APPENDIX E:

RADIOMETRIC DATING RESULTS

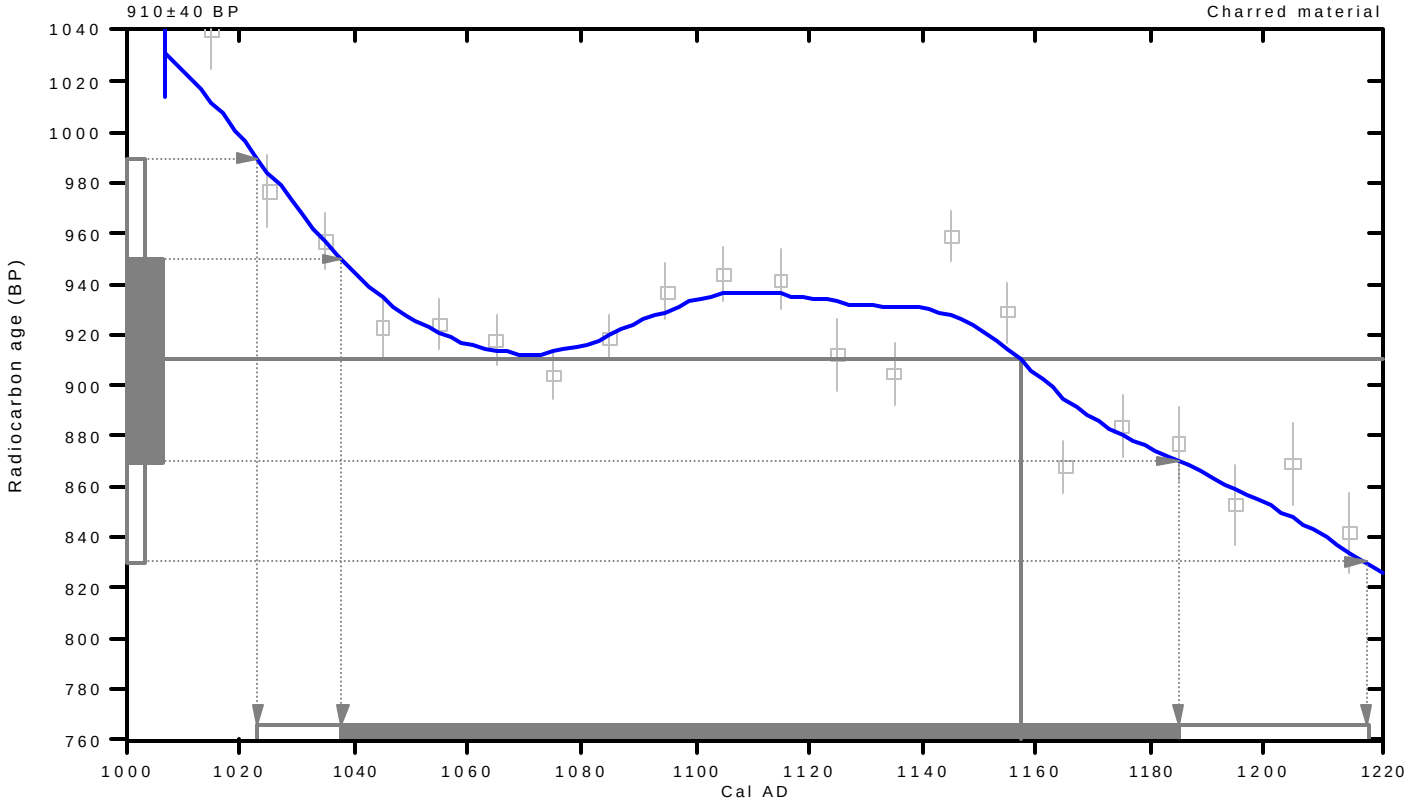
CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-25.9:lab. mult=1)

Laboratory number:	**Beta-149975**
Conventional radiocarbon age:	**910±40 BP**
2 Sigma calibrated result: (95% probability)	**Cal AD 1020 to 1220 (Cal BP 930 to 730)**

Intercept data

Intercept of radiocarbon age with calibration curve:	Cal AD 1160 (Cal BP 790)
1 Sigma calibrated result: (68% probability)	Cal AD 1040 to 1180 (Cal BP 910 to 760)



References:

