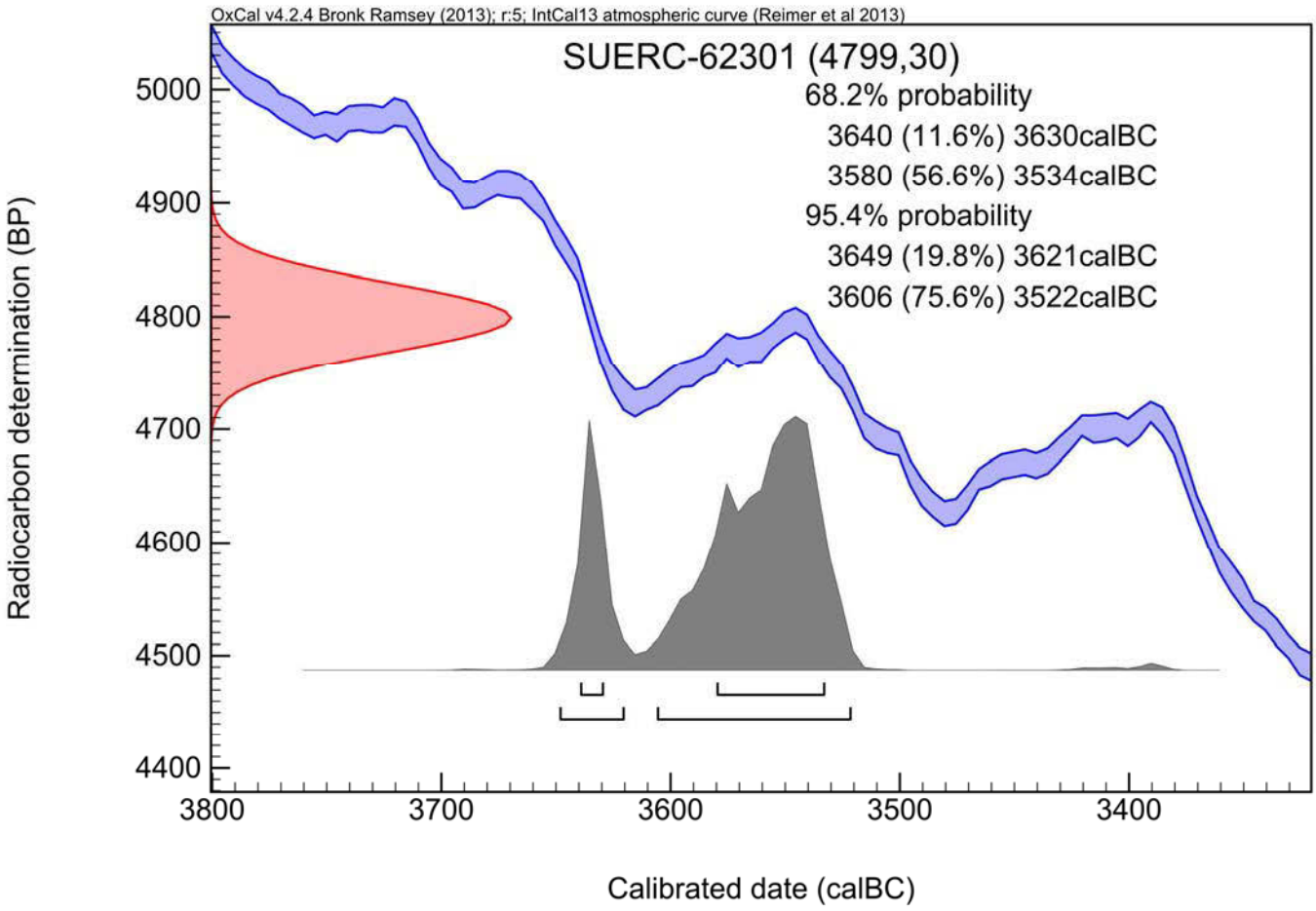
The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email Gordon.Cook@glasgow.ac.uk or telephone 01355 270136 direct line.

Conventional age and calibration age ranges calculated by :- E. Dunbar Date :- 16/09/2015

Checked and signed off by :- P. Naysmith Date :- 16/09/2015

Calibration Plot



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RADIOCARBON DATING CERTIFICATE

16 September 2015

Laboratory Code	SUERC-62302 (GU38361)
Submitter	Sarah Cobain Cotswold Archaeology Building 11 Kemble Enterprise Park Cirencester GL7 6BL
Site Reference	Cloakham Lawn, Axminster
Context Reference	10317
Sample Reference	CLAD1410317
Material	Charcoal : Crataegus monogyna/Sorbus/Malus sylvestris…
$\delta^{13}C$ relative to VPDB	-26.0 ‰
Radiocarbon Age BP	4835 ± 30

