

**NE SCOTLAND RESEARCH FRAMEWORK – RESOURCE ASSESSMENT**

Updated 31/05/19 - Bruce Mann

**SECTION 2 - MESOLITHIC (c8000 BC – c4000 BC) - C14 Dates - v1.3**

\*All Radiocarbon dates have been calibrated to 2 sigma (unless noted otherwise).

115 Dates from 33 sites

| No | BP Date         | Calibrated Date*  | Site Type                      | Site Name  | HER Ref No         | Lab Sample No | Material                           | Notes                      |
|----|-----------------|-------------------|--------------------------------|--|--------------------|---------------|------------------------------------|----------------------------|
| 1  | 8977 +/- 29 BP  | 8290 BC - 7990 BC | Temporary Camp                 | CHEST OF DEE, AB'SHIRE (Test pit 106 Layer 010)              | NO08NW0042         | SUERC-58528   | Charcoal - birch                   | GU-36544                   |
| 2  | 8897 +/- 29 BP  | 8220 BC - 7970 BC | Pit-Alignment                  | MILLTIMBER, AB'SHIRE (Pit 2D-1776)                           |                    | SUERC-68101   | Hazelnut                           |                            |
| 3  | 8850 +/- 40 BP  | 8210 BC – 7790 BC | Pit-Alignment                  | WARREN FIELD, CRATHES, AB'SHIRE (Pit 6)                      | NO79NW0012         | SUERC-12266   | Charcoal - willow/poplar and hazel |                            |
| 4  | 8848 +/- 29 BP  | 8210 BC - 7820 BC | Pit-Alignment                  | MILLTIMBER, AB'SHIRE (Pit 2D-1089)                           |                    | SUERC-68106   | Charcoal - willow                  |                            |
| 5  | 8765 +/- 40 BP  | 7970 BC – 7610 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 18)                     | NO79NW0012         | SUERC-10077   | Charcoal - hazel                   |                            |
| 6  | 8755 +/- 40 BP  | 7960 BC – 7610 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 19)                     | NO79NW0012         | SUERC-10075   | Charcoal - alder/hazel             |                            |
| 7  | 8720 +/- 40 BP  | 7880 BC - 7600 BC | Peat Deposit                   | BLACKBURN MOSS, AB'SHIRE                                     | NO89SE0098         | Beta-361682   | Peat deposit                       |                            |
| 8  | 8710 +/- 40 BP  | 7940 BC – 7590 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 22)                     | NO79NW0012         | SUERC-10076   | Hazelnut                           |                            |
| 9  | 8670 +/- 130 BP | 8210 BC – 7520 BC | Peat Deposit                   | GLEN LUI, AB'SHIRE   | NO09SE0001         | GU-10792      | Peat deposit                       |                            |
| 10 | 8657 +/- 29 BP  | 7730 BC - 7590 BC | Pit-Alignment                  | MILLTIMBER, AB'SHIRE (Pit 2D-0143)                           |                    | SUERC-54050   | Charcoal - willow                  |                            |
| 11 | 8620 +/- 29 BP  | 7710 BC - 7580 BC | Pit-Alignment                  | MILLTIMBER, AB'SHIRE (Pit 2D-1009)                           |                    | SUERC-68096   | Charcoal - hazel                   |                            |
| 12 | 8530 +/- 40 BP  | 7600 BC – 7525 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 16)                     | NO79NW0012         | SUERC-10078   | Charcoal - alder/hazel             |                            |
| 13 | 8460 +/- 40 BP  | 7590 BC – 7480 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 16)                     | NO79NW0012         | SUERC-10082   | Charcoal - hazel                   |                            |
| 14 | 8350 +/- 50 BP  | 7540 BC – 7200 BC | Post-circle                    | LESMURDIE ROAD, ELGIN, MORAY (Post-circle 2)                 | NJ26SW0154         | Poz-5490      | Charcoal                           |                            |