Database used

Calibration Database

Editorial Comment

Stuiver, M., van der Plicht, H., 1998, Radiocarbon 40(3), pxii-xiii

INTCAL98 Radiocarbon Age Calibration

Stuiver, M., et. al., 1998, Radiocarbon 40(3), p1041-1083

Mathematics

A Simplified Approach to Calibrating C14 Dates

Talma, A. S., Vogel, J. C., 1993, Radiocarbon 35(2), p317-322

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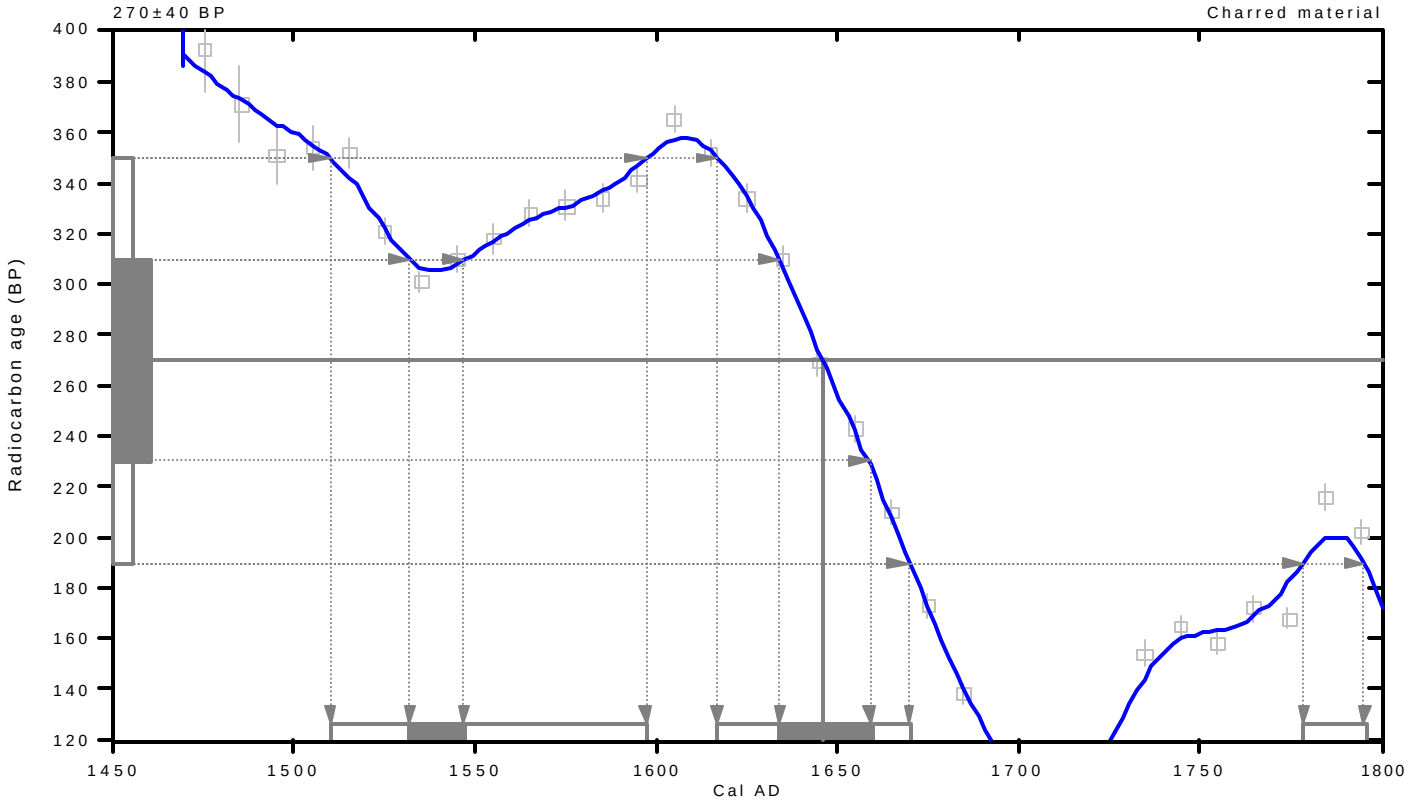
CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-25:lab. mult=1)

Laboratory number:	**Beta-149976**
Conventional radiocarbon age:	**270±40 BP**
2 Sigma calibrated results: **(95% probability)**	**Cal AD 1510 to 1600 (Cal BP 440 to 350) and** **Cal AD 1620 to 1670 (Cal BP 330 to 280) and** **Cal AD 1780 to 1800 (Cal BP 170 to 150)**

