

UBANo	Sample ID	Material Type	¹⁴ C Age	±	F14C	±	mg Graphite
UBA-47848	256011_WA04_6.98-7.00	Alnus glutinosa (Alder)	2939	31	0.6936	0.0027	0.955
UBA-47849	256011_WA04_7.44-7.46	Alnus glutinosa (Alder) cone x 2	3332	33	0.6605	0.0027	0.931
UBA-47850	256011_WA02_7.87-7.89	Alnus glutinosa (Alder)	3856	33	0.6188	0.0025	0.921
UBA-47851	256011_WA02_8.85-8.87	Alnus glutinosa (Alder)	5376	34	0.5121	0.0022	1.002
UBA-47863	217021_509_510 <11>	Triticum aestivum/turgidum grain x 1	906	15	0.8934	0.0016	0.826
UBA-47864	217021_10217_10218 <19>	Avena sp. grain x 1	1028	15	0.8799	0.0016	0.993
UBA-47865	217021_10727_10729 <38>	Betula sp.	1932	16	0.7862	0.0016	0.505

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Radiocarbon Date Certificate

Laboratory Identification: UBA-47848
Date of Measurement: 2022-06-20
Site: Gallions View
Sample ID: 256011_WA04_6.98-7.00
Material Dated: wood
Pretreatment: AAA
mg Graphite: 0.955
Submitted by: Ines Lopez Doriga

Conventional ¹⁴ C	
Age:	2939±31 BP
Fraction	using AMS
corrected	δ ¹³ C

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Radiocarbon Date Certificate

Laboratory Identification: UBA-47849
Date of Measurement: 2022-06-20
Site: Gallions View
Sample ID: 256011_WA04_7.44-7.46
Material Dated: plant macrofossil
Pretreatment: AAA
mg Graphite: 0.931
Submitted by: Ines Lopez Doriga

Conventional ¹⁴ C	
Age:	3332±33 BP
Fraction	using AMS
corrected	δ ¹³ C

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Radiocarbon Date Certificate

Laboratory Identification: UBA-47850
Date of Measurement: 2022-06-20
Site: Gallions View
Sample ID: 256011_WA02_7.87-7.89
Material Dated: wood
Pretreatment: AAA
mg Graphite: 0.921
Submitted by: Ines Lopez Doriga

Conventional ¹⁴ C	
Age:	3856±33 BP
Fraction	using AMS
corrected	δ ¹³ C

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Radiocarbon Date Certificate

Laboratory Identification: UBA-47851
Date of Measurement: 2022-06-20
Site: Gallions View
Sample ID: 256011_WA02_8.85-8.87
Material Dated: wood
Pretreatment: AAA
mg Graphite: 1.002
Submitted by: Ines Lopez Doriga

Conventional ¹⁴ C	
Age:	5376±34 BP
Fraction	using AMS
corrected	δ ¹³ C

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Radiocarbon Date Certificate

Laboratory Identification: UBA-47863
Date of Measurement: 2022-07-08
Site: Uplands Farm
Sample ID: 217021_509_510 <11>
Material Dated: charred seed or nutshell
Pretreatment: AAA
mg Graphite: 0.826
Submitted by: Ines Lopez Doriga

Conventional ¹⁴ C	
Age:	906±15 BP
Fraction	using AMS
corrected	δ ¹³ C

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Radiocarbon Date Certificate

Laboratory Identification: UBA-47864
Date of Measurement: 2022-07-08
Site: Uplands Farm
Sample ID: 217021_10217_10218 <19>
Material Dated: charred seed or nutshell
Pretreatment: AAA
mg Graphite: 0.993
Submitted by: Ines Lopez Doriga

Conventional ¹⁴ C	
Age:	1028±15 BP
Fraction	using AMS
corrected	δ ¹³ C

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Radiocarbon Date Certificate

Laboratory Identification: UBA-47865
Date of Measurement: 2022-07-08
Site: Uplands Farm
Sample ID: 217021_10727_10729 <38>
Material Dated: charcoal
Pretreatment: AAA
mg Graphite: 0.505
Submitted by: Ines Lopez Doriga

Conventional ¹⁴ C	
Age:	1932±16 BP
Fraction	using AMS
corrected	δ ¹³ C

Marine samples will require re-calibration with the marine calibration curve

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RADIOCARBON CALIBRATION PROGRAM*

CALIB REV8.2

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*To be used in conjunction with:

Stuiver, M., and Reimer, P.J., 1993, Radiocarbon, 35, 215-230.