| 15 | 8313 +/- 30 BP  | 7490 BC - 7200 BC | Pit-Alignment                  | MILLTIMBER, AB'SHIRE (Pit 2D-1014)                           |                    | SUERC-68100   | Charcoal - apple                   |                            |
| 16 | 8255 +/- 55 BP  | 7480 BC – 7080 BC | Linear slots, pits             | FORDHOUSE, ANGUS (Linear Slot)                               | NO66SE0079         | OxA-10059     | Hazelnut                           |                            |
| 17 | 8176 +/- 31 BP  | 7310 BC - 7070 BC | Pit-Alignment                  | MILLTIMBER, AB'SHIRE (Pit AMA09-2216)                        |                    | SUERC-73594   | Hazelnut                           |                            |
| 18 | 8142 +/- 30 BP  | 7290 BC - 7060 BC | Pit-Alignment                  | MILLTIMBER, AB'SHIRE (Pit 2D-1485)                           |                    | SUERC-68095   | Charcoal - hazel                   |                            |
| 19 | 8101 +/- 29 BP  | 7180 BC - 7040 BC | Lithic scatter                 | NETHER PARK QUARRY, AB'SHIRE                                 | NO79NE0125         | SUERC-84117   | Charcoal - birch                   | GU-49999                   |
| 20 | 8100 +/- 45 BP  | 7300 BC – 6840 BC | Linear slots, pits             | FORDHOUSE, ANGUS (Pit 21)                                    | NO66SE0079         | OxA-8225      | Hazelnut                           |                            |
| 21 | 8100 +/- 40 BP  | 7300 BC – 6840 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 5)                      | NO79NW0012         | SUERC-12257   | Charcoal - alder                   |                            |
| 22 | 8080 +/- 80 BP  | 7320 BC – 6700 BC | Deposit near lithic scatter    | PEEL OF LUMPHANAN, AB'SHIRE                                  | NJ50SE0002         | GU-1277       | Waterlogged wood                   |                            |
| 23 | 8080 +/- 35 BP  | 7180 BC – 6830 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 5)                      | NO79NW0012         | SUERC-12262   | Charcoal - birch and hazel         |                            |
| 24 | 8154 +/- 30 BP  | 7080 BC - 6830 BC | Pit-Alignment                  | MILLTIMBER, AB'SHIRE (Pit 2D-1008)                           |                    | SUERC-58021   | Charcoal - birch                   |                            |
| 25 | 8040 +/- 40 BP  | 7090 BC – 6810 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 5)                      | NO79NW0012         | SUERC-12259   | Charcoal - birch                   |                            |
| 26 | 8040 +/- 40 BP  | 7080 BC - 6810 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 5)                      | NO79NW0012         | SUERC-12260   | Charcoal - willow/poplar           |                            |
| 27 | 8026 +/- 38 BP  | 7070 BC - 6820 BC | Structure                      | STANDINGSTONES, ABERDEEN CITY (Pit 3B-0003)                  | NJ81SE0655         | SUERC-49726   | Hazelnut                           |                            |
| 28 | 7990 +/- 28 BP  | 7050 BC - 6770 BC | Fire pit                       | CHEST OF DEE, AB'SHIRE (Test pit 106 Layer 004)              | NO08NW0042         | SUERC-58527   | Charcoal - willow                  | GU-36544                   |
| 29 | 7988 +/- 29 BP  | 7040 BC - 6780 BC | Structure                      | STANDINGSTONES, ABERDEEN CITY (Pit 3B-0016)                  | NJ81SE0655         | SUERC-68125   | Hazelnut                           |                            |
| 30 | 7985 +/- 25 BP  | 7040 BC - 6780 BC | Structure                      | STANDINGSTONES, ABERDEEN CITY (Pit 3B-0025)                  | NJ81SE0655         | SUERC-57938   | Hazelnut                           |                            |