Intercept data

Intercept of radiocarbon age with calibration curve:	Cal AD 1650 (Cal BP 300)
1 Sigma calibrated results: (68% probability)	Cal AD 1530 to 1550 (Cal BP 420 to 400) and Cal AD 1630 to 1660 (Cal BP 320 to 290)



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Database used

Calibration Database

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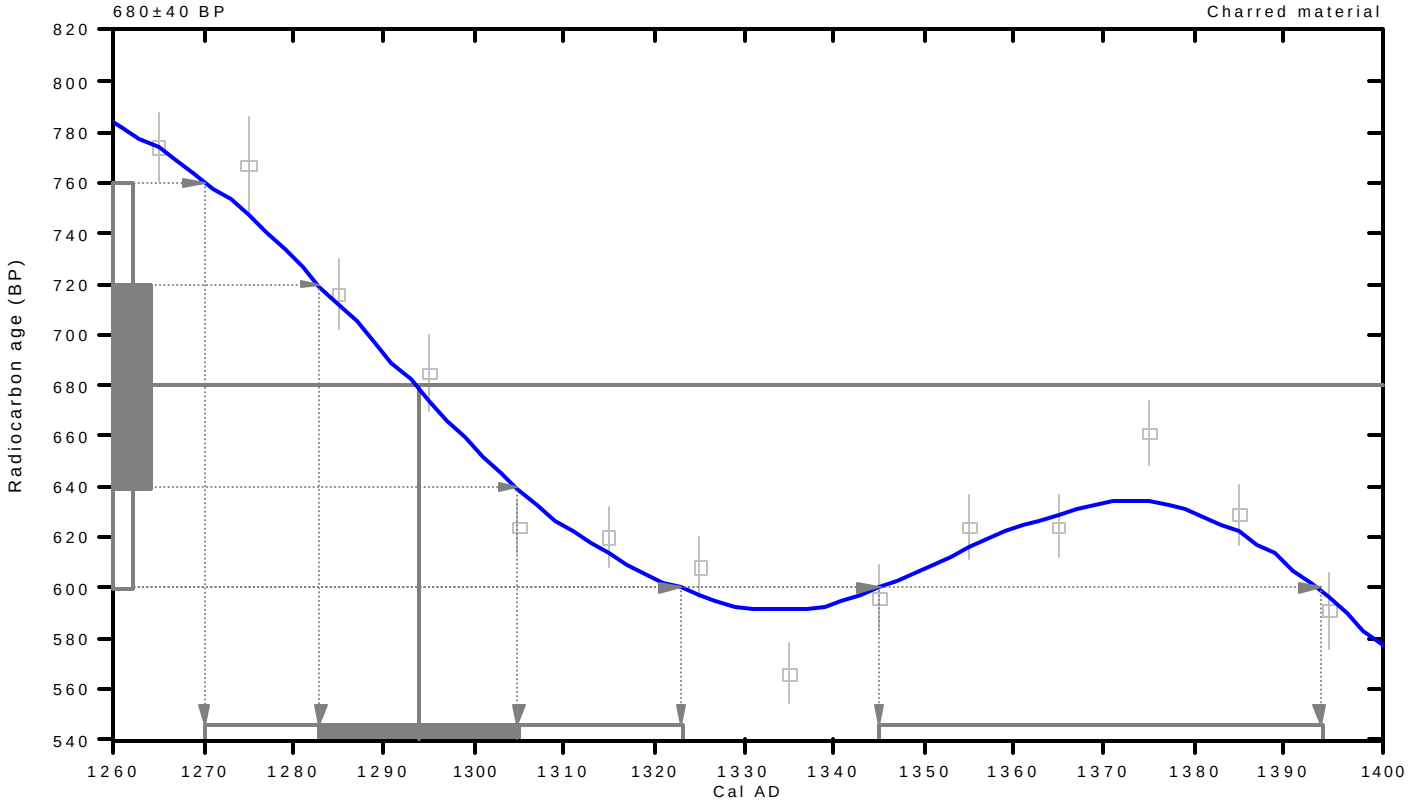
CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-27.6:lab. mult=1)