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

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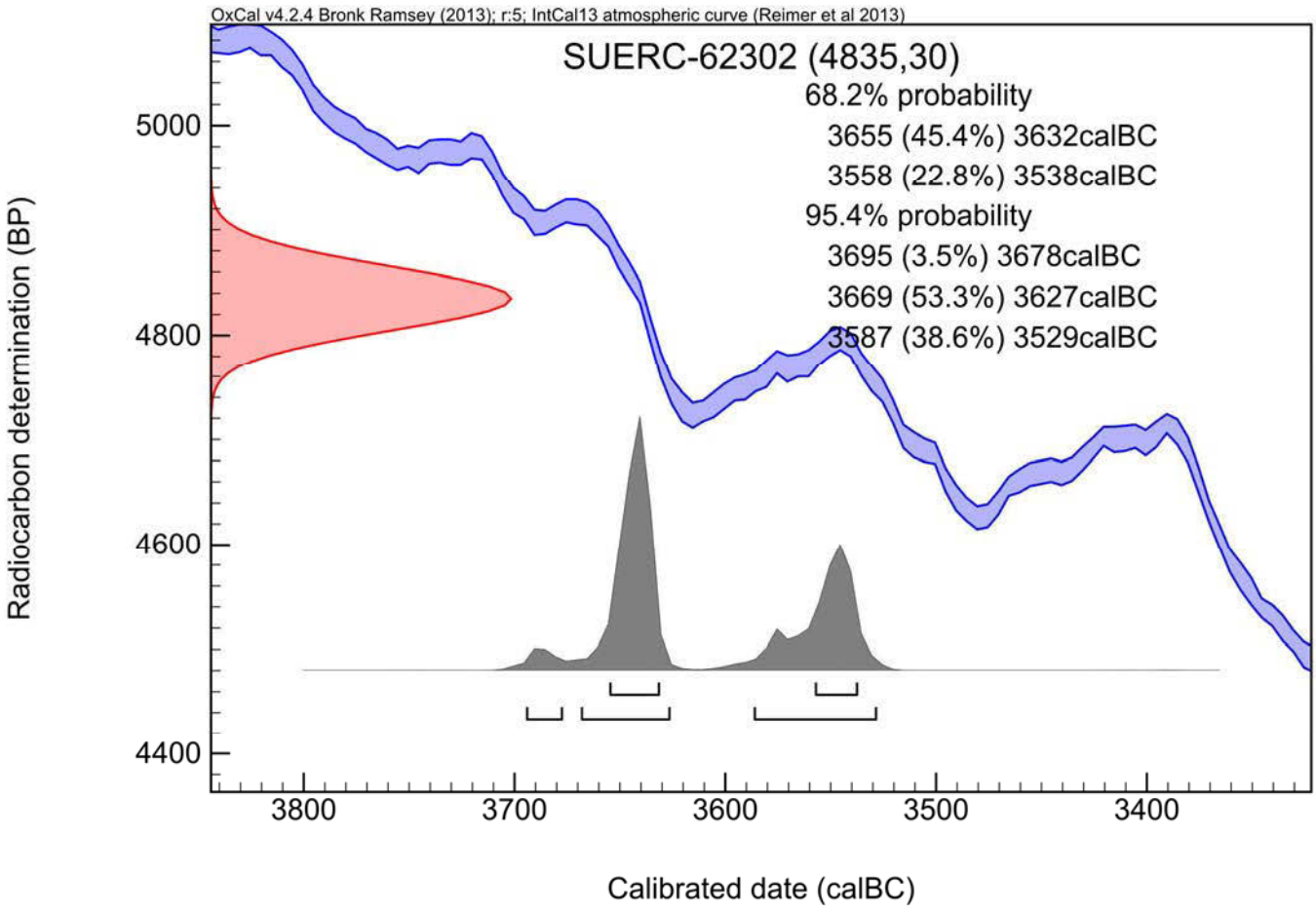
Conventional age and calibration age ranges calculated by :- E. Dunbar Date :- 16/09/2015

Checked and signed off by :- P. Naysmith Date :- 16/09/2015

Calibration Plot



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RADIOCARBON DATING CERTIFICATE

16 September 2015

Laboratory Code	SUERC-62306 (GU38362)
Submitter	Sarah Cobain Cotswold Archaeology Building 11 Kemble Enterprise Park Cirencester GL7 6BL
Site Reference	Cloakham Lawn, Axminster
Context Reference	10319
Sample Reference	CLAD1410319
Material	Charcoal : Prunus (Cherry species)
$\delta^{13}C$ relative to VPDB	-28.0 ‰
Radiocarbon Age BP	4920 ± 30

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email Gordon.Cook@glasgow.ac.uk or telephone 01355 270136 direct line.

Conventional age and calibration age ranges calculated by :- E. Dunbar Date :- 16/09/2015

Checked and signed off by :- P. Naysmith Date :- 16/09/2015

Calibration Plot