Sturt W. Manning, Supporting Online Material (2013) to:

"A New Radiocarbon Chronology for Prehistoric and Protohistoric Cyprus, ca. 11000–1050 Cal BC" by Sturt W. Manning

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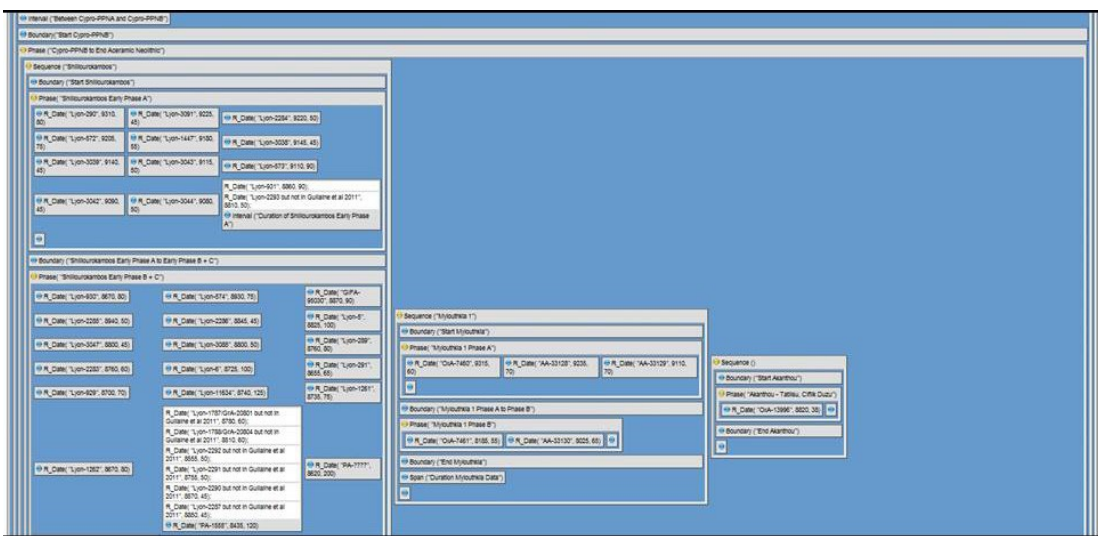
The Supporting Online Material (SOM) provides details and additional materials to support the Appendix cited (hereafter the 'Appendix' in this document). The Supporting Online Material should be read in conjunction with the Appendix. The SOM was finished 5 December 2011 and – with one exception – has not been further updated since then. The exception is a 'Postscript' to section 9. below of 21 July 2012 with a revised assessment of the Cypro-PPNA period in light of the new radiocarbon dates on 10 charcoal samples published from the site of Klimonas by Vigne et al. (2012). This SOM is a static one-time document to support the Appendix. It comprises:

1. **TABLE S1**: OxCal run file for Model 1 in the Appendix. This model employs all data in the Sub-Appendix (table of radiocarbon dates from prehistoric Cyprus) except (i) *Shillourokambos* data in Guilaine and Briois (2006) but *not* in the final publication (Guilaine et al. 2011) – note these data are listed and noted in the Run File in Sub-Appendix 2 but are excluded from the analysis because of the // annotation at the start of the relevant lines of code (all other exclusions are denoted by the // annotation); (ii) three obviously post-Neolithic dates from *Ais Giorkis* (Beta-213416, Beta-213418, and Beta-220597), and (iii) the dates identified as extreme-looking outliers in Figure 2 of the Appendix (see the Appendix), except two with very large measurement errors which I have treated as having mitigating circumstances for Model 1 (which seeks to include as much data as possible). The 11 data excluded are: AA-79921 and A-79920 (Late Epipalaeolithic), P-2549 (Early Aceramic Neolithic), GU-521, OxA-6276 and OxA-20926 (Ceramic Neolithic), BM-1835R and BM-2280 (Early-Middle Chalcolithic), GU-2966 (Late Chalcolithic), P-2980 (Prehistoric Bronze Age, based on Hurst and Lawn 1984: 214) and OxA-9972 (Protohistoric Bronze Age). This leaves 327 'data' included (note: R_Combine elements, of which there are four in the Model, count as 1 datum each in this count – the number of individual radiocarbon dates employed is 340). Model 1 runs successfully but offers poor overall OxCal agreement values of (typically) Amodel 2.5 and Aoverall of 4.3 — this is because there are a several individual dates with very low agreement values (note: every run of such a model produces slightly different outcomes: typical values based on several runs are stated in this study.) Models 2-8 progressively offer better overall agreement values (as various outliers are pruned away). An outlier model (Bronk Ramsey 2009b) was not employed as it was not possible to then get the model to successfully run (i.e. the model failed to converge and complete before it timed out – even over several days) – hence the more iterative and subjective approach adopted in the Appendix (see Appendix for general description of the models).



Screen plot: example of the OxCal model description (from Model 8) in the chronological model view of OxCal, showing the beginning of the Cypro-PPNB (or Early Aceramic Neolithic = EAN) overall Phase and then (on the left) the beginning of the ordered site Sequence for Shillourokambos (Early Phase A and then Early Phase B+C...[rest not shown here]) and, to the right, two other Cypro-PPNB site Phases – first Mylouthkia (with its own Sequence of Period 1 and then Period 2) and then Akanthou – Tatlisu (Ciflik Duzu) = Arkosyko with its single dated Phase. Both Mylouthkia and Akanthou can overlap as they wish with Shillourokambos (and the other EAN or Cypro-PPNB data). The dates in grey boxes are active in the model – the data in white boxes are those excluded by a // instruction (see example run file in Table S1 and discussion in the Appendix over samples included/excluded for Model 8 – part of which is shown here).

This model adopts a basic (i.e. simple) approach to the data, mainly grouping all the material from a given site, or the archaeologically-defined phases/periods within a site sequence, into an OxCal Phase or Phases. Where there is a stratigraphically defined sequence at a site (Phase A, then B, etc.), then a set of such phases are set out within an OxCal Sequence. OxCal Boundaries define the periods of time between, e.g., the phases. The Interval command is used to calculate the period of time occupied by some of the phases. In some cases, a sequence of contiguous phases is assumed, for example where there is a stratigraphic sequence (Phase A, Phase B, etc.) at a site, whereas, at other times, the various site phases within an overall archaeological period are allowed to overlap. For an example, see the screen plot shown above.

The aim was an overall ten millennia approximate chronology for Cyprus with the goal of defining the main archaeological periods, and not a refined study focussing on any particular site or specific time horizon. Longer-lived and shorter/short-lived materials have *not* been divided into separate groups in most cases (but were, for example, for the Maroni *Tsaroukkas* Late Cypriot sequence; and for the Apliki *Karamallos* dataset where there is *terminus post quem* set by a dendro-^{14}C-wiggle match on a charcoal sample, and then separate phases for the data on samples of basket material, and then seed material: see further in Manning and Kuniholm 2007). The data within each of the phase elements are assumed to be uniformly distributed (whereas some more sophisticated modelling, following Bronk Ramsey 2009a, could have been attempted in several cases). Much more refinement is possible, but, as noted, the aim of this study was to achieve a relatively robust approximate overall chronology – it is not a study directed towards any specific question(s). The Start and End Boundaries for the various Phases set date range respectively 'from/after' and then 'before/to' for the Phases they demarcate. The Model 1 run file is:

```
Options()
 {
  Curve="IntCal09.14c";
  Resolution=5;
  kIterations=300;
 };
 Plot( )
 {
  R_Combine ("Apliki Basket Date")
  {
   R_Date ("AA-33440", 2990, 55);
   R_Date ("AA-33441", 2960, 60);
   R_Date ("AA-33442", 3015, 55);
   R_Date ("AA-33443", 3050, 55);
   R_Date ("AA-33444", 2955, 55);
  };
  R_Combine ("Apliki Cereals Date")
  {
   R_Date ("AA-33450", 2990, 45);
   R_Date ("AA-33451", 2960, 45);
   R_Date ("AA-33452", 2930, 60);
   R_Date ("AA-33452A", 2945, 50);
   R_Date ("AA-33453", 2960, 50);
   R_Date ("AA-33454", 2955, 65);
  };
  Page ();
```

```
Sequence ("Prehistoric Cyprus Model 1")
{
 Boundary( "Start Epipalaeolithic");
 Phase( "Epipalaeolithic - Akrotiri Aetokremnos charcoal + recently measured bone fractions")
 {
  R_Date("AA79923 bone (sus)-degraded collagen", 10045, 69);
  //R_Date("AA79921 bone (sus)-apatite", 9055, 52);
  R_Date("AA79922 bone (sus)-apatite", 9842, 54);
  //R_Date("AA79920 bone (sus)-apatite", 8588, 50);
  R_Date( "Beta-41405", 10190, 230);
  R_Date( "Beta-41000/ETH-7188", 10420, 85);
  R_Date( "Beta-41407", 10480, 300);
  R_Date( "Beta-41406/ETH-7331", 10485, 80);
  R_Date( "Beta-41408/ETH-7332", 10575, 80);
  R_Date( "Beta-41002/ETH-7189", 10770, 90);
  R_Date( "Beta-40655", 10840, 270);
  R_Date( "Beta-40380", 11720, 240);
  R_Date( "OxA-15989", 10225, 50);
  Interval ("Duration Epipalaeolithic charcoal & recent bone");
 };
 Boundary("End Epipalaeolithic");
 Interval ("Between Aetokremnos and Asprokremnos");
 Boundary("Start Cypro-PPNA");
 Phase( "Cypro-PPNA or Initial Aceramic Neolithic - Ayia Varvara Asprokremnos")
 {
  R_Date( "Hd-27170", 9465, 46);
  R_Date( "Hd-27180", 9477, 43);
  R_Date( "Hd-27217", 9525, 49);
  R_Date( "Hd-27227", 9452, 25);
  R_Date( "Hd-27228", 9432, 49);
  R_Date( "Hd-27242", 9497, 46);
  Interval( "Duration of Cypro-PPNA");
 };
 Boundary ("End Cypro-PPNA");
 Interval ("Between Cypro-PPNA and Cypro-PPNB");
 Boundary("Start Early Aceramic Neolithic or EAN or Cypro-PPNB");
 Phase ("Cypro-PPNB to End Aceramic Neolithic")
 {
  Sequence ("Shillourokambos")
  {
   Boundary ("Start Shillourokambos");
   Phase( "Shillourokambos Early Phase A")
   {
    R_Date( "Lyon-290", 9310, 80);
    R_Date( "Lyon-3091", 9225, 45);
    R_Date( "Lyon-2284", 9220, 50);
    R_Date( "Lyon-572", 9205, 75);
    R_Date( "Lyon-1447", 9180, 55);
    R_Date( "Lyon-3038", 9145, 45);
    R_Date( "Lyon-3039", 9140, 45);
    R_Date( "Lyon-3043", 9115, 50);
    R_Date( "Lyon-573", 9110, 90);
    R_Date( "Lyon-3042", 9090, 45);
    R_Date( "Lyon-3044", 9080, 50);
    R_Date( "Lyon-931", 8860, 90);
    //R_Date( "Lyon-2293 but not in Guilaine et al 2011", 8810, 50);
```

NOTE: the spelling Asprokremmos is also used in the Appendix text and some Tables and Figures (and some other literature). The same site is indicated.

```
  Interval ("Duration of Shillourokambos Early Phase A");
 };
 Boundary ("Shillourokambos Early Phase A to Early Phase B + C");
 Phase( "Shillourokambos Early Phase B + C")
 {
  R_Date( "Lyon-930", 8670, 80);
  R_Date( "Lyon-574", 8930, 75);
  R_Date( "GIFA-95030", 8870, 90);
  R_Date( "Lyon-2285", 8940, 50);
  R_Date( "Lyon-2286", 8845, 45);
  R_Date( "Lyon-5", 8825, 100);
  R_Date( "Lyon-3047", 8800, 45);
  R_Date( "Lyon-3085", 8800, 50);
  R_Date( "Lyon-289", 8760, 80);
  R_Date( "Lyon-2283", 8760, 60);
  R_Date( "Lyon-6", 8725, 100);
  R_Date( "Lyon-291", 8655, 65);
  R_Date( "Lyon-929", 8700, 70);
  R_Date( "Lyon-11634", 8740, 125);
  R_Date( "Lyon-1261", 8735, 75);
  R_Date( "Lyon-1262", 8670, 80);
  //R_Date( "Lyon-1787/GrA-20801 but not in Guilaine et al 2011", 8780, 60);
  //R_Date( "Lyon-1788/GrA-20804 but not in Guilaine et al 2011", 8510, 60);
  //R_Date( "Lyon-2292 but not in Guilaine et al 2011", 8555, 50);
  //R_Date( "Lyon-2291 but not in Guilaine et al 2011", 8755, 50);
  //R_Date( "Lyon-2290 but not in Guilaine et al 2011", 8570, 45);
  //R_Date( "Lyon-2287 but not in Guilaine et al 2011", 8850, 45);
  R_Date( "PA-1555", 8435, 120);
  R_Date( "PA-????", 8620, 200);
  Interval ("Duration of Shillourokambos Early Phase B + C");
 };
 Boundary ();
 Phase ("Shillourokambos Middle")
 {
  //R_Date("Lyon-928 but not in Guilaine et al 2011",8495,80);
  R_Date("GIF A-95034",8390,90);
  R_Date("GIF A-95033",8340,100);
  R_Date("GIF A-95032",8230,90);
  Interval ("Duration of Shillourokambos Middle");
 };
 Boundary ();
 Phase ("Shillourokambos Late")
 {
  R_Date("Lyon-292",8125,70);
 };
 Span ("Duration of Shillourokambos");
 Boundary ("End Shillourokambos");
};
Sequence ("Mylouthkia 1")
{
 Boundary ("Start Mylouthkia");
 Phase( "Mylouthkia 1 Phase A")
 {
  R_Date( "OxA-7460", 9315, 60);
  R_Date( "AA-33128", 9235, 70);
  R_Date( "AA-33129", 9110, 70);
```

```
   };
   Boundary ("Mylouthkia 1 Phase A to Phase B");
   Phase( "Mylouthkia 1 Phase B")
   {
    R_Date( "OxA-7461", 8185, 55);
    R_Date( "AA-33130", 8025, 65);
   };
   Boundary ("End Mylouthkia");
   Span ("Duration Mylouthkia Data");
  };
  Sequence ()
  {
   Boundary ("Start Akanthou");
   Phase( "Akanthou - Tatlisu, Ciflik Duzu = Arkosyko ")
   {
    R_Date( "OxA-13996", 8820, 38);
   };
   Boundary ("End Akanthou");
  };
  Sequence ()
  {
   Boundary ("Start Nissi Beach");
   Phase( "Nissi Beach - Marine Shell Dates -400yrs delta R approx. adjustment")
   {
    R_Date( "GrA-36019 adjusted -400 14C yrs", 8540, 40);
    R_Date( "OxA-X-2232-27 adjusted -400 14C yrs", 8522, 39);
   };
   Boundary ("End Nissi Beach");
  };
  Sequence ()
  {
   Boundary ("Start Site 23");
   Phase ("Akrotiri Vounarouthkia ton Lamion East - Site 23 - Marine Shell -400yrs delta R approx. adjustment ")
   {
    R_Date ("UCLA-307 adjusted -400 14C yrs", 7950, 250);
   };
   Boundary ("End Site 23");
  };
  Sequence ()
  {
   Boundary ("Start Ais Yiorkis");[1]
   Phase( "Ais Yiorkis")
   {
    R_Date( "DRI-3441 bone", 7867, 106);
    R_Date( "DRI-3442 bone", 7540, 169);
    R_Date( "DRI-3443 bone", 7658, 105);
    R_Date( "CAMS-94861 bone", 8290, 35);
    R_Date( "Beta-183649 charred material", 8480, 40);
    R_Date( "Beta-183650 charred material", 8600, 40);
    R_Date( "Beta-183651 charred material", 8580, 40);
    R_Date( "Beta-203857 charcoal", 8530, 40);
```