Laboratory number:	**Beta-149977**
Conventional radiocarbon age:	**680±40 BP**
2 Sigma calibrated results: (95% probability)	**Cal AD 1270 to 1320 (Cal BP 680 to 630) and Cal AD 1340 to 1390 (Cal BP 600 to 560)**

Intercept data

Intercept of radiocarbon age with calibration curve:	Cal AD 1290 (Cal BP 660)
1 Sigma calibrated result: (68% probability)	Cal AD 1280 to 1300 (Cal BP 670 to 640)



References:

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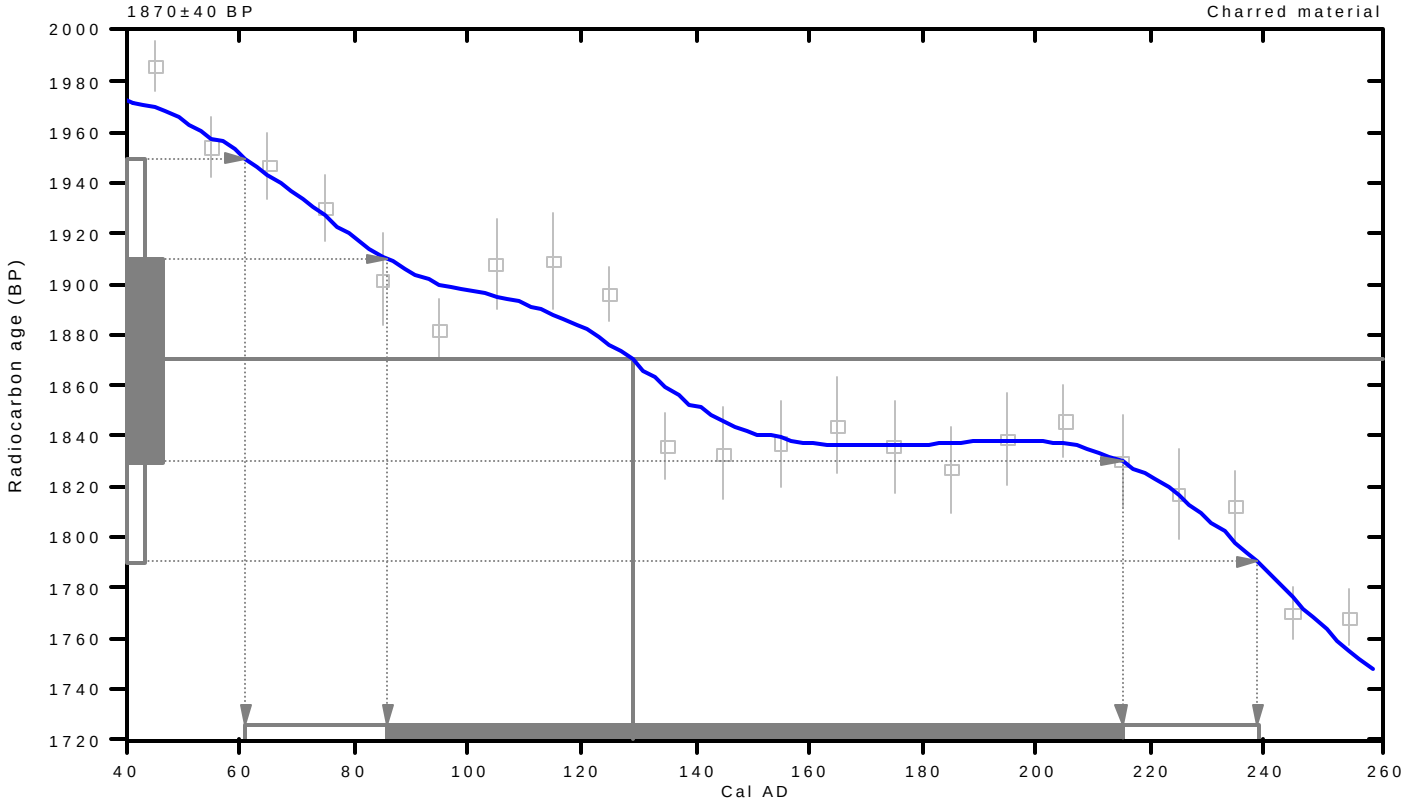
CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-24.8:lab. mult=1)

Laboratory number:	**Beta-149979**
Conventional radiocarbon age:	**1870±40 BP**
2 Sigma calibrated result: (95% probability)	**Cal AD 60 to 240 (Cal BP 1890 to 1710)**