| 31 | 7967 +/- 30 BP  | 7040 BC - 6710 BC | Structure                      | STANDINGSTONES, ABERDEEN CITY (Pit 3B-0025)                  | NJ81SE0655         | SUERC-68126   | Hazelnut                           |                            |
| 32 | 7963 +/- 27 BP  | 7040 BC - 6710 BC | Pit-Alignment                  | MILLTIMBER, AB'SHIRE (Pit 2D-1003)                           |                    | SUERC-58021   | Charcoal - birch                   |                            |
| 33 | 7960 +/- 29 BP  | 7030 BC - 6710 BC | Structure                      | STANDINGSTONES, ABERDEEN CITY (Spread within hollow 3B-0007) | NJ81SE0655         | SUERC-68124   | Hazelnut                           |                            |
| 34 | 7945 +/- 40 BP  | 7040 BC - 6690 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 5)                      | NO79NW0012         | SUERC-12256   | Charcoal - alder                   |                            |
| 35 | 7930 +/- 28 BP  | 7030 BC - 6680 BC | Fire pit                       | CHEST OF DEE, AB'SHIRE (Test pit 106 Layer 004)              | NO08NW0042         | SUERC-58526   | Charcoal - Scots pine              | GU-36543                   |
| 36 | 7920 +/- 50 BP  | 7040 BC – 6650 BC | Linear slots, pits             | FORDHOUSE, ANGUS (Occupation layer )                         | NO66SE0079         | OxA-10058     | Hazelnut                           |                            |
| 37 | 7905 +/- 40 BP  | 7030 BC – 6640 BC | Pits                           | BROOM LODGE, AB'SHIRE  | NJ71NE0175         | SUERC-15879   | Charcoal - hazel                   | GU-15814                   |
| 38 | 7890 +/- 50 BP  | 7030 BC – 6630 BC | Linear slots, pits             | FORDHOUSE, ANGUS (Pit 20)                                    | NO66SE0079         | OxA-10057     | Hazelnut                           |                            |
| 39 | 7825 +/- 30 BP  | 6740 BC - 6600 BC | Structure                      | STANDINGSTONES, ABERDEEN CITY (Spread within hollow 3B-0007) |                    | SUERC-57937   | Hazelnut                           |                            |
| 40 | 7663 +/- 24 BP  | 6590 BC - 6450 BC | Lithic scatter                 | NETHER PARK QUARRY, AB'SHIRE                                 | NO79NE0125         | SUERC-84114   | Charcoal - willow                  |                            |
| 41 | 7540 +/- 30 BP  | 6460 BC - 6380 BC | Pits                           | MORAY SPORTS CENTRE, ELGIN, MORAY (Feature 007)              |                    | SUERC-85460   | Charcoal - pine                    | GU-50592                   |
| 42 | 7450 +/- 25 BP  | 6410 BC – 6230 BC | Buried Woodland                | GALLOWHILL, AB'SHIRE (Sample 2)                              | NO99NW0075         | SUERC-16217   | Wood - willow                      | GU-15947 (see Beta-237789) |
| 43 | 7420 +/- 120 BP | 6480 BC - 6040 BC | Storegga Tsunami               | MARYTON, ANGUS   | NGR - NO 6837 5650 | Beta - 92236  | Peat                               | Smith et al, 2004          |
| 44 | 7400 +/- 45 BP  | 6400 BC - 6200 BC | Storegga Tsunami               | TARTY BURN, AB'SHIRE   | NGR - NJ 9824 2705 | SRR - 4718    | Peat                               | Smith et al, 1985          |
| 45 | 7395 +/- 45 BP  | 6400 BC - 6200 BC | Storegga Tsunami               | WATER OF PHILORTH, AB'SHIRE                                  | NGR - NK 0143 6412 | SRR-5479      | Peat                               | Smith and Dawson, 1991     |
| 46 | 7260 +/- 50 BP  | 6230 BC - 6020 BC | Post-circle                    | LESMURDIE ROAD, ELGIN, MORAY (Post-circle 1)                 | NJ26SW0154         | Poz-5489      | Charcoal                           |                            |
| 47 | 7259 +/- 30 BP  | 6220 BC - 6050 BC | Structure                      | CAOCHANAN RUADHA, AB'SHIRE (Hearth)                          | NN98NW0004         | SUERC-58041   | Charcoal - yew                     | GU-36382                   |