[1] Note: The spelling for the site with a 'G' – thus Ais Giorkos – is employed in the final text of the book – but the 'Y' Ais Yiorkis) spelling was used when Models 1-8 were written and run, and I have not retrospectively modified. Readers should treat the two as interchangeable. This footnote (magenta number 1 superscript above) is *not* part of the OxCal run file.

```
  R_Date( "Beta-213412 charred seeds", 8510, 50);
  R_Date( "Beta-213413 charred material", 6840, 40);
  R_Date( "Beta-213414 charred material", 8590, 50);
  R_Date( "Beta-213415 charred seeds", 8450, 60);
  //R_Date( "Beta-213416", 1580, 50);
  R_Date( "Beta-213417 charred material", 8720, 60);
  //R_Date( "Beta-213418", 1610, 40);
  //R_Date( "Beta-220597", 1600, 40);
  R_Date( "Beta-220596 charred material", 8620, 40);
  R_Date( "Beta-220598 organic sediment", 8190, 60);
  R_Date( "Beta-243928 charcoal", 8390, 50);
  R_Date( "Beta-256039 charred einkorn seed", 8470, 50);
  R_Date( "Beta-256040 charred barley seed", 8440, 60);
  R_Date( "Beta-256041 charred einkorn seed", 8430, 50);
  Interval ("Duration of Ais Yorkis Data");
 };
 Boundary ("End Ais Yiorkis");
};
Sequence ()
{
 Boundary ("Start Kissonerga Mosphilia Cypro-PPNB");
 Phase ("Kissonerga Mosphilia Cypro-PPNB")
 {
  R_Date("AA-10495 charcoal", 7255, 60);
 };
 Boundary ("End Kissonerga Mosphilia Cypro-PPNB");
};
Sequence ()
{
 Boundary ("Start Kalavasos Tenta");
 Phase ("Kalavasos Tenta")
 {
  R_Date("P-2972 charcoal", 9240 , 130 );
  R_Date("P-2976 charcoal", 8870 , 500 );
  R_Date("P-2785 charcoal", 8720 , 400 );
  R_Date("P-2554 charcoal", 8480 , 110 );
  R_Date("P-2548 charcoal", 8350 , 200 );
  R_Date("P-2974 charcoal", 8020 , 90 );
  R_Date("P-2973 charcoal", 8010 , 360 );
  R_Date("P-2782 charcoal", 7600 , 100 );
  R_Date("P-2555 charcoal", 7430 , 90 );
  R_Date("P-2978 charcoal", 7400 , 260 );
  R_Date("P-2784 charcoal", 7380 , 100 );
  R_Date("P-2552 charcoal", 7250 , 100 );
  R_Date("P-2550 charcoal", 7180 , 90 );
  R_Date("P-2551 charcoal", 7140 , 90 );
  R_Date("P-2783 charcoal", 7130 , 410 );
  R_Date("P-2779 charcoal", 7120 , 90 );
  R_Date("P-2553 charcoal", 7110 , 90 );
  R_Date("P-2975 charcoal", 6970 , 310 );
  R_Date("P-2977 charcoal", 6580 , 290 );
  R_Date("P-2781 charcoal", 6300 , 80 );
  //R_Date("P-2549 charcoal", 5630 , 260 );
  Interval ("Duration of Tenta data");
 };
 Boundary ("End Kalavasos Tenta");
```

```
};
Sequence ()
{
 Boundary ("Start Dhali Agridhi");
 Phase ("Dhali Agridhi")
 {
  R_Date("P-2775",7990,80 );
  R_Date("P-2768",7400,60 );
  R_Date("GX-2848A",7290, 465 );
 };
 Boundary ("End Dhali Agridhi");
};
Sequence ()
{
 Boundary ("Start Khirokitia");
 Phase ("Khirokitia Vouni")
 {
  R_Date("St-415",7655,160 );
  R_Date("St-414",7515,125 );
  R_Date("St-416",7445,160 );
  R_Date("BM-852",7294,78 );
  R_Date("BM-853",7451,81 );
  R_Date("BM-854",7442,61 );
  R_Date("BM-855",7308,74 );
  R_Date("Ly 3716 charcoal",7000, 150 );
  R_Date("Ly 4787 bone",7070 ,610 );
  R_Date("Ly 3718 charcoal",7930, 320 );
  R_Date("Ly 4786 bone",6590 ,260 );
  R_Date("Ly 4306 charcoal",6310, 170 );
  R_Date("Ly 4308 charcoal",7470, 140 );
  R_Date("Ly 4307 charcoal",7930, 130 );
  R_Date("Ly 4785 bone",8850,650 );
  R_Date("Ly 4309 charcoal",6230, 160 );
  R_Date("Ly 3717 charcoal",7700, 150 );
  R_Date("Ly 3719 charcoal",7540, 180 );
  Interval ("Duration of Khirokitia Data");
 };
 Boundary ("End Khirokitia");
};
Sequence ()
{
 Boundary ("Start Cape Andreas Kastros");
 Phase ("Cape Andreas Kastros")
 {
  R_Date("MC 803 charcoal", 6140 , 200 );
  R_Date("MC 807 charcoal", 7450 , 120 );
  R_Date("MC 805 charcoal", 7775 , 125 );
  R_Date("Unknown A from Held 1992", 6760 , 140 );
  R_Date("Unknown B from Held 1992", 6275 , 105 );
 };
 Boundary ("End Cape Andreas Kastros");
};
Sequence ()
{
 Boundary ("Start Kholetria Ortos");
 Phase ("Kholetria Ortos")
```

```
   {
    R_Date("Beta-56889 bone ", 6450 , 230 );
   };
   Boundary ("End Kholetria Ortos");
  };
  Sequence ()
  {
   Boundary ("Start Kalavasos Vasiliko");
   Phase ("Kalavasos Vasiliko")
   {
    R_Date("OxA-805",6330,100);
   };
   Boundary ("End Kalavasos Vasiliko");
  };
  Interval( "Duration of Cypro-PPNB to End Aceramic Neolithic Dates");
  Span ("Duration of Cypro-PPNB to End Aceramic Neolithic");
 };
 Boundary ("End Aceramic Neolithic");
 Boundary ("Start Ceramic Neolithic");
 Phase ("Cypriot Ceramic Neolithic")
 {
  Sequence ("Dhali Agridhi")
  {
   Boundary ();
   Phase ()
   {
    R_Date("GX-2847A charred bone", 6415 , 310 );
    R_Date("P-2769 charred bone", 5700 , 100 );
   };
   Boundary ();
  };
  Sequence ("Paralimni Nissia")
  {
   Boundary ();
   Phase ()
   {
    R_Date("OxA-11561 charred residue from bone", 5345 ,40);
   };
   Boundary ();
  };
  Sequence ("Ayios Epiktitos Vrysi")
  {
   Boundary ("Start Ayios Epiktitos Vrysi");
   Phase ()
   {
    R_Date("BM-847 charcoal", 5389 , 53 );
    R_Date("BM-846 charcoal", 5372 , 92 );
    R_Date("BM-845 charcoal", 5360 , 57 );
    R_Date("Birm-182 charcoal", 5825 , 145 );
    R_Date("Birm-337 charcoal", 5740 , 140 );
    R_Date("GU-522 charcoal", 5420 , 80 );
    R_Date("BM-843 charcoal", 5355 , 67 );
    R_Date("GU-523 charcoal", 5340 , 95 );
    R_Date("BM-848 charcoal", 5330 , 57 );
    R_Date("BM-844 charcoal", 5275 , 47 );
    R_Date("GU-524 charcoal", 5255 , 120 );
```

```
  R_Date("GU-1459 charcoal", 5210 , 85 );
  R_Date("BM-1908R charcoal", 5360 , 110 );
  //R_Date("GU-521 charcoal", 3105 , 130 );
  R_Date("BM-849 charcoal", 5224 , 78 );
  R_Date("BM-1907R charcoal", 5290 , 100 );
  R_Date("MB-1906R charcoal", 5360 , 120 );
  Interval( "Duration of Ayios Epiktitos Vrysi");
 };
 Boundary ("End Ayios Epiktitos Vrysi");
};
Sequence ("Kandou Kofovounos")
{
 Boundary ("Start Kandou Kofovounos");
 Phase ()
 {
  R_Date("OxA-6175 charcoal", 6270 , 60 );
  R_Date("OxA-6174 charcoal", 5445 , 60 );
  //R_Date("OxA-6276 bone", 3540 , 55 );
  R_Date("LTL 824A charcoal", 5358 , 60 );
  R_Date("LTL 827A charcoal ", 5406 , 60 );
  R_Date("LTL 829A seed", 5322 , 40 );
  R_Date("LTL 831A charcoal+seed", 5429 , 50 );
  R_Date("LTL 832A charcoal", 5407 , 60 );
  R_Date("LTL 1053A charcoal", 5135 , 60 );
  Interval( "Duration of Kandou Kofovounos");
 };
 Boundary ("End Kandou Kofovounos");
};
Sequence ("Sotira Teppes")
{
 Boundary ("Start Sotira Teppes");
 Phase ()
 {
  R_Date("St-337 charcoal ", 5460 , 110 );
  R_Date("St-350 charcoal ", 5150 , 130 );
 };
 Boundary ("End Sotira Teppes");
};
Sequence ("Philia Drakos A")
{
 Boundary ();
 Phase ()
 {
  R_Date("Birm-72 carbon (hearth) ", 5720 , 100 );
 };
 Boundary ();
};
Sequence ("Kalavasos Pamboules")
{
 Boundary ();
 Phase ()
 {
  R_Date("St-419 charcoal ", 5140 , 110);
 };
 Boundary ();
};
```

```
 Sequence ("Kalavasos Kokkinoyia")
 {
  Boundary();
  Phase ()
  {
   R_Date("Wk-26434 pistachio charcoal", 5349 , 30 );
   R_Date("Wk-26435 olive branch", 5488 , 43 );
  };
  Boundary ();
 };
 Sequence ("Pigi Ayios Andronikos")
 {
  Boundary ();
  Phase ()
  {
   //R_Date("OxA-20926 animal bone", 4127 , 31 );
  };
  Boundary ();
 };
 Interval ("Duration of Ceramic Neolithic");
};
Boundary ("End Ceramic Neolithic");
Boundary ("Start Chalcolithic");
Phase ("Early-Middle Chalcolithic")
{
 Sequence ("Mylouthkia")
 {
  Boundary ("Start Mylouthkia Period 2");
  Phase ("Kissonerga Mylouthkia Period 2")
  {
   R_Date("OxA-7464 charcoal",4885,45);
   R_Date("BM-1475 charcoal",4815, 60);
   R_Date("BM-1539 charcoal",4790, 80);
   R_Date("BM-1473 charcoal",4765, 55);
   R_Date("BM-1540 charcoal",4740, 50);
   R_Date("BM-1474 charcoal",4665, 50);
   R_Date("BM-1476 charcoal",4650, 50);
  };
  Boundary ("Mylouthkia Period 2 to 3");
  Phase ("Kissonerga Mylouthkia Period 3")
  {
   R_Date("OxA-7463 Pistacia", 4710 , 50 );
   R_Date("OxA-7462 Pistacia", 4650 , 50 );
  };
  Boundary ("End Mylouthkia Period 3");
 };
 Sequence ("Kalavasos Ayios")
 {
  Boundary ("Start Ayios");
  Phase ()
  {
   //R_Date("BM-1835R charcoal", 11,020 , 130 );
   R_Date("BM-1832R charcoal ", 5040 , 110 );
   R_Date("BM-1834R charcoal ", 5030 , 120 );
   R_Date("BM-1833R charcoal ", 5000 , 170 );
   R_Date("BM-1836R charcoal ", 4700 , 310 );
```

```
  };
  Boundary ("End Ayios");
 };
 Sequence ("Kalavasos Tenta")
 {
  Boundary ();
  Phase ("Kalavasos Tenta")
  {
   R_Date("P-2780 carbon ", 5460 , 110 );
  };
  Boundary ();
 };
 Sequence ("Kissonerga Mosphilia")
 {
  Boundary ("Start Kissonerga Mosphilia Period 2");
  Phase ("Period 2")
  {
   R_Date("GU-3397 charcoal", 5320 , 90 );
   R_Date("OxA-2965 Gramineae", 5100 , 80 );
   R_Date("OxA-2964 charcoal", 4860 , 80 );
  };
  Boundary ("Mosphilia 2 to 3A");
  Phase ("Period 3A")
  {
   R_Date("GU-2967 charcoal", 5540 , 110 );
   R_Date("AA-10497 Vitis Vinifera", 4605 , 55 );
   R_Date("AA-10496 Lens - 3A?", 4285 , 60 );
  };
  Boundary ("Mosphilia 3A to 3B");
  Phase ("Period 3B")
  {
   R_Date("BM-2526 Pinus", 4690 , 70 );
   R_Date("BM-2228 Pinus, Olea",4600 , 60 );
   R_Date("OxA-2963 charcoal",4520 , 80 );
   R_Date("BM-2568 Pinus", 4490 , 50 );
   R_Date("OxA-2962 Lens/Gramineae",4370 , 70 );
   R_Date("OxA-2961 seed", 4310 , 75 );
   R_Date("OxA-2162 Morus", 4300 , 80 );
   R_Date("OxA-2161 Morus", 4290 , 80 );
   R_Date("GU-2968 charcoal",4240 , 100 );
   R_Date("GU-2168 Pinus", 4210 , 105 );
   R_Date("GU-2426 Morus", 3880 , 100 );
  };
  Boundary ();
  Phase ("Period 3 or 4")
  {
   R_Date("GU-2357 charcoal", 4020 , 110 );
   R_Date("GU-2536 Pistacia (similar to)", 4170, 80 );
  };
  Boundary ("End Mosphilia Period 3 or 4");
 };
 Sequence ("Lemba Lakkous")
 {
  Boundary ("Start Lemba Lakkous Period 1");
  Phase ("Period 1")
  {
```

```
   R_Date("BM-1543 charcoal",5000,260);
   //R_Date("BM-2280 charcoal",5710,100);
   R_Date("HAR-6173 charcoal",4280,100);
  };
  Boundary ("Lakkous Period 1 to 2");
  Phase ("Period 2")
  {
   R_Date("BM-2278 charcoal", 3930 , 100 );
  };
  Boundary ("End Lemba Lakkous Period 2");
 };
 Sequence ("Politiko Kokkinorotsos - Late Middle Chal. - between Mosphilia MChal. and LChal.")
 {
  Boundary ("Start Politiko Kokkinorotsos");
  Phase ("Politiko Kokkinorotsos")
  {
   R_Date("OZK-137 barley seed",4210,60);
   R_Date("OZK-138 barley seed",4090,60);
   R_Date("OZK-139 barley seed",4190,70);
   R_Date("OZK-140 barley seed",4220,60);
   R_Date("OZK-141 wheat seed",4180,70);
   R_Date("OZK-142 wheat seed",4210,60);
   R_Date("OZK-143 cereal grain",4090,60);
   R_Date("OZK-144 cereal grain",4180,70);
   R_Date("OZK-145 cereal grain",4200,60);
   R_Date("OZK-147 cereal grain",4260,60);
   R_Date("OZK-148 olive pit",4170, 60);
   R_Date("WK-18983 charcoal",4151, 38);
  };
  Span ("Politiko Kokkinorotsos");
  Boundary ("End Politiko Kokkinorotsos");
 };
 Interval( "Duration of Early to Middle Chalcolithic");
};
Boundary ("End Middle Chalcolithic");
Boundary ("Start Late Chalcolithic");
Phase ("Late Chalcolithic")
{
 Sequence ("Kissonerga Mosphilia Period 4")
 {
  Boundary ("Start Mosphilia Period 4");
  Phase ()
  {
   //R_Date("GU-2966 Pistacia",5620 , 60 );
   R_Date("GU-2155 charcoal",4250 , 170 );
   R_Date("GU-2158 Pinus", 4220 , 75 );
   R_Date("OxA-2960 Gramineae",4220 , 70 );
   R_Date("BM-2279R charcoal",4180 , 130 );
   R_Date("BM-2529 Morus", 4160,50 );
   R_Date("BM-2527 Morus", 4130 ,50 );
   R_Date("GU-2535 Pistacia/Pinus",4070, 130 );
   R_Date("BM-2530 Morus", 3960 , 80 );