Intercept data

Intercept of radiocarbon age with calibration curve:	Cal AD 130 (Cal BP 1820)
1 Sigma calibrated result: (68% probability)	Cal AD 90 to 220 (Cal BP 1860 to 1740)



References:

Database used

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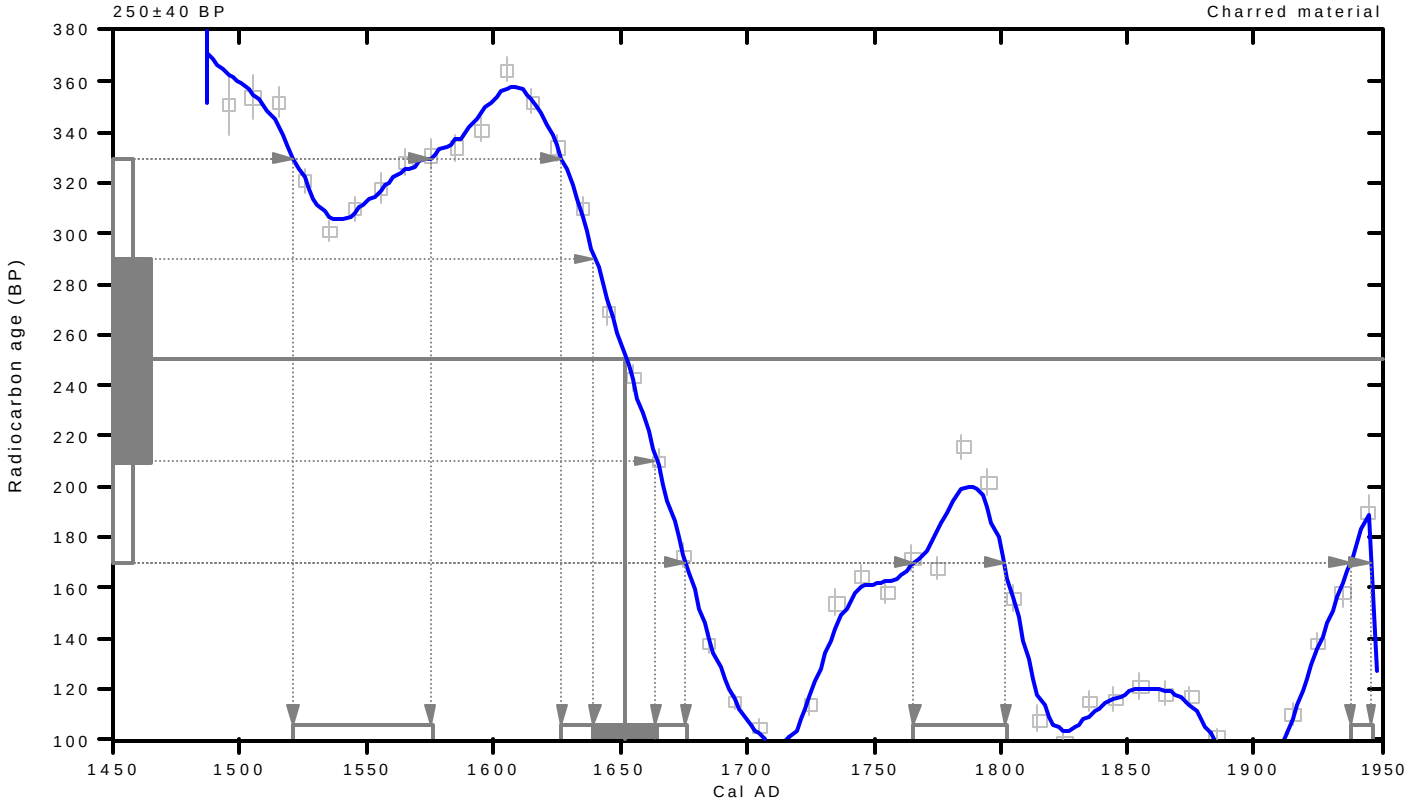
CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-25:lab. mult=1)

Laboratory number:	**Beta-149980**
Conventional radiocarbon age:	**250±40 BP**
2 Sigma calibrated results: (95% probability)	**Cal AD 1520 to 1580 (Cal BP 430 to 380) and Cal AD 1630 to 1680 (Cal BP 320 to 270) and Cal AD 1770 to 1800 (Cal BP 180 to 150) and Cal AD 1940 to 1950 (Cal BP 10 to 0)**