UBA-47848

47848

Radiocarbon Age BP 2939 +/- 31

Calibration data set: intcal20.14c

% area enclosed cal AD age ranges

68.3 (1 sigma) cal BC 1214- 1110

1091- 1086

1064- 1058

95.4 (2 sigma) cal BC 1257- 1245

1229- 1045

1031- 1018

Median Probability: -1148

Reimer et al. 2020

relative area under
probability distribution

0.943

0.025

0.032

0.020

0.959

0.021

UBA-47849

47849

Radiocarbon Age BP 3332 +/- 33

Calibration data set: intcal20.14c

% area enclosed cal AD age ranges

68.3 (1 sigma) cal BC 1627- 1535

95.4 (2 sigma) cal BC 1732- 1720

1689- 1529

1526- 1517

Median Probability: -1594

Reimer et al. 2020

relative area under
probability distribution

1.000

0.025

0.951

0.024

UBA-47850

47850

Radiocarbon Age BP 3856 +/- 33

Calibration data set: intcal20.14c

% area enclosed cal AD age ranges

68.3 (1 sigma) cal BC 2448- 2422

2405- 2378

2350- 2283

2250- 2233

2219- 2210

95.4 (2 sigma) cal BC 2459- 2273

2257- 2205

Median Probability: -2330

Reimer et al. 2020

relative area under
probability distribution

0.137

0.175

0.529

0.107

0.052

0.807

0.193

UBA-47851

47851

Radiocarbon Age BP 5376 +/- 34

Calibration data set: intcal20.14c

% area enclosed cal AD age ranges

68.3 (1 sigma) cal BC 4326- 4287

4266- 4230

4194- 4169

4089- 4082

95.4 (2 sigma) cal BC 4332- 4222

4201- 4162

4131- 4058

Median Probability: -4243

Reimer et al. 2020

relative area under
probability distribution

0.394

0.342

0.226

0.038

0.618

0.191

0.191

UBA-47863

47863

Radiocarbon Age BP 906 +/- 15

Calibration data set: intcal20.14c

Reimer et al. 2020

% area enclosed cal AD age ranges

relative area under
probability distribution

68.3 (1 sigma)	cal AD	1051- 1079	0.617
		1155- 1168	0.313
		1170- 1175	0.057
		1196- 1198	0.014
95.4 (2 sigma)	cal AD	1047- 1083	0.465
		1095- 1102	0.016
		1125- 1141	0.044
		1147- 1182	0.345
		1185- 1213	0.129

Median Probability: 1130

UBA-47864

47864

Radiocarbon Age BP 1028 +/- 15

Calibration data set: intcal20.14c

Reimer et al. 2020

% area enclosed cal AD age ranges

relative area under
probability distribution

68.3 (1 sigma)	cal AD	995- 1005	0.592
		1016- 1025	0.408
95.4 (2 sigma)	cal AD	994- 1027	1.000

Median Probability: 1009

UBA-47865

47865

Radiocarbon Age BP 1932 +/- 16

Calibration data set: intcal20.14c

Reimer et al. 2020

% area enclosed cal AD age ranges

relative area under
probability distribution

68.3 (1 sigma)	cal AD	75- 123	1.000
95.4 (2 sigma)	cal AD	25- 50	0.074
		55- 130	0.889
		142- 157	0.023
		191- 201	0.015

Median Probability: 94

References for calibration datasets:

Reimer P, Austin WEN, Bard E, Bayliss A, Blackwell PG, Bronk Ramsey C, Butzin M, Edwards RL, Friedrich M, Grootes PM, Guilderson TP, Hajdas I, Heaton TJ, Hogg A, Kromer B, Manning SW, Muscheler R, Palmer JG, Pearson C, van der Plicht J, Reim Richards DA, Scott EM, Southon JR, Turney CSM, Wacker L, Adolphi F, BÄntgen U, Fahrni S, Fogtmann-Schulz A, Friedrich R, KÄhler P, Kudsk S, Miyake F, Olsen J, Sakamoto M, Sookdeo A, Talamo S. 2020.