   R_Date("GU-2157 Morus",3900,50 );
  };
  Boundary ("End Mosphilia Period 4");
 };
```

```
 Sequence ("Lemba Lakkous Period 3")
 {
  Boundary ("Start Lemba Lakkous Period 3");
  Phase ()
  {
   R_Date("BM-1353 charcoal", 3890 , 50 );
   R_Date("BM-1354 charcoal", 3970 , 45 );
   R_Date("BM-1541 charcoal", 4000 , 45 );
   R_Date("BM-1541A charcoal", 4050 , 50 );
   R_Date("BM-1542 charcoal", 4090 , 90 );
  };
  Boundary ("End Lemba Lakkous Period 3");
 };
 Span( "Duration of Late Chalcolithic");
};
Boundary ("End Late Chalcolithic");
Boundary ("Start Prehistoric Bronze Age");
Phase ("Prehistoric Bronze Age")
{
 Phase ("Kissonerga Mosphilia Period 5 = Philia")
 {
  R_Date("GU-2167 Morus", 3990 , 50 );
 };
 //R_Date ("P-2980 Kalavasos Village-Panayia Church charcoal EC-MC or unknown?", 4330, 80);
 Sequence ("Margi Alonia")
 {
  Boundary ("Start Margi");          **NOTE: see SOM 13. Postscript regarding Chalcolithic to MC Cyprus p.144 below**
  Phase ("A-1 and B - Philia")
  {
   R_Date("Beta 138629 seed", 3780 , 30 );
   R_Date("Beta 138630 seed", 3780 , 30 );
   R_Date("Beta 100553 seed", 3810 , 50 );
  };
  Boundary ();
  Phase ("Gamma - Philia-ECI-II")
  {
   R_Date("OZA 279U2 wheat seeds", 3645 , 95 );
   R_Date("OZB 160 wheat seed", 3675 , 118 );
   R_Date("OZB 163 wheat seed", 3834 , 42 );
   R_Date("OZB 161 wheat seed", 3888 , 42 );
   R_Date("OZB 162 wheat seed", 3892, 39);
  };
  Boundary ();
  Phase ("C and C-1 and D-1 - ECI-II")
  {
   R_Date("Wk 166434 seed", 3597 , 39 );
   R_Date("OZA 336 seed", 3650 , 50 );
   R_Date("OZA 337 seed", 3670 , 50 );
   R_Date("OZA 342 seed", 3700 , 40 );
   R_Date("OZA 339 seed", 3720 , 50 );
   R_Date("OZA 338 seed", 3770 , 50 );
   R_Date("OZA 344 seed", 3770 , 50 );
  };
  Boundary ();
  Phase ("E and F-1 - ECIII ")
  {
```

```
  R_Date("OZA 334 seed", 3550 , 50 );
  R_Date("OZA 340 seed", 3740 , 40 );
 };
 Boundary ();
 Phase ("MC")
 {
  Sequence ("MCI to MC with two data seemingly rather late MC")
  {
   Boundary ();
   Phase ("H-1 and I-IV - MCI and MC - Part 1 making into earlier phase of 2 data - arbitrary decision by Sturt")
   {
    R_Date("OZA 345 seed", 3730,50);
    R_Date("OZB 159 wheat seed", 3764,50);
   };
   Boundary ();
  };
  Sequence ("MCI to MC, Part 2, late apparent phase of MC or later - arbitrary decision by Sturt")
  {
   Boundary ();
   Phase ("H-1 and I-IV - MCI and MC - making into later phase")
   {
    R_Date("Beta 50747 charcoal", 3460,90);
    R_Date("Beta 50746 charcoal", 3480,80);
   };
   Boundary ("End Margi");
  };
 };
 Span( "Duration of Margi");
};
Sequence ("Sotira Kaminoudhia")
{
 Boundary ("Start Sotira Kaminoudhia");
 Phase ("Phase I")
 {
  R_Date("OxA 3038 charcoal", 3890 , 90 );
  R_Date("OxA 3309 charcoal", 3780 , 90 );
 };
 Boundary ();
 Phase ("Phase II")
 {
  R_Date("OxA 3310 charcoal", 3780 , 90 );
  R_Date("OxA 3311 charcoal", 3890 , 100 );
  R_Date("OxA 3312 charcoal", 3690 , 100 );
  R_Date("OxA 3544 charcoal", 3840 , 75 );
  R_Date("OxA 3545 charcoal", 3860 , 75 );
  R_Date("OxA 3546 charcoal", 3760 , 75 );
  R_Date("OxA 3547 charcoal", 3860 , 80 );
  R_Date("OxA 3548 charcoal", 3800 , 75 );
 };
 Boundary ("End Sotira Kaminoudhia");
};
Sequence ("Psematismenos Trelloukkas")
{
 Boundary ();
 Phase ()
 {
```

```
    R_Date ("OxA 14952 charcoal", 3709, 35);
   };
   Boundary ();
  };
  Sequence ("Alambra Mouttes")
  {
   Boundary ("Start Alambra Mouttes");
   Phase ("Alambra Mouttes")
   {
    R_Date("Beta 82995 carbon",3970,90);
    R_Date("Beta 82994 carbon",3610,60);
    R_Date("ETH 210 ash",3500,120);
    R_Date("ETH 206 ash",3440,140);
   };
   Boundary ("End Alambra Mouttes");
  };
  Sequence ("Phaneromeni Long-Lived")
  {
   Boundary ("Start Phaneromeni Long-Lived");
   Phase ()
   {
    R_Date ("P-2386 charcoal", 3720, 70);
    R_Date ("P-2387 charcoal", 3620, 60);
    R_Date ("P-2388 charcoal", 3520, 70);
   };
   Boundary ("End Phaneromeni Long-Lived");
  };
  Span( "Duration of Prehistoric Bronze Age");
 };
 Boundary ("End Prehistoric Bronze Age");
 Boundary ("Start Protohistoric Bronze Age");
 Phase ("Protohistoric Bronze Age")
 {
  Sequence ()
  {
   Boundary ("Start Maroni Vournes 1a Long-Lived LCIA");
   Phase ("Long-Lived - Maroni Vournes Phase Ia - LCIA")
   {
    R_Date("KN-4641 charcoal", 3189, 53);
    R_Date("KN-4642 charcoal", 3494, 38);
    R_Date("KN-4643 charcoal", 3284, 76);
   };
   Boundary ("End Maroni Vournes 1a Long-Lived LCIA");
  };
  Sequence ("Phorades - data on charcoal")
  {
   Boundary ("Start Phorades");
   Phase ("Stray old or recycled wood")
   {
    //R_Date ("OxA-9972", 4160, 90);
   };
   Boundary ();
   Phase ("Likely older tree-rings or wood but deposited/used Phase III?")
   {
    R_Date ("OxA-9932", 3585, 60);
    R_Date ("OxA-9817", 3402, 34);
```

```
 };
 Boundary ();
 Phase ("Phorades IIIb")
 {
  R_Date ("OxA-9818", 3315, 36);
  R_Date ("OxA-11789", 3266, 28);
  R_Date ("OxA-8521", 3265, 40);
  R_Date ("OxA-11791", 3247, 33);
  R_Date ("OxA-11790", 3239, 27);
  R_Date ("OxA-11821", 3134, 33);
 };
 Boundary ();
 Phase ("Phorades IV? material")
 {
  R_Date ("OxA-7013", 2865, 75);
  R_Date ("OxA-11788", 2483, 25);
 };
 Interval( "Duration of Phorades Data");
 Boundary ("End Phorades");
};
Sequence ()
{
 Boundary ("Start TPQ for LCIIC Use Data");
 Phase ("TPQ for LCIIC Use Data")
 {
  Sequence ()
  {
   Boundary ();
   Phase ("Kalavasos Ayios Dhimitrios Building X - wood/charcoal - LCIIB/early IIC")
   {
    R_Date("KN 4615 charcoal(long-lived wood)",3243 ,31 );
    R_Date("KN 4616 charcoal(long-lived wood)",3252 ,33 );
    R_Date("KN 4617 charcoal(long-lived wood)",3294 ,33 );
    R_Date("KN 4618 charcoal(long-lived wood)",3295 ,55 );
    R_Date("KN 4619 charcoal(long-lived wood)",3249 ,26 );
    R_Date("KN 4620 charcoal(long-lived wood)",3121 ,30 );
    R_Date("KN 4621 charcoal(long-lived wood)",3172 ,43 );
    R_Date("KN 4622 charcoal(long-lived wood)",3224 ,22 );
    R_Date("KN 4653 charcoal(long-lived wood)",3162 ,37 );
    R_Date("KN 4654 charcoal(long-lived wood)",3102 ,35 );
    R_Date("KN 4726 charcoal(long-lived wood)",3064 ,38 );
    R_Date("KN 4727 charcoal(long-lived wood)",3187 ,37 );
    R_Date("KN 4728 charcoal(long-lived wood)",3206 ,25 );
    R_Date("KN 4729 charcoal(long-lived wood)",3236 ,26 );
    R_Date("KN 4782 charcoal(long-lived wood)",3227 ,23 );
    R_Date("KN 4829 charcoal(long-lived wood)",3144 ,44 );
    R_Date("KN 4651 charcoal", 3269, 26);
   };
   Boundary ("End KAD Building X Long-Lived");
  };
  Sequence ()
  {
   Boundary ("Start KAD Building charcoal from slag");
   Phase ("Kalavasos Ayios Dhimitrios - charcoal from slag - LCIIC")
   {
    R_Date("OxA 120 charcoal from slag",2860,150);
```

```
 };
 Boundary ("End KAD Building charcoal from slag");
 };
 D_Sequence ("Apliki roof")
 {
 First( );
 R_Date ("AA33445 Tree-rings 1001-1010", 3075, 50);
 Gap( 10);
 R_Date ("AA33446 Tree-rings 1011-1020", 3050, 55);
 Gap( 10);
 R_Date ("AA33447 Tree-rings 1021-1030", 3080, 50);
 Gap( 10);
 R_Date ("AA33448 Tree-rings 1031-1040", 3065, 70);
 Gap( 9.5);
 R_Date ("AA33449 Tree-rings 1041-1049", 3070, 55);
 Gap( 12);
 Date ("Minimum Cutting Age Apliki Roof Wood");
 };
 };
 Boundary("End TPQ for LCIIC Use");
};
Phase ("Maroni Tsaroukkas Buildings 1 and 2")
{
 Sequence ("MT Building 1")
 {
 Boundary ("Start MT Building 1 Sequence");
 Phase ("Pre-Building 1 Short-Lived?")
 {
 R_Date("OxA 8351 olive seed",3085,40);
 };
 Boundary ();
 R_Combine ("Building 1 Last Use Short-Lived")
 {
 R_Date("OxA 8265 olive seed", 2960, 35);
 R_Date("OxA 8266 olive seed", 2985, 35);
 R_Date("OxA 8267 olive seed", 2940, 35);
 };
 Boundary ("End Use MT Building 1");
 Before( "Apliki Basket and Cereal Dates")
 {
 Date("=Apliki Basket Date");
 Date("=Apliki Cereals Date");
 };
 };
 Sequence ("MT Building 2")
 {
 Boundary ("Start MT Building 2 Sequence");
 Phase ("Building 2 Phase 11 Long-Lived")
 {
 R_Date ("OxA-8327 charcoal", 3130, 45);
 R_Date ("OxA-8355 charcoal", 3215, 35);
 };
 Boundary ();
 Phase ("Building 2 Phase 10 Long-Lived")
 {
 R_Date("OxA 8353 charcoal",3310,40);
```

```
    R_Date("OxA 8323 charcoal",3055,45);
   };
   Boundary ();
   Phase ("Building 2 Room 1 Phases 9 and 8 Long-Lived")
   {
    R_Date("OxA 8349 charcoal", 3060, 40);
    R_Date("OxA 8348 charcoal", 3090, 40);
    R_Date("OxA 8352 charcoal", 3065, 40);
    R_Date("OxA 8264 charcoal", 3060, 35);
    R_Date("OxA 8325 charcoal", 3030, 40);
   };
   Boundary ("Transition from Long-Lived to Short-Lived Data Phase 9");
   Phase ("Building 2 Room 1 Phase 9 Short-Lived")
   {
    R_Date ("OxA-14950 grape", 3005, 34);
    R_Date ("OxA-14951 olive", 3073, 33);
   };
   Boundary ();
   Phase ("Building 2 Room 2 Phase 5 Long-Lived")
   {
    R_Date("OxA 8321 charcoal", 3020, 45);
    R_Date("OxA 8326 charcoal", 3025, 40);
    R_Date("OxA 8354 charcoal", 3040, 40);
   };
   Boundary();
   Phase ("Building 2 Phase 8 Short-Lived - Last LCIIC Use")
   {
    R_Combine ("Building 2 Phase 8 Short-Lived - Last LCIIC Use")
    {
     R_Date ("OxA 8350 prunus seed", 3080, 40);
     R_Date ("OxA 8324 olive seed", 2930, 40);
     R_Date ("OxA 8322 olive seed", 2935, 45);
    };
   };
   Boundary ("End MT Building 2 Phase 8 - Last LCIIC Use");
   Before( "Apliki Basket and Cereal Dates")
   {
    Date("=Apliki Basket Date");
    Date("=Apliki Cereals Date");
   };
  };
  Sequence ()
  {
   Boundary ();
   Phase ("Post Building 1 Activity perhaps Iron Age")
   {
    R_Date("OxA 8372 charcoal", 2890, 60);
   };
   Boundary ("End Post Building 1 Use");
  };
 };
 Sequence ()
 {
  Boundary ("Start Late LCIIC short-lived Maroni Aspres and Maroni Vournes");
  Phase ("Short-Lived Maroni Aspres and Maroni Vournes LCIIC")
  {
```

```
   R_Date("OxA 8373 grape seed", 3085, 60);
   R_Date("KN 4647 olive seed", 2969, 44);
  };
  Boundary ("End Late LCIIC short-lived Maroni Aspres and Maroni Vournes");
 };
 Sequence ("Apliki Basket and Cereal Samples")
 {
  Boundary ("Start Apliki Basket and Cereal Sequence");
  After( "Minimum Cutting Age Apliki Roof Wood Date")
  {
   Date("=Minimum Cutting Age Apliki Roof Wood");
  };
  Phase ("Apliki Basket combined end LCIIC/start LCIIIA")
  {
   R_Combine ("Apliki Basket")
   {
    R_Date ("AA-33440", 2990, 55);
    R_Date ("AA-33441", 2960, 60);
    R_Date ("AA-33442", 3015, 55);
    R_Date ("AA-33443", 3050, 55);
    R_Date ("AA-33444", 2955, 55);
   };
  };
  Boundary ("Apliki Basket to Cereal samples transition");
  Phase ("Apliki Cereal combined - earlier LCIIIA")
  {
   R_Combine ("Apliki Cereals")
   {
    R_Date ("AA-33450", 2990, 45);
    R_Date ("AA-33451", 2960, 45);
    R_Date ("AA-33452", 2930, 60);
    R_Date ("AA-33452A", 2945, 50);
    R_Date ("AA-33453", 2960, 50);
    R_Date ("AA-33454", 2955, 65);
   };
  };
  Span ("Apliki Basket and Cereal Samples");
  Boundary ("End Apliki Basket and Cereal Sequence");
 };
 Sequence ("Alassa Paleotaverna")
 {
  Boundary ("Start Alassa");
  Phase ("Early LCIIC")
  {
   R_Date("KN 4623 charcoal",3139 ,48);
   R_Date("KN 4624 charcoal",3267 ,38);
  };
  Boundary ();
  Phase ("LCIIIA Final")
  {
   R_Date("KN 4625 charcoal",2942 ,36);
   R_Date("KN 4846 charcoal",2942 ,43);
  };
  Span ("Duration Alassa Dates");
  Boundary ("End Alassa");
 };
```

```
   Span ( "Duration of Protohistoric Bronze Age");
  };
  Span ("Prehistoric Cyprus Sequence");
  Boundary( "End");
 };
};
```