Intercept data

Intercept of radiocarbon age with calibration curve:	Cal AD 1650 (Cal BP 300)
1 Sigma calibrated result: (68% probability)	Cal AD 1640 to 1660 (Cal BP 310 to 290)



References:

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CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-24:lab. mult=1)

Laboratory number: **Beta-150341**

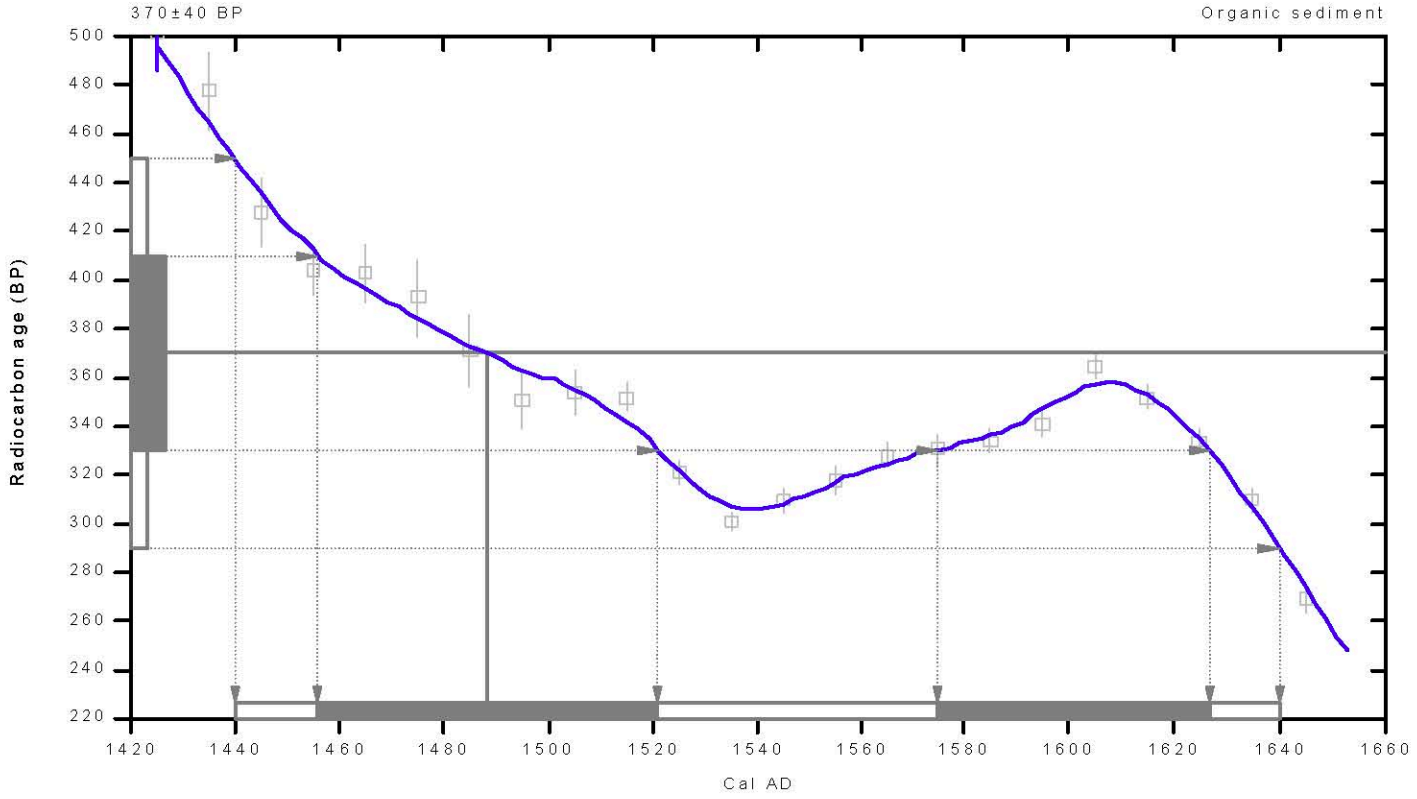
Conventional radiocarbon age: **370±40 BP**

2 Sigma calibrated result: **Cal AD 1440 to 1640 (Cal BP 510 to 310)**
(95% probability)

Intercept data

Intercept of radiocarbon age with calibration curve: Cal AD 1490 (Cal BP 460)