The IntCal20 Northern Hemisphere radiocarbon age calibration curve (0-55 cal kB Radiocarbon 62. doi: 10.1017/RDC.2020.41.

Comments:

* This standard deviation (error) includes a lab error multiplier.

** 1 sigma = square root of (sample std. dev.^2 + curve std. dev.^2)

** 2 sigma = 2 x square root of (sample std. dev.^2 + curve std. dev.^2)

where ^2 = quantity squared.

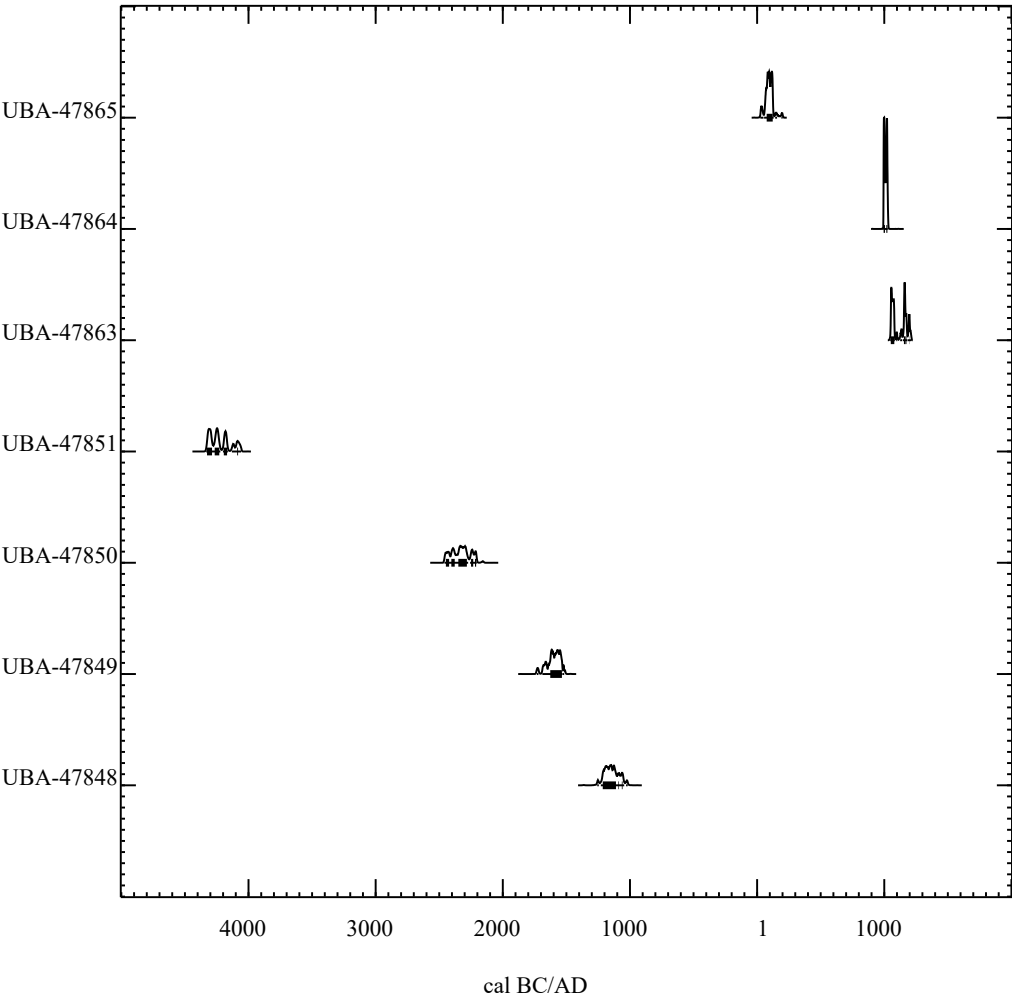
[] = calibrated range impinges on end of calibration data set

0* represents a "negative" age BP

1955* or 1960* denote influence of nuclear testing C-14

NOTE: Cal ages and ranges are rounded to the nearest year which may be too precise in many instances. Users are advised to round results to the nearest 10 yr for samples with standard deviation in the radiocarbon age greater than 50 yr.

Posterior Probability Distributions



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