2. TABLE S2: The non-modelled and then modelled calendar age ranges for the radiocarbon dates and the archaeological site/period groupings employed for, and from, Model 1. Analysis with OxCal (Bronk Ramsey 1995; 1998; 2001; 2008; 2009a; 2009b; Bronk Ramsey et al. 2001 – using version 4.17) and IntCal09 (Reimer et al. 2009 – curve resolution 5). The whole (earliest possible and latest possible only) range limits (versus sub-ranges where these exist) are stated for the calibrated age ranges shown. Note: for those samples combined as a weighted average, it is the calibrated age range for the weighted average value that is given.

A note on old-wood adjustment to the ranges for dates on charcoal samples (elaborating the text in the Appendix). A slightly fuller version of the summary statement in the Appendix is:

The majority of the radiocarbon data involved in this study are from charcoal samples. Such samples set a *terminus post quem* date range, with the length of the 'post' depending on how many tree-rings (years of growth) lie either between the tree-rings dated in the charcoal sample (what the radiocarbon date is estimating) and the bark of the relevant tree or branch when cut for use by humans, or between these and when the tree died and the further interval until the wood was collected for use. This is what is often termed the 'old-wood effect' in archaeology (Schiffer 1986; Bowman 1990: 51). In the absence of species identification and specific study of the samples (ring counting where possible), and checking for the presence of bark, it is impossible to assess the relevant 'post' factor. Most occurrences of lower elevation tree species on Cyprus — likely proximate to most of the archaeological sites involved in this study (e.g. lower ranges of *Pinus brutia*) — are usually not very long-lived. This assertion is based on three observations: (a) trees suitable for dendrochronology found today in the coastal to 400 m elevation range are almost all within the 1-200 years old range, with most at the younger end of this range, and with only a few, carefully sought individual examples at the upper range; (b) wood used in traditional buildings in the coastal to 400 m elevation range examined on Cyprus usually falls in the range of ≤50 years old and almost all within a 50±50 years range; and (c) examination of wood samples from several archaeological sites on Cyprus has so far not yielded any examples beyond a 50±50 years range. It is possible some species not suitable for dendrochronology, such as olive, may include old trees, but this is likely relevant only for a small number of samples. Thus we may assume that on average there is some small tendency towards slightly older age estimates where the data come from charcoal, but this is likely of the order on an average basis of 0-100(+) years. In general terms (ignoring variations, and treating trees or branches as round in section), the outer 30% of the circumference of a section from a tree/branch has about 50% of the total area of that section. The allometry of tree growth in terms of the radial growth increments (tree-rings) typically (lots of exceptions of course) leads to ring-widths in the approximate form of a negative exponential curve (bigger rings when a tree starts growing and smaller rings as its gets older) (Fritts 1976:Figs.6.3, 6.13). This tends to mean that in practice the 50%:50% point in a tree/branch section is often some 20%-33% earlier than simple geometry would suggest (e.g. for a 100 ring *Pinus brutia* tree tree if the annual ring widths were uniform then the 50%:50% point would be around ring 70, whereas in practice it is often more likely to be around ring 60 give or take some rings). Thus, if we know a sample is from a branch or small tree trunk, the likely (i.e. mean, 50%:50% point) old-wood offset may well be only 10-20 years give or take and all but inconsequential, and, for random charcoal, where we have to allow for tree trunk material of up to 100 or sometimes to 150 or more years of age (and one might envisage more older trees as available in much of the prehistoric period), then a reasonable likely *maximum* offset of something like 50±50 years might apply.

Reading Table S2

The headings for the columns to Table S2 are given only on Model 1 page 1 of 21. On the left side of the table are the non-modelled calibrated calendar ranges for each individual radiocarbon date (or weighted average of several dates in a few cases) – i.e. this is the individual radiocarbon date (or average date) calibrated with no other constraints applied. The table gives first the 68.2% probability range and then the 95.4% probability range, followed by the mean (μ) ± 1 standard deviation (σ) for the non-modelled calibrated probability distribution. The modelled calendar age ranges then follow on the right side of the table. The modelled calendar ranges reflect the combination of the dating model with the dates (or average date in a few cases) and the calibration curve. The modelled calendar age ranges are listed at 68.2% probability, and 95.4% probability, and finally there is the mean (μ) ± 1 standard deviation (σ) of the modelled calibrated probability distribution. The final column on the right-hand side lists the OxCal Agreement Index value for each date (or weighted average in a few cases). The agreement index compares the final (posterior) distribution (the modelled calendar age probability – the solid dark histogram in Figure S1 below) for each date (or weighted average in a few cases) against the original (light grey in Figure S1) non-modelled distribution. If the former is unaltered the index value is 100%. The value rises above 100% where the final distribution overlaps only with the very highest part of the prior distribution. In contrast, an agreement index below 60% indicates disagreement with the model (and insufficient overlap of the distributions) at about the 5% level of a chi-squared test (and these samples are flagged).

Table follows starting next page...

Name	Unmodelled (BC/AD)								Modelled (BC/AD)								Indices A_{model}=2.3 $A_{overall}$=4.4
	from	to	%	from	to	%	μ	σ	from	to	%	from	to	%	μ	σ	A
									Warning! Poor agreement - A= 4.4%(A'c= 60.0%)								
									Warning! Poor agreement - A= 2.3%(A'c= 60.0%)								
Prehistoric Cyprus MODEL 1																	
Start Epipalaeolithic (i.e. Late Epipalaeolithic)									-11696	-10989	68.2	-12031	-10767	95.4	-11406	340	
Epipalaeolithic - Akrotiri Aetokremnos charcoal + recently measured bone																	
AA79923 bone (sus)-degraded collagen	-9796	-9447	68.2	-10007	-9327	95.4	-9628	162	-9795	-9448	68.2	-10006	-9332	95.4	-9631	161	100.2
AA79922 bone (sus)-apatite	-9332	-9252	68.2	-9441	-9231	95.4	-9312	57	-9362	-9259	68.2	-9646	-9229	95.4	-9333	79	88.6
Beta-41405	-10423	-9452	68.2	-10598	-9293	95.4	-9921	367	-10424	-9456	68.1	-10584	-9312	95.4	-9937	354	101.4
Beta-41000/ETH-7188	-10566	-10186	68.2	-10619	-10096	95.4	-10349	146	-10566	-10186	68.2	-10619	-10096	95.4	-10349	146	100
Beta-41407	-10715	-9875	68.2	-10998	-9356	95.4	-10258	417	-10714	-9877	68.2	-10959	-9381	95.4	-10256	403	101.3
Beta-41406/ETH-7331	-10614	-10272	68.3	-10644	-10166	95.4	-10430	137	-10614	-10272	68.3	-10644	-10166	95.4	-10430	137	100
Beta-41408/ETH-7332	-10650	-10473	68.2	-10726	-10209	95.4	-10539	109	-10650	-10473	68.2	-10726	-10210	95.4	-10539	109	99.9
Beta-41002/ETH-7189	-10788	-10632	68.2	-10938	-10603	95.4	-10738	90	-10785	-10633	68.2	-10934	-10602	95.4	-10735	88	101
Beta-40655	-11152	-10584	68.2	-11351	-10116	95.4	-10778	314	-11110	-10489	68.2	-11301	-10114	95.4	-10739	302	102.1
Beta-40380	-11856	-11387	68.2	-12181	-11163	95.4	-11662	269	-11549	-10811	68.2	-11719	-10720	95.4	-11249	273	54
									Warning! Poor agreement - A= 54.0%(A'c= 60.0%)								
OxA-15989	-10108	-9877	68.2	-10174	-9806	95.4	-9992	104	-10108	-9877	68.2	-10174	-9805	95.4	-9992	104	99.9
Duration Epipalaeolithic charcoal & recent bone									1818	2584	68.2	1496	2983	95.4	2236	386	
End Epipalaeolithic									-9332	-9057	68.2	-9413	-8822	95.4	-9170	149	
Between Aetokremnos and Asprokremmos									247	538	68.2	8	601	95.4	367	153	
Start Cypro-PPNA = Initial Aceramic Neolithic									-8821	-8756	68.2	-8902	-8734	95.4	-8803	49	
Cypro-PPNA - Ayia Varvara Asprokremmos																	
Hd-27170	-8815	-8645	68.2	-9119	-8624	95.4	-8789	124	-8789	-8739	68.2	-8820	-8705	95.4	-8762	29	142.6
Hd-27180	-9103	-8656	68.3	-9119	-8633	95.3	-8818	131	-8790	-8741	68.2	-8821	-8709	95.4	-8765	29	149.2
Hd-27217	-9119	-8763	68.2	-9141	-8724	95.4	-8932	130	-8796	-8746	68.2	-8840	-8715	95.4	-8775	34	94.7
Hd-27227	-8778	-8659	68.2	-8807	-8639	95.4	-8735	48	-8782	-8737	68.2	-8804	-8711	95.4	-8757	24	112.6