| 48 | 7252 +/- 30 BP  | 6220 BC - 6050 BC | Structure                      | CAOCHANAN RUADHA, AB'SHIRE (Hearth)                          | NN98NW0004         | SUERC-58040   | Charcoal - yew                     | GU-36381                   |
| 49 | 7225 +/- 28 BP  | 6210 BC - 6020 BC | Lithic scatter                 | CHEST OF DEE, AB'SHIRE (Test pit 103 Layer 003)              | NO08NW0042         | SUERC-58520   | Charcoal - Scots pine              | GU-36540                   |
| 50 | 7215 +/- 45 BP  | 6220 BC - 6000 BC | Storegga Tsunami               | WATER OF PHILORTH, AB'SHIRE                                  | NGR - NK 0145 6411 | SRR-5474      | Peat                               | Smith and Dawson, 1991     |
| 51 | 7210 +/- 30 BP  | 6120 BC - 6000 BC | Structure                      | CAOCHANAN RUADHA, AB'SHIRE (charcoal spread)                 | NN98NW0004         | SUERC-67814   | Charcoal - alder                   | GU-41146                   |
| 52 | 7160 +/- 70 BP  | 6210 BC – 5900 BC | Buried Woodland                | GALLOWHILL, AB'SHIRE (Sample 2)                              | NO99NW0075         | Beta-237789   | Wood - willow                      | See SUERC-16217            |
| 53 | 7150 +/- 30 BP  | 6070 BC - 5990 BC | Structure                      | CAOCHANAN RUADHA, AB'SHIRE (charcoal spread)                 | NN98NW0004         | SUERC-67810   | Charcoal - pine                    | GU-41145                   |
| 54 | 7140 +/- 120 BP | 6240 BC - 5740 BC | Storegga Tsunami               | FULLERTON, ANGUS   | NGR - NO 6743 5593 | BIRM - 823    | Peat                               | Smith et al, 1980          |
| 55 | 7135 +/- 45 BP  | 6080 BC - 5960 BC | Storegga Tsunami               | TARTY BURN, AB'SHIRE   | NGR - NJ 9824 2705 | SRR - 4717    | Peat                               | Smith et al, 1984          |

|     |                 |                   |                                |  |                    |              |                        |                             |
|-----|-----------------|-------------------|--------------------------------|--|--------------------|--------------|------------------------|-----------------------------|
| 56  | 7120 +/- 75 BP  | 6120 BC - 5830 BC | Storegga Tsunami               | PUGGIESTON, ANGUS  | NGR - NO 6984 6009 | SRR - 2120   | Peat                   | Smith and Cullingford, 1985 |
| 57  | 7070 +/- 130 BP | 6220 BC - 5720 BC | Storegga Tsunami               | MARYTON, ANGUS   | NGR - NO 6837 5650 | Beta - 92235 | Peat                   | Smith et al, 2004           |
| 58  | 6995 +/- 45 BP  | 5990 BC - 5760 BC | Storegga Tsunami               | WATER OF PHILORTH, AB'SHIRE                              | NGR - NK 0145 6411 | SRR-5473     | Peat                   | Smith and Dawson, 1991      |
| 59  | 6980 +/- 90 BP  | 6030 BC - 5700 BC | Pits                           | BALNEAVES COTTAGE, ANGUS (Pit 12)                        | NO64NW0025         | GU-2444      | Charcoal - oak         |                             |
| 60  | 6905 +/- 55 BP  | 5910 BC - 5670 BC | Storegga Tsunami               | WATER OF PHILORTH, AB'SHIRE                              | NGR - NK 0143 6412 | SRR-5478     | Peat                   | Smith and Dawson, 1991      |
| 61  | 6880 +/- 110 BP | 6000 BC - 5610 BC | Storegga Tsunami               | FULLERTON, ANGUS   | NGR - NO 6743 5592 | BIRM - 867   | Peat                   | Smith et al, 1980           |
| 62  | 6850 +/- 140 BP | 6010 BC - 5520 BC | Storegga Tsunami               | WATERSIDE, AB'SHIRE                                      | NGR - NK 0058 2640 | SRR - 1565   | Peat                   | Smith et al, 1983           |
| 63  | 6850 +/- 75 BP  | 5900 BC - 5620 BC | Storegga Tsunami               | PUGGIESTON, ANGUS  | NGR - NO 6984 6008 | SRR - 2119   | Peat                   | Smith and Cullingford, 1985 |