1 Sigma calibrated results: Cal AD 1460 to 1520 (Cal BP 490 to 430) and
(68% probability) Cal AD 1580 to 1630 (Cal BP 380 to 320)



References:

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Calibration Database

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CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-22.9:lab. mult=1)

Laboratory number: **Beta-150342**

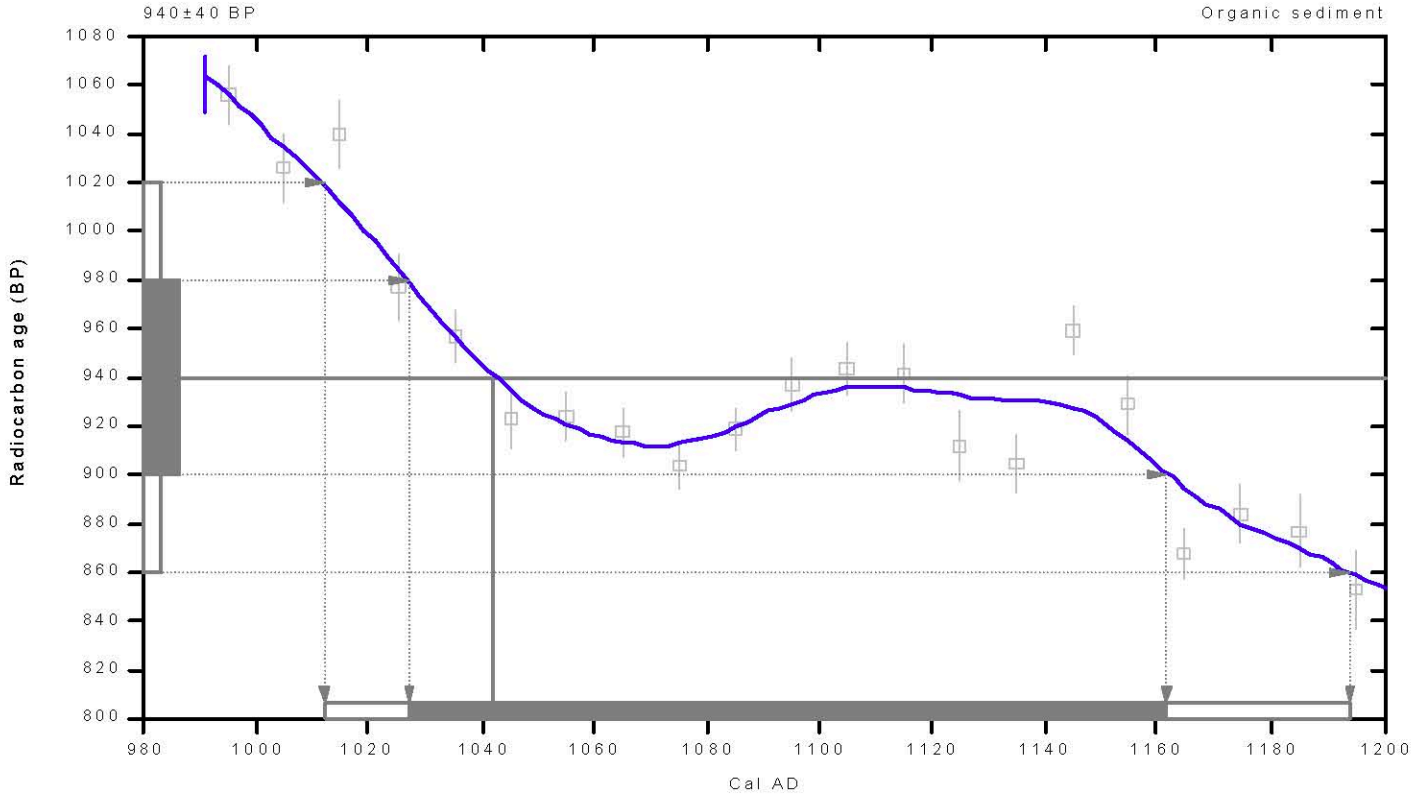
Conventional radiocarbon age: **940±40 BP**

2 Sigma calibrated result: **Cal AD 1010 to 1190 (Cal BP 940 to 760)**
(95% probability)

Intercept data

Intercept of radiocarbon age with calibration curve: Cal AD 1040 (Cal BP 910)