Hd-27228	-8766	-8638	68.2	-9107	-8569	95.3	-8725	92	-8786	-8735	68.2	-8815	-8694	95.4	-8756	29	103.8
Hd-27242	-9116	-8727	68.2	-9126	-8640	95.4	-8878	140	-8793	-8743	68.2	-8831	-8711	95.4	-8769	31	139.3
Duration of Cypro-PPNA									0	89	68.2	0	216	95.4	75	71	
End Cypro-PPNA									-8769	-8708	68.2	-8791	-8641	95.4	-8728	37	
Between Cypro-PPNA and Cypro-PPNB									0	141	68.2	0	254	95.4	109	75	
Start Cypro-PPNB = Early Aceramic Neolithic (EAN)									-8717	-8559	68.2	-8756	-8466	95.4	-8619	77	
Cypro-PPNB to End Aceramic Neolithic																	
Shillourokambos																	
Start Shillourokambos									-8477	-8346	68.2	-8556	-8311	95.4	-8428	66	
Shillourokambos Early Phase A																	
Lyon-290	-8703	-8356	68.2	-8751	-8318	95.4	-8550	120	-8400	-8302	68.2	-8496	-8291	95.4	-8374	57	59.3
									Warning! Poor agreement - A= 59.3%(A'c= 60.0%)								
Lyon-3091	-8538	-8346	68.2	-8563	-8304	95.4	-8438	74	-8392	-8304	68.2	-8473	-8295	95.4	-8369	50	95.6
Lyon-2284	-8536	-8339	68.2	-8566	-8299	95.4	-8435	77	-8392	-8301	68.2	-8474	-8292	95.4	-8367	51	99.4
Lyon-572	-8535	-8309	68.2	-8611	-8286	95.4	-8436	92	-8389	-8293	68.2	-8477	-8277	95.4	-8359	54	107.4
Lyon-1447	-8453	-8301	68.2	-8548	-8287	95.4	-8404	74	-8383	-8294	68.2	-8461	-8282	95.4	-8355	50	111.1
Lyon-3038	-8429	-8287	68.2	-8531	-8277	95.4	-8367	62	-8385	-8284	68.2	-8443	-8277	95.4	-8341	46	115.4
Lyon-3039	-8426	-8284	68.2	-8531	-8274	95.4	-8362	62	-8353	-8282	68.2	-8440	-8276	95.4	-8338	46	115.6
Lyon-3043	-8424	-8271	68.2	-8465	-8246	95.4	-8341	63	-8343	-8275	68.2	-8431	-8252	95.4	-8323	46	115.7
Lyon-573	-8453	-8248	68.2	-8611	-8001	95.4	-8353	118	-8376	-8257	68.2	-8456	-8232	95.4	-8329	58	127.1
Lyon-3042	-8315	-8254	68.2	-8435	-8236	95.4	-8304	48	-8317	-8266	68.2	-8420	-8241	95.4	-8300	37	107.3
Lyon-3044	-8312	-8247	68.2	-8438	-8227	95.4	-8298	53	-8312	-8258	68.2	-8420	-8233	95.4	-8297	38	107.2
Lyon-931	-8210	-7841	68.2	-8257	-7684	95.4	-7992	156	-8294	-8219	68.2	-8331	-8146	95.4	-8249	45	46.6
									Warning! Poor agreement - A= 46.6%(A'c= 60.0%)								
Duration of Shillourokambos Early Phase A									78	288	68.2	12	414	95.4	207	106	
Shillourokambos Early Phase A to Early Phase B + C									-8284	-8195	68.2	-8307	-8103	95.4	-8221	54	
Shillourokambos Early Phase B + C																	
Lyon-930	-7787	-7590	68.2	-7964	-7550	95.4	-7734	121	-7787	-7594	68.2	-7966	-7573	95.4	-7740	118	99.6
Lyon-574	-8246	-7971	68.2	-8283	-7827	95.4	-8080	123	-8210	-7963	68.2	-8251	-7820	95.4	-8051	114	99.8
GIFA-95030	-8223	-7847	68.2	-8272	-7725	95.4	-8003	154	-8184	-7839	68.1	-8239	-7717	95.4	-7984	146	101.1
Lyon-2285	-8246	-7987	68.2	-8270	-7962	95.4	-8110	96	-8224	-7975	68.2	-8249	-7957	95.4	-8083	88	98.3
Lyon-2286	-8185	-7834	68.2	-8210	-7761	95.4	-8003	127	-8173	-7832	68.2	-8206	-7761	95.4	-7994	124	99.8

Lyon-5	-8197	-7755	68.2	-8236	-7615	95.4	-7948	169	-8166	-7753	68.2	-8218	-7648	95.4	-7934	160	101.8
Lyon-3047	-7960	-7755	68.2	-8201	-7684	95.4	-7899	123	-7959	-7756	68.2	-8185	-7684	95.4	-7895	119	101
Lyon-3085	-8158	-7750	68.2	-8203	-7681	95.4	-7904	131	-7963	-7751	68.2	-8197	-7681	95.4	-7899	127	101.1
Lyon-289	-7955	-7656	68.2	-8201	-7599	95.3	-7854	156	-7955	-7665	68.2	-8181	-7600	95.4	-7851	150	101.4
Lyon-2283	-7947	-7684	68.2	-8171	-7601	95.4	-7832	133	-7946	-7686	68.2	-8170	-7603	95.4	-7831	129	101
Lyon-6	-7938	-7604	68.2	-8202	-7585	95.4	-7829	165	-7938	-7612	68.2	-8182	-7588	95.4	-7828	157	101.5
Lyon-291	-7727	-7594	68.2	-7938	-7576	95.4	-7694	87	-7735	-7597	68.2	-7938	-7579	95.4	-7700	87	98.5
Lyon-929	-7811	-7599	68.2	-7963	-7585	95.4	-7753	119	-7813	-7602	68.2	-7963	-7587	95.4	-7756	117	99.8
Lyon-11634	-7963	-7600	68.2	-8211	-7586	95.4	-7865	182	-7958	-7612	68.2	-8186	-7592	95.4	-7860	170	102.7
Lyon-1261	-7937	-7610	68.3	-8181	-7591	95.4	-7810	143	-7938	-7636	68.3	-8171	-7593	95.4	-7810	139	100.8
Lyon-1262	-7787	-7590	68.2	-7964	-7550	95.4	-7734	121	-7787	-7594	68.2	-7966	-7573	95.4	-7740	118	99.6
PA-1555	-7588	-7354	68.2	-7717	-7143	95.4	-7453	137	-7710	-7515	68.3	-7937	-7455	95.4	-7627	107	75.4
PA-????	-8166	-7485	68.2	-8271	-7195	95.4	-7753	263	-7957	-7578	68.2	-8197	-7537	95.4	-7826	187	112.1
Duration of Shillourokambos Early Phase B + C									601	772	68.2	487	857	95.4	677	90	
									-7610	-7483	68.2	-7676	-7408	95.4	-7544	65	
Shillourokambos Middle																	
GIF A-95034	-7544	-7352	68.2	-7588	-7188	95.4	-7423	105	-7519	-7369	68.2	-7580	-7283	95.4	-7431	77	110.2
GIF A-95033	-7527	-7201	68.2	-7577	-7090	95.4	-7367	121	-7511	-7351	68.2	-7558	-7208	95.4	-7410	84	115.3
GIF A-95032	-7422	-7083	68.2	-7485	-7061	95.4	-7263	123	-7482	-7305	68.2	-7522	-7187	95.4	-7372	90	87.4
Duration of Shillourokambos Middle									123	404	68.2	0	498	95.4	269	134	
									-7392	-7164	68.2	-7475	-7074	95.4	-7275	109	
Shillourokambos Late																	
Lyon-292	-7292	-7046	68.2	-7345	-6829	95.4	-7130	118	-7292	-7051	68.2	-7351	-6845	95.4	-7150	106	101.4
Duration of Shillourokambos									1130	1621	68.2	1003	2375	95.4	1518	368	
End Shillourokambos									-7289	-6841	68.2	-7419	-6068	95.4	-6910	358	
Mylouthkia 1																	
Start Mylouthkia									-8611	-8427	68.2	-8674	-8352	95.4	-8515	85	
Mylouthkia 1 Phase A																	
OxA-7460	-8696	-8469	68.2	-8735	-8347	95.4	-8559	95	-8517	-8345	68.2	-8599	-8317	95.4	-8452	78	69.7
AA-33128	-8548	-8345	68.2	-8624	-8297	95.4	-8459	94	-8484	-8331	68.2	-8558	-8298	95.4	-8424	72	107.5
AA-33129	-8430	-8253	68.2	-8543	-8229	95.4	-8351	86	-8455	-8284	68.2	-8540	-8249	95.4	-8382	78	90
Mylouthkia 1 Phase A to Phase B									-8468	-8161	68.2	-8541	-7307	95.3	-8190	288	
Mylouthkia 1 Phase B																	

OxA-7461	-7293	-7081	68.1	-7346	-7060	95.4	-7201	86	-7292	-7081	68.2	-7345	-7060	95.4	-7199	85	100.2
AA-33130	-7063	-6828	68.2	-7132	-6696	95.4	-6930	111	-7070	-6836	68.2	-7172	-6702	95.4	-6954	111	100.2
End Mylouthkia									-7038	-6229	68.2	-7096	-5359	95.4	-6426	478	
Duration Mylouthkia Data									1478	2332	68.2	1366	3154	95.4	2089	485	
Start Akanthou									-8358	-7880	68.2	-8612	-7811	95.4	-8185	223	
Akanthou - Tatlisu, Ciflik Duzu																	
OxA-13996	-8165	-7792	68.2	-8201	-7748	95.4	-7941	123	-8163	-7789	68.2	-8186	-7746	95.5	-7929	119	101.2
End Akanthou									-8151	-6989	68.2	-8171	-5215	95.3	-7198	793	
Start Nissi Beach									-7643	-7551	68.2	-8032	-7532	95.4	-7659	159	
Nissi Beach - Marine Shell Dates -400yrs delta R approx. adjustment																	
GrA-36019 adjusted -400 14C yrs	-7592	-7551	68.2	-7601	-7528	95.4	-7570	20	-7590	-7552	68.2	-7598	-7535	95.4	-7569	18	103.1
OxA-X-2232-27 adjusted -400 14C yrs	-7586	-7547	68.2	-7596	-7525	95.4	-7563	19	-7587	-7553	68.2	-7595	-7531	95.4	-7565	17	104.6
End Nissi Beach									-7586	-7490	68.2	-7598	-7017	95.4	-7452	267	
Start Site 23									-8485	-6913	68.2	-8636	-6659	95.4	-7611	573	
Akrotiri Vounarouthkia ton Lamion East - Site 23 - Marine Shell -400yrs delta R approx. adjustment																	
UCLA-307 adjusted -400 14C yrs	-7178	-6533	68.2	-7517	-6404	95.4	-6910	297	-7176	-6572	68.2	-7512	-6412	95.4	-6907	291	100.9
End Site 23									-6884	-5231	68.2	-7180	-5115	95.4	-6178	594	
Start Ais Yiorkis									-7855	-7660	68.2	-8071	-7620	95.4	-7806	128	
Ais Yiorkis																	
DRI-3441 bone	-7022	-6599	68.3	-7047	-6506	95.4	-6778	152	-7022	-6599	68.2	-7046	-6507	95.4	-6778	152	99.9
DRI-3442 bone	-6588	-6230	68.2	-6770	-6030	95.4	-6404	184	-6571	-6230	68.2	-6768	-6031	95.4	-6404	184	100
DRI-3443 bone	-6607	-6427	68.2	-6746	-6252	95.4	-6521	109	-6608	-6427	68.2	-6746	-6251	95.4	-6521	109	99.9
CAMS-94861 bone	-7455	-7307	68.2	-7478	-7189	95.4	-7354	77	-7455	-7306	68.2	-7477	-7189	95.4	-7354	77	99.8
Beta-183649 charred material	-7576	-7530	68.2	-7587	-7498	95.4	-7546	25	-7576	-7530	68.2	-7587	-7498	95.4	-7546	25	99.8
Beta-183650 charred material	-7648	-7578	68.2	-7722	-7554	95.4	-7617	39	-7645	-7578	68.2	-7714	-7552	95.4	-7615	37	101.4
Beta-183651 charred material	-7609	-7570	68.2	-7678	-7538	95.4	-7597	32	-7609	-7570	68.2	-7673	-7538	95.4	-7596	31	99.6
Beta-203857 charcoal	-7589	-7548	68.2	-7597	-7529	95.4	-7565	20	-7589	-7549	68.2	-7598	-7528	95.4	-7565	20	99.5
Beta-213412 charred seeds	-7586	-7536	68.2	-7599	-7499	95.4	-7556	27	-7586	-7536	68.2	-7599	-7500	95.4	-7556	27	99.8

Beta-213413 charred material	-5746	-5670	68.2	-5809	-5642	95.4	-5722	41	-5779	-5681	68.2	-5841	-5662	95.4	-5743	48	88.1
Beta-213414 charred material	-7652	-7571	68.2	-7722	-7541	95.4	-7616	48	-7650	-7571	68.2	-7714	-7539	95.4	-7612	44	102.5
Beta-213415 charred seeds	-7576	-7490	68.2	-7592	-7359	95.4	-7511	57	-7576	-7490	68.2	-7592	-7359	95.4	-7511	57	99.9
Beta-213417 charred material	-7816	-7608	68.2	-7956	-7596	95.4	-7764	114	-7722	-7603	68.2	-7838	-7589	95.4	-7692	71	113.6
Beta-220596 charred material	-7656	-7584	68.2	-7726	-7580	95.4	-7636	43	-7651	-7586	68.2	-7720	-7579	95.4	-7632	39	103.4
Beta-220598 organic sediment	-7298	-7082	68.2	-7447	-7058	95.3	-7210	91	-7298	-7082	68.2	-7446	-7058	95.4	-7210	91	99.9
Beta-243928 charcoal	-7533	-7371	68.2	-7570	-7342	95.4	-7457	63	-7533	-7371	68.2	-7569	-7342	95.4	-7457	63	99.8
Beta-256039 charred einkorn seed	-7578	-7519	68.2	-7593	-7470	95.4	-7535	37	-7578	-7519	68.2	-7593	-7470	95.4	-7535	37	99.8
Beta-256040 charred barley seed	-7576	-7481	68.2	-7589	-7356	95.3	-7501	60	-7576	-7481	68.2	-7589	-7357	95.4	-7501	60	99.9
Beta-256041 charred einkorn seed	-7569	-7480	68.2	-7584	-7359	95.4	-7501	54	-7568	-7480	68.2	-7584	-7359	95.4	-7501	54	99.9
Duration of Ais Yorkis Data									1958	2261	68.2	1864	2539	95.4	2161	178	
End Ais Yiorkis									-5766	-5583	68.2	-5835	-5397	95.4	-5645	111	
Start Kissonerga Mosphilia Cypro-PPNB									-6962	-6043	68.2	-8494	-6026	95.2	-6788	704	
Kissonerga Mosphilia Cypro-PPNB																	
AA-10495 charcoal	-6211	-6062	68.2	-6231	-6016	95.4	-6130	63	-6212	-6063	68.2	-6231	-6017	95.4	-6131	63	100
End Kissonerga Mosphilia Cypro-PPNB									-6191	-5645	68.2	-6208	-5200	95.4	-5794	297	
Start Kalavasos Tenta									-8591	-8330	68.2	-8695	-8036	95.4	-8423	160	
Kalavasos Tenta																	
P-2972 charcoal	-8608	-8306	68.2	-9108	-8224	95.4	-8502	170	-8471	-8250	68.2	-8606	-7845	95.4	-8311	161	88.6
P-2976 charcoal	-8746	-7378	68.2	-9453	-6686	95.4	-8135	683	-8333	-7492	68.2	-8535	-6829	95.5	-7773	435	113.5
P-2785 charcoal	-8342	-7336	68.2	-9120	-6819	95.4	-7894	526	-8270	-7386	68.2	-8487	-6833	95.4	-7739	406	109.8
P-2554 charcoal	-7604	-7361	68.2	-7751	-7189	95.4	-7511	126	-7604	-7362	68.2	-7751	-7189	95.4	-7511	126	99.9
P-2548 charcoal	-7581	-7142	68.2	-7937	-6772	95.4	-7354	254	-7581	-7143	68.2	-7936	-6771	95.5	-7352	252	100.1
P-2974 charcoal	-7070	-6776	68.2	-7181	-6651	95.4	-6929	141	-7069	-6777	68.2	-7182	-6652	95.4	-6929	141	100
P-2973 charcoal	-7448	-6531	68.2	-7937	-6107	95.4	-7001	421	-7448	-6531	68.2	-7835	-6106	95.4	-6997	415	100.3
P-2782 charcoal	-6589	-6383	68.2	-6639	-6250	95.4	-6457	102	-6588	-6384	68.2	-6638	-6250	95.4	-6456	102	99.9
P-2555 charcoal	-6404	-6227	68.2	-6446	-6092	95.4	-6294	93	-6404	-6227	68.2	-6446	-6093	95.4	-6294	93	100
P-2978 charcoal	-6504	-6001	68.2	-7000	-5735	95.3	-6294	274	-6502	-6001	68.2	-6997	-5737	95.4	-6294	274	100
P-2784 charcoal	-6379	-6106	68.2	-6432	-6061	95.4	-6248	105	-6380	-6106	68.1	-6431	-6061	95.4	-6248	104	100
P-2552 charcoal	-6219	-6031	68.2	-6368	-5924	95.4	-6134	101	-6219	-6032	68.2	-6368	-5923	95.4	-6134	101	100
P-2550 charcoal	-6207	-5984	68.2	-6236	-5881	95.4	-6064	96	-6207	-5984	68.2	-6236	-5881	95.4	-6064	96	99.9