| 64  | 6843 +/- 31 BP  | 5790 BC - 5660 BC | Hearth                         | MILLTIMBER, AB'SHIRE (2D-1715)                           |                    | SUERC-58189  | Charcoal - hazel       |                             |
| 65  | 6740 +/- 70 BP  | 5740 BC - 5480 BC | Negative features              | TULLOCH WOOD, MORAY (Fill of F1103)                      | NJ05NE0008         | GU-3096      | Charcoal               |                             |
| 66  | 6690 +/- 35 BP  | 5670 BC - 5550 BC | Pit deposit                    | GARTHDEE ROAD, AB'DEEN CITY (fill of pit)                | NJ90SW0429         | SUERC-8614   | Charcoal - hazel       |                             |
| 67  | 6620 +/- 35 BP  | 5630 BC - 5480 BC | Pit deposit                    | GARTHDEE ROAD, AB'DEEN CITY (fill of pit)                | NJ90SW0429         | SUERC-8615   | Charcoal - alder/hazel |                             |
| 68  | 6635 +/- 35 BP  | 5630 BC - 5490 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 5)                  | NO79NW0012         | SUERC-12258  | Charcoal - oak         |                             |
| 69  | 6530 +/- 60 BP  | 5620 BC - 5360 BC | Negative features              | TULLOCH WOOD, MORAY (Fill of F1327)                      | NJ05NE0008         | GU-3092      | Charcoal               |                             |
| 70  | 6404 +/- 24 BP  | 5470 BC - 5390 BC | Pits                           | MORAY SPORTS CENTRE, ELGIN, MORAY (Feature 2002)         |                    | SUERC-85465  | Charcoal - pine        | GU-50594                    |
| 71  | 6251 +/- 30 BP  | 5310 BC - 5080 BC | Tree bowl                      | MILLTIMBER, AB'SHIRE (2D-1102)                           |                    | SUERC-68113  | Charcoal - hazel       |                             |
| 72  | 6249 +/- 28 BP  | 5310 BC - 5075 BC | Lithic scatter                 | CHEST OF DEE, AB'SHIRE (Pool layers)                     | NO08NW0042         | SUERC-50742  | Charcoal - Scots pine  |                             |
| 73  | 6238 +/- 25 BP  | 5310 BC - 5160 BC | Pits                           | MORAY SPORTS CENTRE, ELGIN, MORAY (Feature 2004)         |                    | SUERC-85464  | Charcoal - pine        | GU-50593                    |
| 74  | 6236 +/- 29 BP  | 5310 BC - 5070 BC | Fire pit                       | CHEST OF DEE, AB'SHIRE (Test pit 106 Layer 003)          | NO08NW0042         | SUERC-58524  | Charcoal - Scots pine  | GU-36541                    |
| 75  | 6216 +/- 28 BP  | 5300 BC - 5060 BC | Fire pit                       | CHEST OF DEE, AB'SHIRE (Test pit 106 Layer 003)          | NO08NW0042         | SUERC-58525  | Charcoal - Scots pine  | GU-36542                    |
| 76  | 6180 +/- 40 BP  | 5290 BC - 5000 BC | Buried Woodland                | GALLOWHILL, AB'SHIRE (Sample 1)                          | NO99NW0075         | SUERC-16216  | Wood - birch           | GU-15946 (see Beta-237788)  |
| 77  | 6169 +/- 29 BP  | 5220 BC - 5030 BC | Temporary Camp                 | CHEST OF DEE, AB'SHIRE (Pool layers)                     | NO08NW0042         | SUERC-50741  | Charcoal - Scots pine  |                             |
| 78  | 6070 +/- 60 BP  | 5210 BC - 4830 BC | Buried Woodland                | GALLOWHILL, AB'SHIRE (Sample 1)                          | NO99NW0075         | Beta-237788  | Wood - birch           | See SUERC-16216             |
| 79  | 6006 +/- 60 BP  | 5050 BC - 4720 BC | Buried Landsurface             | BOGHEAD, MORAY (Under West cairn)                        | NJ35NE0001         | SRR-690      | Charcoal               |                             |
| 80  | 5980 +/- 35 BP  | 4990 BC - 4780 BC | Buried Soil                    | DEER'S DEN, AB'SHIRE                                     | NJ71NE0055         | SUERC-7097   | Charcoal               | See also HER Ref NJ71NE0182 |