1 Sigma calibrated result: Cal AD 1030 to 1160 (Cal BP 920 to 790)
(68% probability)



References:

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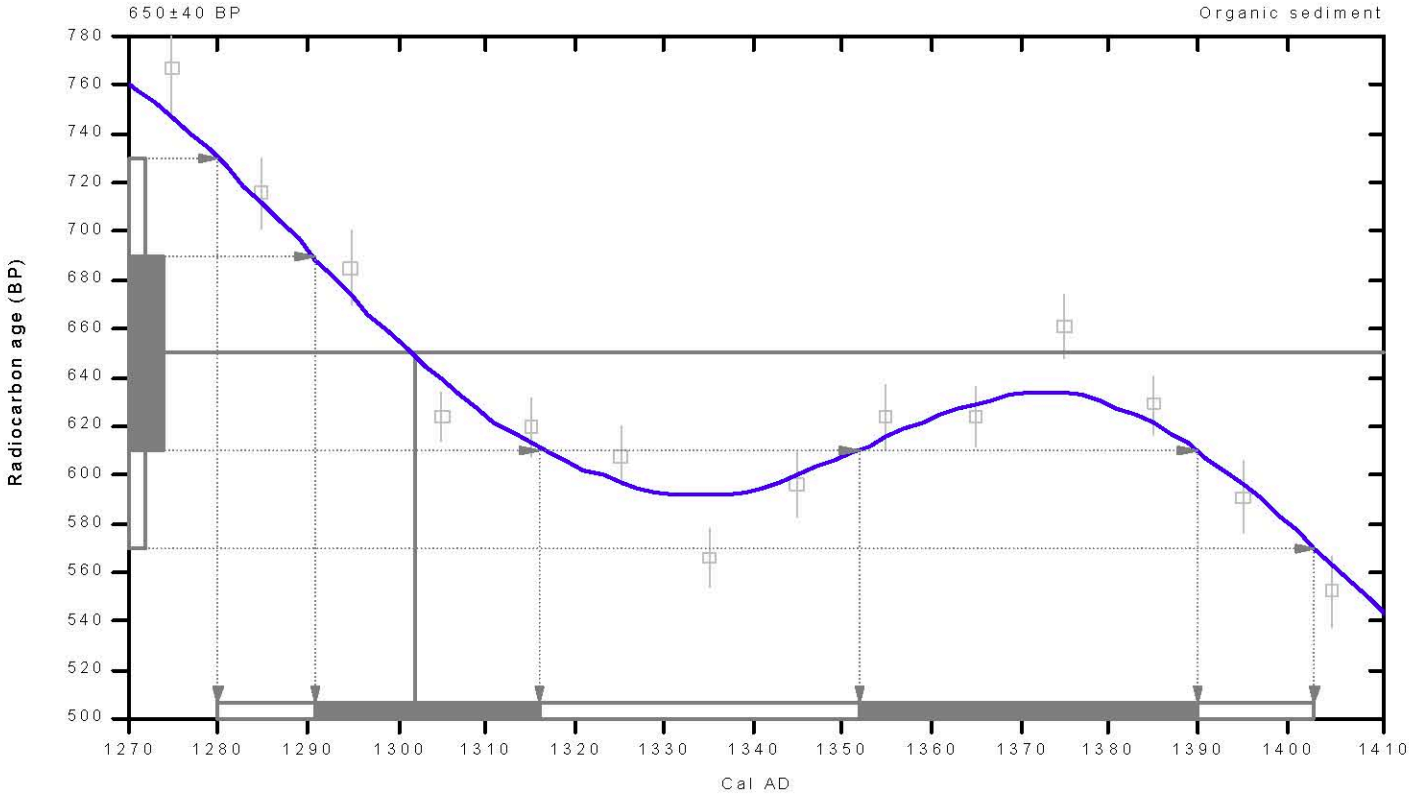
CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-23.7:lab. mult=1)

Laboratory number:	**Beta-150343**
Conventional radiocarbon age:	**650±40 BP**
2 Sigma calibrated result: (95% probability)	**Cal AD 1280 to 1400 (Cal BP 670 to 550)**

Intercept data

Intercept of radiocarbon age with calibration curve:	Cal AD 1300 (Cal BP 650)
1 Sigma calibrated results: (68% probability)	Cal AD 1290 to 1320 (Cal BP 660 to 630) and Cal AD 1350 to 1390 (Cal BP 600 to 560)



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