P-2551 charcoal	-6089	-5901	68.2	-6221	-5841	95.4	-6017	97	-6089	-5901	68.2	-6221	-5841	95.4	-6017	97	99.9
P-2783 charcoal	-6420	-5645	68.2	-7038	-5317	95.4	-6084	421	-6412	-5661	68.2	-7026	-5363	95.4	-6103	403	101.8
P-2779 charcoal	-6070	-5896	68.2	-6213	-5811	95.4	-5993	96	-6070	-5896	68.2	-6213	-5811	95.4	-5993	96	100
P-2553 charcoal	-6066	-5892	68.2	-6211	-5790	95.4	-5981	95	-6066	-5892	68.2	-6210	-5791	95.4	-5981	95	100
P-2975 charcoal	-6208	-5573	68.2	-6463	-5324	95.4	-5898	291	-6208	-5617	68.2	-6446	-5375	95.4	-5909	279	101.4
P-2977 charcoal	-5787	-5221	68.2	-6062	-4851	95.4	-5501	292	-5750	-5327	68.2	-6046	-5217	95.4	-5608	219	111.5
P-2781 charcoal	-5462	-5083	68.2	-5470	-5061	95.4	-5267	103	-5469	-5276	68.2	-5476	-5217	95.4	-5350	78	93.5
Duration of Tenta data									3028	3373	68.2	2734	3520	95.4	3164	192	
End Kalavasos Tenta									-5351	-5166	68.2	-5448	-5092	95.4	-5259	91	
Start Dhali Agridhi									-7384	-6717	68.2	-8356	-6662	95.4	-7262	454	
Dhali Agridhi																	
P-2775	-7049	-6779	68.2	-7081	-6651	95.4	-6893	121	-6943	-6690	68.2	-7063	-6647	95.4	-6848	121	95.1
P-2768	-6368	-6227	68.2	-6414	-6098	95.4	-6280	77	-6376	-6231	68.2	-6425	-6105	95.5	-6294	73	101.9
GX-2848A	-6645	-5676	68.2	-7352	-5366	95.4	-6277	500	-6732	-6059	68.2	-7126	-5712	95.4	-6418	346	107.7
End Dhali Agridhi									-6341	-5768	68.2	-6372	-5248	95.4	-5916	321	
Start Khirokitia									-7030	-6660	68.2	-7336	-6545	95.4	-6903	213	
Khirokitia Vouni																	
St-415	-6686	-6269	68.2	-7029	-6223	95.4	-6544	193	-6656	-6276	68.2	-6904	-6109	95.3	-6507	162	107
St-414	-6468	-6238	68.2	-6598	-6095	95.4	-6364	125	-6467	-6240	68.2	-6597	-6096	95.4	-6363	123	100.3
St-416	-6455	-6105	68.2	-6601	-6010	95.4	-6303	155	-6455	-6106	68.2	-6596	-6015	95.4	-6301	151	100.6
BM-852	-6227	-6074	68.2	-6361	-6015	95.4	-6165	84	-6227	-6074	68.2	-6361	-6015	95.4	-6164	84	100
BM-853	-6398	-6244	68.2	-6460	-6101	95.3	-6314	82	-6399	-6244	68.2	-6460	-6101	95.4	-6314	82	100
BM-854	-6380	-6250	68.2	-6440	-6125	95.4	-6316	65	-6380	-6250	68.2	-6440	-6125	95.4	-6316	65	99.9
BM-855	-6232	-6078	68.2	-6363	-6027	95.4	-6175	83	-6232	-6079	68.2	-6363	-6027	95.4	-6175	83	100
Ly 3716 charcoal	-6006	-5739	68.2	-6208	-5631	95.4	-5888	138	-6005	-5739	68.2	-6208	-5632	95.4	-5888	138	100
Ly 4787 bone	-6645	-5365	68.2	-7504	-4795	95.4	-6093	676	-6431	-5560	68.2	-6824	-5305	95.4	-6049	410	119.5
Ly 3718 charcoal	-7284	-6471	68.2	-7597	-6119	95.4	-6906	370	-6837	-6399	68.2	-7059	-6093	95.4	-6605	234	100.5
Ly 4786 bone	-5777	-5230	68.2	-6020	-4964	95.4	-5516	259	-5746	-5366	68.2	-6006	-5251	95.4	-5608	196	110.6
Ly 4306 charcoal	-5471	-5070	68.2	-5613	-4848	95.4	-5243	185	-5519	-5298	68.2	-5635	-5204	95.4	-5420	110	96.8
Ly 4308 charcoal	-6466	-6126	68.2	-6592	-6062	95.4	-6323	137	-6467	-6124	68.2	-6591	-6064	95.4	-6321	134	100.3
Ly 4307 charcoal	-7033	-6682	68.2	-7175	-6500	95.4	-6847	173	-6832	-6511	68.2	-7007	-6467	95.4	-6718	140	92.6
Ly 4785 bone	-9117	-7178	68.2	-10032	-6496	95.4	-8189	891	-6893	-6421	68.2	-7197	-6051	95.4	-6636	271	34.8

Warning! Poor agreement - A= 34.8%(A'c= 60.0%)

Ly 4309 charcoal	-5365	-4993	68.2	-5485	-4795	95.4	-5163	181	-5481	-5279	68.2	-5619	-5192	95.4	-5393	105	75.2
Ly 3717 charcoal	-6748	-6395	68.2	-7030	-6254	95.4	-6597	185	-6679	-6416	68.2	-6908	-6233	95.4	-6552	152	108.7
Ly 3719 charcoal	-6591	-6228	68.2	-6823	-6019	95.4	-6409	198	-6570	-6229	68.2	-6736	-6025	95.4	-6391	177	103.3
Duration of Khirokitia Data									1327	1802	68.2	1148	2133	95.4	1610	254	
End Khirokitia									-5400	-5188	68.2	-5497	-5087	95.4	-5293	104	
Start Cape Andreas Kastros									-7125	-6499	68.2	-8013	-6395	95.4	-6991	431	
Cape Andreas Kastros																	
MC 803 charcoal	-5305	-4845	68.2	-5483	-4610	95.4	-5064	225	-5471	-5236	68.2	-5610	-5124	95.4	-5343	114	76.4
MC 807 charcoal	-6440	-6219	68.2	-6557	-6059	95.4	-6304	116	-6439	-6219	68.2	-6505	-6059	95.4	-6303	115	100.3
MC 805 charcoal	-6772	-6463	68.2	-7032	-6433	95.4	-6675	165	-6687	-6450	68.2	-7017	-6380	95.4	-6606	145	105.7
Unknown A from Held 1992	-5787	-5538	68.2	-5980	-5474	95.4	-5685	125	-5787	-5537	68.2	-5979	-5474	95.4	-5685	125	100
Unknown B from Held 1992	-5363	-5072	68.2	-5473	-4999	95.4	-5227	128	-5466	-5234	68.2	-5481	-5155	95.4	-5327	88	100.6
End Cape Andreas Kastros									-5301	-5131	68.2	-5402	-5042	95.4	-5217	87	
Start Kholetria Ortos									-6748	-5283	68.2	-8606	-5236	95.3	-6413	945	
Kholetria Ortos																	
Beta-56889 bone	-5635	-5081	68.2	-5835	-4849	95.4	-5371	235	-5646	-5320	68.2	-5893	-5198	95.4	-5515	173	105.9
End Kholetria Ortos									-5472	-5155	68.2	-5704	-5048	95.4	-5351	168	
Start Kalavasos Vasiliko									-6297	-5223	68.2	-8482	-5169	95.4	-6116	877	
Kalavasos Vasiliko																	
OxA-805	-5466	-5216	68.1	-5482	-5053	95.4	-5294	117	-5471	-5290	68.2	-5519	-5200	95.4	-5357	85	107.2
End Kalavasos Vasiliko									-5358	-5161	68.2	-5458	-5075	95.4	-5260	98	
Duration of Cypro-PPNB to End Aceramic Neolithic Dates									3382	3600	68.2	3269	3708	95.4	3490	109	
Duration of Cypro-PPNB to End Aceramic Neolithic									3274	3490	68.2	3177	3602	95.4	3387	107	
End Aceramic Neolithic									-5212	-5070	68.2	-5273	-4967	95.4	-5129	75	
Start Ceramic Neolithic									-5168	-5022	68.2	-5214	-4894	95.4	-5079	78	
Cypriot Ceramic Neolithic																	
Dhali Agridhi																	
									-5061	-4704	68.2	-5146	-4539	95.4	-4853	165	

GX-2847A charred bone	-5639	-5008	68.2	-5981	-4692	95.4	-5322	319	-4881	-4548	68.2	-5062	-4450	95.4	-4735	160	33.7
									Warning! Poor agreement - A= 33.7%(A'c= 60.0%)								
P-2769 charred bone	-4685	-4454	68.2	-4770	-4350	95.4	-4556	110	-4707	-4492	68.2	-4791	-4370	95.4	-4596	108	96.8
									-4662	-4261	68.2	-4750	-4029	95.4	-4415	192	
Paralimni Nissia																	
									-4545	-4115	68.2	-4983	-4078	95.4	-4439	252	
OxA-11561 charred residue from bone	-4258	-4069	68.3	-4322	-4050	95.4	-4174	75	-4319	-4121	68.2	-4327	-4071	95.4	-4204	69	98.4
									-4211	-4049	68.2	-4303	-3986	95.4	-4133	79	
Ayios Epiktitos Vrysi																	
Start Ayios Epiktitos Vrysi									-4417	-4241	68.2	-4536	-4099	95.4	-4331	97	
BM-847 charcoal	-4333	-4083	68.2	-4341	-4055	95.4	-4225	82	-4312	-4170	68.2	-4336	-4078	95.4	-4225	65	101.9
BM-846 charcoal	-4330	-4069	68.1	-4361	-3985	95.4	-4194	105	-4297	-4156	68.2	-4339	-4073	95.4	-4213	70	111
BM-845 charcoal	-4323	-4072	68.2	-4330	-4050	95.4	-4190	85	-4311	-4157	68.2	-4325	-4080	95.4	-4208	64	106.8
Birm-182 charcoal	-4842	-4503	68.2	-5031	-4361	95.4	-4702	172	-4395	-4172	68.1	-4473	-4077	95.4	-4290	94	12.3
									Warning! Poor agreement - A= 12.3%(A'c= 60.0%)								
Birm-337 charcoal	-4768	-4450	68.2	-4934	-4337	95.4	-4608	155	-4391	-4171	68.1	-4464	-4076	95.4	-4283	93	23.9
									Warning! Poor agreement - A= 23.9%(A'c= 60.0%)								
GU-522 charcoal	-4353	-4079	68.2	-4446	-4046	95.4	-4243	100	-4319	-4167	68.2	-4351	-4077	95.4	-4231	71	105.2
BM-843 charcoal	-4321	-4066	68.2	-4337	-4005	95.4	-4183	89	-4307	-4121	68.2	-4327	-4078	95.4	-4206	65	107.4
GU-523 charcoal	-4315	-4051	68.2	-4346	-3976	95.4	-4169	106	-4272	-4121	68.2	-4333	-4071	95.4	-4205	68	110.1
BM-848 charcoal	-4241	-4053	68.2	-4327	-4000	95.4	-4161	82	-4261	-4121	68.2	-4321	-4071	95.4	-4194	61	104.5
BM-844 charcoal	-4228	-4000	68.2	-4235	-3984	95.4	-4114	75	-4235	-4135	68.2	-4257	-4057	95.4	-4175	54	97.3
GU-524 charcoal	-4236	-3966	68.2	-4339	-3800	95.4	-4090	140	-4261	-4131	68.2	-4329	-4062	95.4	-4195	67	106.2
GU-1459 charcoal	-4228	-3951	68.2	-4256	-3800	95.4	-4046	119	-4240	-4132	68.2	-4315	-4037	95.4	-4179	60	78
BM-1908R charcoal	-4327	-4054	68.2	-4444	-3965	95.5	-4184	119	-4294	-4150	68.2	-4343	-4068	95.4	-4211	71	113.7
BM-849 charcoal	-4227	-3961	68.2	-4312	-3806	95.4	-4066	108	-4238	-4133	68.2	-4314	-4039	95.4	-4178	60	80.4
BM-1907R charcoal	-4237	-3994	68.2	-4346	-3848	95.4	-4128	114	-4262	-4134	68.2	-4327	-4067	95.4	-4195	66	106.2
MB-1906R charcoal	-4328	-4053	68.2	-4449	-3961	95.4	-4184	129	-4296	-4148	68.2	-4347	-4066	95.4	-4212	72	115.7
Duration of Ayios Epiktitos Vrysi									0	293	68.2	0	460	95.4	216	137	
End Ayios Epiktitos Vrysi									-4188	-4057	68.2	-4232	-3997	95.4	-4115	63	
Kandou Kofovounos																	

