



RADIOCARBON DATING CERTIFICATE

13 October 2015

Laboratory Code SUERC-63309 (GU38927)

Submitter Menno Dijkstra
Diachron UvA bv
Turfdraagsterpad 9
NL-2012 XT
Amsterdam
The Netherlands

Site Reference Leiderdorp-Plantage

Context Reference Feature 5399

Sample Reference Find 3570.003

Material wood : oak

$\delta^{13}\text{C}$ relative to VPDB -27.3 ‰

Radiocarbon Age BP 1259 \pm 29

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 :- 13/10/2015

Checked and signed off by :- *P. Nayantub*

Date :- 13/10/2015

Calibration Plot

OxCal v4.2.4 Bronk Ramsey (2013); r:5; IntCal13 atmospheric curve (Reimer et al 2013)

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68.2% probability

690 (59.0%) 750calAD

761 (9.2%) 771calAD

95.4% probability

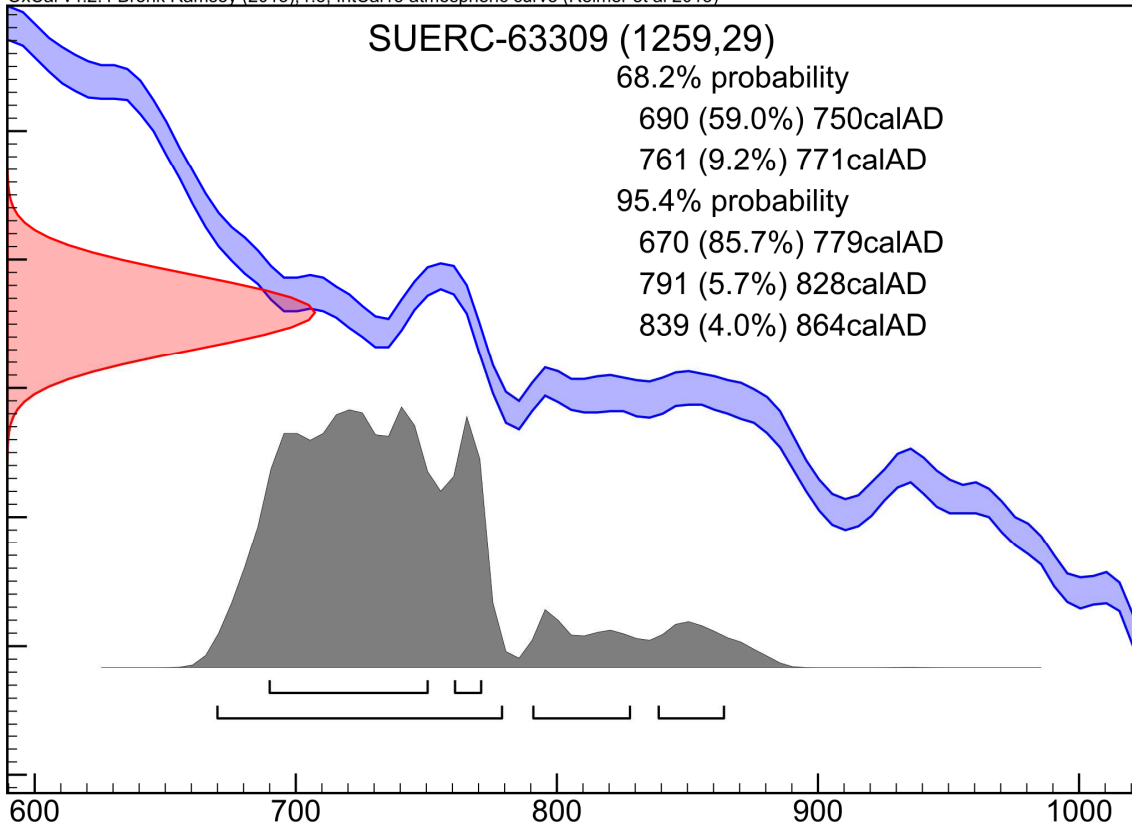
670 (85.7%) 779calAD

791 (5.7%) 828calAD

839 (4.0%) 864calAD

Radiocarbon determination (BP)

1400
1300
1200
1100
1000
900



Calibrated date (calAD)