| 81  | 5962 +/- 29 BP  | 4940 BC - 4770 BC | Fenceline pit                  | MILLTIMBER, AB'SHIRE (2D-1273)                           |                    | SUERC-68115  | Charcoal - hazel       |                             |
| 82  | 5930 +/- 40 BP  | 4940 BC - 4710 BC | Fire pit                       | ADEN ARBORETUM, AB'SHIRE                                 | NJ94NE0098         | GU-19161     | Charcoal               |                             |
| 83  | 5905 +/- 40 BP  | 4900 BC - 4690 BC | Pits                           | BROOM LODGE, AB'SHIRE                                    | NJ71NE0175         | SUERC-15880  | Charcoal               | GU-15815                    |
| 84  | 5860 +/- 70 BP  | 4710 BC - 4540 BC | Pit                            | FARROCHIE, AB'SHIRE                                      | NO88NE0051         | Beta-73552   | Charcoal               |                             |
| 85  | 5780 +/- 30 BP  | 4710 BC - 4550 BC | Fenceline pit                  | MILLTIMBER, AB'SHIRE (2D-1225)                           |                    | SUERC-68116  | Charcoal - hazel       |                             |
| 86  | 5737 +/- 30 BP  | 4690 BC - 4500 BC | Pit-alignment                  | MILLTIMBER, AB'SHIRE (2D-1127)                           |                    | SUERC-68110  | Hazelnut               |                             |
| 87  | 5710 +/- 30 BP  | 4620 BC - 4460 BC | Peat Deposit                   | BLACKBURN MOSS, AB'SHIRE                                 | NO89SE0098         | Beta-361683  | Peat deposit           |                             |
| 88  | 5700 +/- 70 BP  | 4710 BC - 4360 BC | Pit                            | FARROCHIE, AB'SHIRE                                      | NO88NE0051         | Beta-73553   | Charcoal               |                             |
| 89  | 5701 +/- 23 BP  | 4600 BC - 4460 BC | Lithic scatter                 | NETHER PARK QUARRY, AB'SHIRE                             | NO79NE0125         | SUERC-84108  | Charcoal - alder       | GU-49991                    |
| 90  | 5660 +/- 40 BP  | 4600 BC - 4360 BC | Linear slots, pits             | FORDHOUSE, ANGUS   | NO66SE0079         | OxA-8226     | Hazelnut               |                             |
| 91  | 5633 +/- 23 BP  | 4540 BC - 4370 BC | Lithic scatter                 | NETHER PARK QUARRY, AB'SHIRE                             | NO79NE0125         | SUERC-84110  | Charcoal - ash         |                             |
| 92  | 5600 +/- 40 BP  | 4510 BC - 4350 BC | Pit                            | SKILMAFILLY, AB'SHIRE (Upper fill)                       | NJ93NW0068         | Poz-7702     | Charcoal - birch       |                             |
| 93  | 5565 +/- 45 BP  | 4490 BC - 4330 BC | Linear slots, pits             | FORDHOUSE, ANGUS   | NO66SE0079         | OxA 10060    | Charcoal               |                             |
| 94  | 5530 +/- 150 BP | 4750 BC - 4000 BC | Negative features              | TULLOCH WOOD, MORAY (Fill of F1018)                      | NJ05NE0008         | GU-3091      | Charcoal               |                             |
| 95  | 5510 +/- 40 BP  | 4460 BC - 4260 BC | Pit                            | SKILMAFILLY, AB'SHIRE (Lower fill)                       | NJ93NW0068         | Poz-7700     | Charcoal - oak         |                             |
| 96  | 5500 +/- 40 BP  | 4450 BC - 4260 BC | Pit                            | SKILMAFILLY, AB'SHIRE (Upper fill)                       | NJ93NW0068         | Poz-7703     | Charcoal - oak         |                             |
| 97  | 5380 +/- 40 BP  | 4340 BC - 4050 BC | Pit                            | SKILMAFILLY, AB'SHIRE (Lower fill)                       | NJ93NW0068         | Poz-7701     | Charcoal - oak         |                             |
| 98  | 5373 +/- 29 BP  | 4330 BC - 4170 BC | Pit                            | BLACKDOG, AB'SHIRE (Pit 12-0001)                         |                    | SUERC-68123  | Hazelnut               |                             |