Start Kandou Kofovounos									-5137	-4997	68.2	-5170	-4857	95.4	-5044	77	
OxA-6175 charcoal	-5323	-5081	68.2	-5369	-5056	95.4	-5234	83	-5098	-4854	68.2	-5138	-4844	95.4	-5017	74	17.6
									Warning! Poor agreement - A= 17.6%(A'c= 60.0%)								
OxA-6174 charcoal	-4350	-4243	68.2	-4448	-4071	95.4	-4284	75	-4349	-4248	68.2	-4449	-4082	95.4	-4290	67	102.7
LTL 824A charcoal	-4322	-4070	68.2	-4332	-4047	95.4	-4187	86	-4326	-4122	68.2	-4335	-4069	95.4	-4211	75	102.8
LTL 827A charcoal	-4341	-4174	68.2	-4354	-4053	95.4	-4238	83	-4338	-4180	68.2	-4356	-4074	95.4	-4252	73	105.2
LTL 829A seed	-4234	-4058	68.1	-4317	-4042	95.4	-4151	69	-4241	-4111	68.2	-4317	-4053	95.4	-4176	62	98.7
LTL 831A charcoal+seed	-4339	-4246	68.2	-4364	-4071	95.5	-4274	64	-4338	-4254	68.2	-4365	-4080	95.4	-4279	57	102.5
LTL 832A charcoal	-4341	-4174	68.2	-4355	-4053	95.4	-4240	83	-4339	-4181	68.2	-4357	-4074	95.4	-4253	72	105.1
LTL 1053A charcoal	-4034	-3805	68.2	-4052	-3774	95.4	-3919	83	-4230	-4019	68.2	-4234	-3961	95.4	-4129	80	24.8
									Warning! Poor agreement - A= 24.8%(A'c= 60.0%)								
Duration of Kandou Kofovounos									869	1099	68.2	737	1187	95.4	973	113	
End Kandou Kofovounos									-4152	-4009	68.2	-4196	-3936	95.4	-4071	69	
Sotira Teppes																	
Start Sotira Teppes									-4515	-4148	68.2	-4930	-4063	95.4	-4412	222	
St-337 charcoal	-4451	-4082	68.2	-4520	-4004	95.4	-4285	129	-4357	-4120	68.2	-4449	-4055	95.4	-4253	103	103.9
St-350 charcoal	-4224	-3781	68.2	-4312	-3665	95.4	-3968	158	-4321	-4127	68.2	-4341	-4025	95.4	-4196	83	61.4
End Sotira Teppes									-4219	-4045	68.2	-4306	-3965	95.4	-4131	86	
Philia Drakos A																	
									-4939	-4556	68.2	-5115	-4455	95.4	-4767	177	
Birm-72 carbon (hearth)	-4686	-4462	68.2	-4781	-4361	95.4	-4575	110	-4682	-4464	68.2	-4772	-4362	95.4	-4573	106	101.6
									-4584	-4175	68.2	-4699	-4004	95.4	-4365	188	
Kalavasos Pamboules																	
									-4567	-4087	68.2	-5023	-4017	95.4	-4416	271	
St-419 charcoal	-4051	-3781	68.2	-4234	-3704	95.4	-3949	141	-4255	-4097	68.2	-4329	-3994	95.4	-4167	83	52.7
									Warning! Poor agreement - A= 52.7%(A'c= 60.0%)								
									-4205	-4037	68.2	-4261	-3931	95.4	-4108	82	
Kalavasos Kokkinoyia																	
									-4507	-4266	68.2	-4912	-4243	95.4	-4467	185	

Wk-26434 pistachio charcoal	-4309	-4072	68.2	-4322	-4052	95.5	-4178	72	-4322	-4180	68.1	-4330	-4084	95.4	-4238	60	91.4
Wk-26435 olive branch	-4368	-4266	68.2	-4449	-4258	95.4	-4340	49	-4361	-4262	68.2	-4442	-4240	95.4	-4320	46	95.8
									-4266	-4091	68.2	-4318	-4013	95.4	-4170	84	
Pigi Ayios Andronikos																	
									-5094	-4613	68.2	-5154	-4247	95.4	-4760	248	
									-4497	-4027	68.2	-4854	-3948	95.4	-4343	246	
Duration of Ceramic Neolithic									953	1177	68.2	825	1266	95.4	1055	110	
End Ceramic Neolithic									-4106	-3973	68.2	-4136	-3896	95.4	-4024	64	
Start Chalcolithic									-4081	-3906	68.2	-4111	-3867	95.4	-3998	66	
Early-Middle Chalcolithic																	
Mylouthkia																	
Start Mylouthkia Period 2									-3696	-3545	68.2	-3746	-3528	95.4	-3639	61	
Kissonerga Mylouthkia Period 2																	
OxA-7464 charcoal	-3702	-3641	68.2	-3776	-3537	95.4	-3676	47	-3667	-3532	68.2	-3701	-3522	95.4	-3604	55	62.3
BM-1475 charcoal	-3658	-3522	68.2	-3708	-3379	95.4	-3581	77	-3645	-3522	68.2	-3663	-3507	95.4	-3577	45	116.2
BM-1539 charcoal	-3653	-3384	68.1	-3709	-3371	95.4	-3554	95	-3638	-3518	68.2	-3675	-3487	95.4	-3571	49	121.4
BM-1473 charcoal	-3638	-3389	68.2	-3650	-3376	95.4	-3538	78	-3633	-3520	68.2	-3645	-3499	95.4	-3568	43	113.6
BM-1540 charcoal	-3633	-3383	68.2	-3639	-3376	95.4	-3521	81	-3631	-3516	68.2	-3642	-3493	95.4	-3564	46	107.7
BM-1474 charcoal	-3517	-3370	68.2	-3631	-3355	95.4	-3463	75	-3629	-3488	68.2	-3635	-3446	95.4	-3545	56	71.8
BM-1476 charcoal	-3515	-3365	68.2	-3631	-3343	95.4	-3451	77	-3628	-3482	68.2	-3634	-3445	95.4	-3541	57	68.3
Mylouthkia Period 2 to 3									-3541	-3434	68.2	-3620	-3405	95.4	-3501	53	
Kissonerga Mylouthkia Period 3																	
OxA-7463 Pistacia	-3628	-3377	68.2	-3635	-3371	95.4	-3495	82	-3518	-3391	68.2	-3616	-3368	95.4	-3460	55	100.7
OxA-7462 Pistacia	-3515	-3365	68.2	-3631	-3343	95.4	-3451	77	-3517	-3416	68.2	-3616	-3357	95.4	-3458	54	107.3
End Mylouthkia Period 3									-3504	-3354	68.2	-3621	-3174	95.4	-3397	110	
Kalavasos Ayios																	
Start Ayios									-3966	-3782	68.2	-4033	-3706	95.4	-3871	86	
BM-1832R charcoal	-3954	-3713	68.2	-4220	-3635	95.5	-3842	119	-3876	-3705	68.2	-3949	-3653	95.4	-3796	81	108.6
BM-1834R charcoal	-3951	-3710	68.2	-4224	-3535	95.4	-3835	130	-3881	-3702	68.2	-3951	-3649	95.4	-3793	84	112.2
BM-1833R charcoal	-3984	-3637	68.2	-4233	-3378	95.4	-3812	194	-3886	-3695	68.2	-3974	-3545	95.5	-3781	97	126.2
BM-1836R charcoal	-3789	-3022	68.2	-4230	-2636	95.4	-3425	382	-3902	-3677	68.2	-3977	-3463	95.4	-3749	138	95.4
End Ayios									-3864	-3581	68.2	-3949	-3212	95.4	-3646	198	

Kalavasos Tenta																	
									-4056	-3834	68.2	-4086	-3816	95.4	-3957	80	
Kalavasos Tenta																	
P-2780 carbon	-4451	-4082	68.2	-4520	-4004	95.4	-4285	129	-4019	-3807	68.2	-4085	-3787	95.4	-3927	88	9.8
									Warning! Poor agreement - A= 9.8%(A'c= 60.0%)								
									-4039	-3557	68.2	-4071	-2823	95.4	-3649	339	
Kissonerga Mosphilia																	
Start Kissonerga Mosphilia Period 2									-4025	-3851	68.2	-4060	-3826	95.4	-3944	67	
Period 2																	
GU-3397 charcoal	-4257	-4044	68.2	-4334	-3978	95.4	-4154	102	-4008	-3829	68.2	-4026	-3815	95.4	-3921	64	21.7
									Warning! Poor agreement - A= 21.7%(A'c= 60.0%)								
OxA-2965 Gramineae	-3973	-3797	68.2	-4052	-3696	95.4	-3886	95	-3958	-3844	68.2	-3994	-3813	95.4	-3903	50	118.4
OxA-2964 charcoal	-3760	-3527	68.1	-3910	-3378	95.4	-3643	104	-3940	-3859	68.2	-3962	-3816	95.4	-3894	39	10.7
									Warning! Poor agreement - A= 10.7%(A'c= 60.0%)								
Mosphilia 2 to 3A									-3899	-3822	68.2	-3949	-3802	95.4	-3869	39	
Period 3A																	
GU-2967 charcoal	-4503	-4262	68.2	-4681	-4070	95.4	-4388	125	-3852	-3807	68.2	-3884	-3717	95.4	-3832	32	
									Warning! Poor agreement - A= 0.0%(A'c= 60.0%)								
AA-10497 Vitis Vinifera	-3510	-3137	68.1	-3622	-3104	95.5	-3366	125	-3505	-3337	68.2	-3623	-3191	95.4	-3412	86	110.6
AA-10496 Lens - 3A?	-3016	-2873	68.2	-3091	-2679	95.4	-2906	97	-3319	-3243	68.2	-3336	-3218	95.4	-3275	34	2
									Warning! Poor agreement - A= 2.0%(A'c= 60.0%)								
Mosphilia 3A to 3B									-3258	-3169	68.2	-3302	-3137	95.4	-3216	43	
Period 3B																	
BM-2526 Pinus	-3627	-3372	68.1	-3638	-3356	95.4	-3480	94	-3210	-3117	68.2	-3235	-3096	95.4	-3158	39	5.4
									Warning! Poor agreement - A= 5.4%(A'c= 60.0%)								
BM-2228 Pinus, Olea	-3510	-3127	68.2	-3621	-3101	95.4	-3349	131	-3209	-3107	68.2	-3241	-3034	95.4	-3154	44	64.4
OxA-2963 charcoal	-3359	-3099	68.2	-3498	-2930	95.4	-3215	130	-3206	-3030	68.2	-3243	-2929	95.4	-3111	79	97
BM-2568 Pinus	-3336	-3098	68.2	-3359	-3023	95.4	-3197	98	-3192	-3031	68.2	-3256	-2939	95.4	-3123	69	91.5
OxA-2962 Lens/Gramineae	-3091	-2906	68.2	-3331	-2885	95.4	-3046	121	-3087	-2909	68.2	-3186	-2881	95.4	-3010	79	110.7
OxA-2961 seed	-3086	-2875	68.2	-3323	-2676	95.4	-2958	126	-3017	-2884	68.2	-3168	-2786	95.4	-2968	77	114.9
OxA-2162 Morus	-3087	-2765	68.2	-3322	-2635	95.3	-2939	138	-3019	-2878	68.2	-3117	-2779	95.4	-2962	81	117.9
OxA-2161 Morus	-3081	-2714	68.1	-3312	-2626	95.3	-2918	138	-3014	-2876	68.2	-3108	-2773	95.4	-2953	81	118.3
GU-2968 charcoal	-3006	-2634	68.2	-3264	-2496	95.4	-2827	155	-3012	-2838	68.2	-3101	-2761	95.4	-2927	89	102.4
GU-2168 Pinus	-2910	-2630	68.2	-3090	-2488	95.4	-2785	149	-3010	-2808	68.2	-3094	-2764	95.4	-2910	86	93.7