| 99  | 5300 +/- 40 BP  | 4260 BC - 3990 BC | Pit                            | SKILMAFILLY, AB'SHIRE (Lower fill)                       | NJ93NW0068         | Poz-7698     | Charcoal - hazel       |                             |
| 100 | 5295 +/- ?      | 4360 BC - 3800 BC | Peat Deposit                   | BRAERODDACH LOCH, AB'SHIRE                               | NJ40SE0047         |              | Peat deposit           | Edwards, 1979               |
| 101 | 5293 +/- 30 BP  | 4240 BC - 4000 BC | Pits                           | PORTSDOWN, AB'SHIRE (Sample 2)                           | NJ72SE0335         | SUERC-65273  | Charcoal - hazel       | GU-39765                    |
| 102 | 5280 +/- 31 BP  | 4230 BC - 4000 BC | Pit-alignment                  | MILLTIMBER, AB'SHIRE (AMA09-2241)                        |                    | SUERC-73592  | Charcoal - hazel       |                             |
| 103 | 5263 +/- 22 BP  | 4230 BC - 3980 BC | Lithic scatter                 | NETHER PARK QUARRY, AB'SHIRE                             | NO79NE0125         | SUERC-84109  | Charcoal - ash         | GU-49992                    |
| 104 | 5260 +/- 40 BP  | 4230 BC - 3970 BC | Pit                            | SKILMAFILLY, AB'SHIRE (Lower fill)                       | NJ93NW0068         | Poz-7699     | Charcoal - hazel       |                             |
| 105 | 5235 +/- 35 BP  | 4230 BC - 3960 BC | Timber Hall (Neolithic)        | WARREN FIELD, CRATHES, AB'SHIRE (Post 43)                | NO79NW0013         | SUERC-4048   | Charcoal - oak         |                             |
| 106 | 5250 +/- 35 BP  | 4230 BC - 3970 BC | Palaeochannel                  | CLODDACH QUARRY, MORAY                                   | NJ26SW0262         | SUERC        | Peat deposit           | GU-17449                    |
| 107 | 5205 +/- 35 BP  | 4230 BC - 3960 BC | Timber Hall (Neolithic)        | WARREN FIELD, CRATHES, AB'SHIRE (Post 3)                 | NO79NW0013         | SUERC-4044   | Charcoal - oak         |                             |
| 108 | 5200 +/- 35 BP  | 4230 BC - 3950 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 5)                  | NO79NW0012         | SUERC-12251  | Charcoal - oak         |                             |
| 109 | 5170 +/- 35 BP  | 4050 BC - 3810 BC | Pit-Alignment (Lunar Calendar) | WARREN FIELD, CRATHES, AB'SHIRE (Pit 5)                  | NO79NW0012         | SUERC-12261  | Charcoal - oak         |                             |
| 110 | 5160 +/- 100 BP | 4240 BC - 3710 BC | Timber Hall (Neolithic)        | BALBRIDIE, AB'SHIRE (destruction level BB77 F7/C6)       | NO79NW0014         | GU-1038      | Charcoal - oak         |                             |
| 111 | 5111 +/- 28 BP  | 3970 BC - 3810 BC | Pit                            | BLACKDOG, AB'SHIRE (Pit 12-0034)                         |                    | SUERC-58599  | Charcoal - oak         |                             |
| 112 | 5031 +/- 100 BP | 4040 BC - 3640 BC | Buried Landsurface             | BOGHEAD, MORAY (Bottom of hollow M)                      | NJ35NE0001         | SRR-685      | Charcoal - oak         |                             |
| 113 | 5015 +/- 125 BP | 4230 BC - 3520 BC | Timber Hall (Neolithic)        | BALBRIDIE, AB'SHIRE (destruction level of a timber hall) | NO79NW0014         | GU-1831      | Charcoal - oak         |                             |
| 114 | 5111 +/- 29 BP  | 3930 BC - 3710 BC | Pit                            | BLACKDOG, AB'SHIRE (Pit 12-0001)                         |                    | SUERC-68122  | Charcoal - hazel       |                             |
| 115 | 4946 +/- 175 BP | 4230 BC - 3360 BC | Pit                            | BOGHEAD, MORAY (infill of central pit)                   | NJ35NE0001         | SRR-683      | Charcoal - oak         |                             |