GU-2426 Morus	-2477	-2202	68.2	-2621	-2036	95.4	-2350	147	-2864	-2819	68.2	-2897	-2784	95.4	-2841	28	6.6
									Warning! Poor agreement - A= 6.6%(A'c= 60.0%)								
									-2858	-2784	68.2	-2876	-2721	95.4	-2808	41	
Period 3 or 4																	
GU-2357 charcoal	-2857	-2351	68.2	-2881	-2215	95.3	-2569	170	-2839	-2743	68.2	-2861	-2686	95.4	-2783	47	78.9
GU-2536 Pistacia (similar to)	-2881	-2636	68.2	-2913	-2497	95.4	-2740	105	-2841	-2750	68.2	-2863	-2690	95.4	-2783	46	115
End Mosphilia Period 3 or 4									-2823	-2717	68.2	-2851	-2653	95.4	-2758	53	
Lemba Lakkous																	
Start Lemba Lakkous Period 1									-3849	-2911	68.1	-3991	-2898	95.4	-3402	334	
Period 1																	
BM-1543 charcoal	-4224	-3386	68.3	-4365	-3104	95.4	-3803	305	-3564	-2886	68.2	-3811	-2868	95.4	-3255	282	44
									Warning! Poor agreement - A= 44.0%(A'c= 60.0%)								
HAR-6173 charcoal	-3085	-2680	68.2	-3326	-2580	95.5	-2903	169	-3090	-2872	68.2	-3336	-2836	95.4	-3013	129	103.9
Lakkous Period 1 to 2									-2976	-2811	68.2	-3156	-2688	95.4	-2899	105	
Period 2																	
BM-2278 charcoal	-2571	-2235	68.2	-2855	-2137	95.4	-2423	157	-2875	-2803	68.2	-2888	-2687	95.4	-2812	52	20.9
									Warning! Poor agreement - A= 20.9%(A'c= 60.0%)								
End Lemba Lakkous Period 2									-2839	-2726	68.2	-2868	-2653	95.4	-2771	58	
Politiko Kokkinorotsos - Late Middle Chal. - between Mosphilia MChal. and LChal.																	
Start Politiko Kokkinorotsos									-2896	-2771	68.2	-2921	-2711	95.4	-2826	51	
Politiko Kokkinorotsos																	
OZK-137 barley seed	-2899	-2680	68.1	-2917	-2620	95.4	-2778	86	-2877	-2752	68.2	-2889	-2701	95.4	-2794	48	121.5
OZK-138 barley seed	-2857	-2503	68.2	-2872	-2490	95.4	-2677	109	-2873	-2747	68.2	-2878	-2707	95.4	-2792	48	73.2
OZK-139 barley seed	-2889	-2675	68.2	-2911	-2578	95.4	-2758	95	-2876	-2751	68.2	-2886	-2701	95.4	-2794	48	121.9
OZK-140 barley seed	-2905	-2696	68.3	-2924	-2620	95.4	-2788	88	-2877	-2754	68.2	-2891	-2700	95.4	-2795	49	119.8
OZK-141 wheat seed	-2886	-2671	68.2	-2907	-2577	95.4	-2751	95	-2876	-2750	68.2	-2885	-2701	95.4	-2793	48	119.7
OZK-142 wheat seed	-2899	-2680	68.1	-2917	-2620	95.4	-2778	86	-2877	-2752	68.2	-2889	-2701	95.4	-2794	48	121.5
OZK-143 cereal grain	-2857	-2503	68.2	-2872	-2490	95.4	-2677	109	-2873	-2747	68.2	-2878	-2707	95.4	-2792	48	73.2
OZK-144 cereal grain	-2886	-2671	68.2	-2907	-2577	95.4	-2751	95	-2876	-2750	68.2	-2885	-2701	95.4	-2793	48	119.7
OZK-145 cereal grain	-2893	-2679	68.2	-2910	-2601	95.4	-2770	85	-2877	-2752	68.2	-2887	-2701	95.4	-2794	48	121.7
OZK-147 cereal grain	-3002	-2701	68.2	-3077	-2638	95.4	-2852	99	-2879	-2755	68.2	-2898	-2700	95.4	-2797	50	88.6
OZK-148 olive pit	-2879	-2672	68.2	-2894	-2581	95.4	-2748	88	-2876	-2750	68.2	-2884	-2701	95.4	-2793	48	116

WK-18983 charcoal	-2871	-2667	68.2	-2880	-2620	95.4	-2746	77	-2873	-2751	68.2	-2880	-2701	95.4	-2792	47	103.6
Politiko Kokkinorotsos									0	80	68.2	0	185	95.4	64	57	
End Politiko Kokkinorotsos									-2799	-2700	68.2	-2873	-2667	95.4	-2762	51	
Duration of Early to Middle Chalcolithic									1219	1398	68.2	1130	1462	95.4	1302	86	
End Middle Chalcolithic									-2751	-2649	68.2	-2791	-2602	95.4	-2696	49	
Start Late Chalcolithic									-2696	-2597	68.2	-2767	-2578	95.4	-2656	50	
Late Chalcolithic																	
Kissonerga Mosphilia Period 4																	
Start Mosphilia Period 4									-2665	-2584	68.2	-2731	-2507	95.4	-2635	46	
GU-2155 charcoal	-3090	-2580	68.2	-3369	-2351	95.4	-2874	250	-2637	-2563	68.2	-2680	-2498	95.4	-2595	42	88.9
GU-2158 Pinus	-2907	-2678	68.2	-3011	-2578	95.5	-2787	106	-2642	-2573	68.2	-2703	-2499	95.4	-2608	40	38.9
									Warning! Poor agreement - A= 38.9%(A'c= 60.0%)								
OxA-2960 Gramineae	-2906	-2679	68.2	-3009	-2579	95.4	-2787	100	-2644	-2574	68.2	-2701	-2500	95.4	-2609	40	33.9
									Warning! Poor agreement - A= 33.9%(A'c= 60.0%)								
BM-2279R charcoal	-2901	-2580	68.2	-3265	-2350	95.4	-2758	180	-2636	-2564	68.2	-2680	-2499	95.4	-2595	42	96.4
BM-2529 Morus	-2874	-2674	68.2	-2886	-2587	95.4	-2746	82	-2642	-2575	68.2	-2696	-2500	95.4	-2609	39	50.4
									Warning! Poor agreement - A= 50.4%(A'c= 60.0%)								
BM-2527 Morus	-2864	-2622	68.2	-2878	-2577	95.4	-2722	91	-2636	-2573	68.2	-2694	-2499	95.4	-2605	38	79.9
GU-2535 Pistacia/Pinus	-2866	-2474	68.2	-2917	-2210	95.4	-2627	180	-2631	-2556	68.2	-2676	-2496	95.4	-2589	42	127.9
BM-2530 Morus	-2576	-2341	68.2	-2849	-2203	95.4	-2466	133	-2617	-2546	68.2	-2661	-2490	95.4	-2575	40	90
GU-2157 Morus	-2467	-2309	68.2	-2560	-2206	95.4	-2378	76	-2598	-2535	68.2	-2631	-2454	95.4	-2559	38	16.3
									Warning! Poor agreement - A= 16.3%(A'c= 60.0%)								
End Mosphilia Period 4									-2589	-2514	68.2	-2624	-2437	95.4	-2542	44	
Lemba Lakkous Period 3																	
Start Lemba Lakkous Period 3									-2594	-2532	68.2	-2632	-2481	95.4	-2562	36	
BM-1353 charcoal	-2463	-2307	68.2	-2482	-2205	95.4	-2367	76	-2570	-2524	68.2	-2576	-2445	95.4	-2529	37	23.6
									Warning! Poor agreement - A= 23.6%(A'c= 60.0%)								
BM-1354 charcoal	-2573	-2410	68.2	-2617	-2309	95.4	-2486	74	-2571	-2522	68.2	-2577	-2467	95.4	-2534	31	126.3
BM-1541 charcoal	-2572	-2472	68.2	-2833	-2349	95.4	-2530	69	-2572	-2522	68.2	-2578	-2472	95.4	-2536	30	122.8
BM-1541A charcoal	-2832	-2488	68.3	-2859	-2469	95.4	-2611	104	-2576	-2515	68.2	-2592	-2472	95.4	-2540	31	112.3
BM-1542 charcoal	-2862	-2497	68.1	-2896	-2461	95.4	-2668	129	-2576	-2516	68.2	-2596	-2470	95.4	-2540	33	88.1
End Lemba Lakkous Period 3									-2564	-2468	68.2	-2570	-2431	95.4	-2512	40	

Duration of Late Chalcolithic									36	174	68.2	14	274	95.4	130	71	
End Late Chalcolithic									-2546	-2438	68.2	-2561	-2371	95.4	-2475	53	
Start Prehistoric Bronze Age									-2436	-2318	68.2	-2518	-2294	95.4	-2392	58	
Prehistoric Bronze Age																	
Kissonerga Mosphilia Period 5 = Philia																	
GU-2167 Morus	-2575	-2467	68.2	-2833	-2342	95.4	-2516	81	-2383	-2292	68.2	-2495	-2210	95.5	-2352	58	23.1
									Warning! Poor agreement - A= 23.1%(A'c= 60.0%)								
Margi Alonia																	
Start Margi									-2299	-2251	68.2	-2341	-2161	95.4	-2271	31	
A-1 and B - Philia																	
Beta 138629 seed	-2281	-2142	68.2	-2296	-2059	95.4	-2207	56	-2282	-2247	68.2	-2294	-2212	95.4	-2256	24	104.5
Beta 138630 seed	-2281	-2142	68.2	-2296	-2059	95.4	-2207	56	-2282	-2247	68.2	-2294	-2212	95.4	-2256	24	104.5
Beta 100553 seed	-2340	-2145	68.2	-2461	-2064	95.4	-2263	90	-2284	-2243	68.2	-2304	-2159	95.4	-2257	26	138.6
									-2268	-2220	68.2	-2282	-2208	95.4	-2243	23	
Gamma Philia-ECI-II																	
OZA 279U2 wheat seeds	-2190	-1892	68.2	-2289	-1752	95.4	-2029	136	-2241	-2171	68.2	-2260	-2134	95.4	-2199	33	56.2
									Warning! Poor agreement - A= 56.2%(A'c= 60.0%)								
OZB 160 wheat seed	-2272	-1893	68.2	-2457	-1752	95.4	-2077	169	-2246	-2176	68.2	-2261	-2136	95.4	-2203	32	92.4
OZB 163 wheat seed	-2397	-2204	68.2	-2461	-2149	95.4	-2301	80	-2247	-2203	68.2	-2263	-2145	95.4	-2217	27	111.2
OZB 161 wheat seed	-2461	-2309	68.2	-2474	-2209	95.4	-2369	68	-2247	-2207	68.2	-2261	-2148	95.4	-2223	22	29.4
									Warning! Poor agreement - A= 29.4%(A'c= 60.0%)								
OZB 162 wheat seed	-2462	-2341	68.2	-2474	-2212	95.3	-2375	64	-2246	-2208	68.2	-2260	-2150	95.4	-2224	21	21.2
									Warning! Poor agreement - A= 21.2%(A'c= 60.0%)								
									-2214	-2124	68.2	-2235	-2112	95.4	-2169	34	
C and C-1 and D-1 - ECI-II																	
Wk 166434 seed	-2016	-1899	68.2	-2122	-1784	95.4	-1957	59	-2132	-2108	68.2	-2141	-2091	95.4	-2120	16	12.9
									Warning! Poor agreement - A= 12.9%(A'c= 60.0%)								
OZA 336 seed	-2131	-1946	68.2	-2193	-1893	95.4	-2030	74	-2139	-2107	68.2	-2196	-2089	95.4	-2128	23	86.6
OZA 337 seed	-2136	-1977	68.2	-2199	-1921	95.4	-2055	73	-2141	-2106	68.2	-2196	-2091	95.4	-2130	24	104.5
OZA 342 seed	-2188	-2031	68.2	-2203	-1973	95.4	-2091	61	-2145	-2105	68.2	-2196	-2092	95.4	-2133	25	107.6
OZA 339 seed	-2198	-2036	68.2	-2285	-1965	95.4	-2118	77	-2154	-2105	68.2	-2198	-2094	95.4	-2138	27	115.5
OZA 338 seed	-2287	-2064	68.2	-2400	-2031	95.4	-2195	88	-2167	-2114	68.2	-2206	-2095	95.4	-2144	28	101.5
OZA 344 seed	-2287	-2064	68.2	-2400	-2031	95.4	-2195	88	-2166	-2114	68.2	-2206	-2095	95.4	-2144	28	101.5
									-2125	-2095	68.2	-2138	-2066	95.4	-2108	19	

E and F-1 - ECIII																	
OZA 334 seed	-1956	-1776	68.2	-2024	-1750	95.4	-1885	76	-2117	-2090	68.2	-2134	-2057	95.4	-2101	20	6.1
									Warning! Poor agreement - A= 6.1%(A'c= 60.0%)								
OZA 340 seed	-2203	-2045	68.2	-2285	-2030	95.4	-2143	69	-2120	-2086	68.2	-2134	-2057	95.4	-2100	20	71.8
									-2114	-2078	68.2	-2131	-2046	95.4	-2092	22	
MC																	
MCI to MC with two data seemingly rather late MC																	
									-2093	-2053	68.2	-2117	-1992	95.4	-2070	24	
H-1 and I-IV - MCI and MC - Part 1 making into earlier phase of 2 data - arbitrary decision by Sturt																	
OZA 345 seed	-2201	-2039	68.2	-2289	-1978	95.4	-2132	79	-2080	-2037	68.2	-2101	-1978	95.4	-2053	26	109.5
OZB 159 wheat seed	-2285	-2057	68.2	-2397	-2028	95.4	-2185	87	-2077	-2040	68.2	-2099	-1980	95.4	-2055	24	70.4
									-2076	-2006	68.2	-2091	-1915	95.4	-2022	46	
MCI to MC, Part 2, late apparent phase of MC or later - arbitrary decision by Sturt																	
									-2044	-1912	68.2	-2091	-1861	95.4	-1975	61	
H-1 and I-IV - MCI and MC - making into later phase																	
Beta 50747 charcoal	-1894	-1666	68.2	-2019	-1531	95.5	-1783	117	-2013	-1875	68.2	-2033	-1843	95.4	-1937	53	61.7
Beta 50746 charcoal	-1898	-1691	68.2	-2026	-1612	95.4	-1806	104	-2013	-1876	68.2	-2032	-1844	95.4	-1937	53	65.3
End Margi									-1959	-1850	68.2	-2017	-1822	95.4	-1914	52	
Duration of Margi									302	425	68.2	237	477	95.4	359	61	
Sotira Kaminoudhia																	
Start Sotira Kaminoudhia									-2350	-2240	68.2	-2429	-2205	95.4	-2305	57	
Phase I																	
OxA 3038 charcoal	-2475	-2208	68.2	-2620	-2048	95.4	-2362	133	-2324	-2229	68.2	-2396	-2201	95.4	-2286	49	107.8
OxA 3309 charcoal	-2343	-2041	68.2	-2469	-1973	95.4	-2219	135	-2322	-2228	68.2	-2398	-2199	95.4	-2283	48	114.3
									-2298	-2217	68.2	-2355	-2156	95.4	-2264	44	
Phase II																	
OxA 3310 charcoal	-2343	-2041	68.2	-2469	-1973	95.4	-2219	135	-2284	-2203	68.2	-2327	-2146	95.4	-2239	44	128.2
OxA 3311 charcoal	-2481	-2205	68.2	-2831	-2037	95.3	-2363	149	-2283	-2204	68.2	-2326	-2148	95.4	-2242	43	98.6
OxA 3312 charcoal	-2271	-1937	68.2	-2457	-1777	95.4	-2094	146	-2285	-2201	68.2	-2331	-2143	95.4	-2237	46	75.5

OxA 3544 charcoal	-2457	-2203	68.3	-2488	-2041	95.4	-2301	112	-2282	-2204	68.2	-2324	-2148	95.4	-2242	42	115.3
OxA 3545 charcoal	-2461	-2210	68.2	-2565	-2060	95.4	-2325	110	-2282	-2204	68.2	-2329	-2147	95.4	-2243	42	100.6
OxA 3546 charcoal	-2290	-2039	68.2	-2459	-1977	95.4	-2188	119	-2284	-2202	68.2	-2328	-2144	95.4	-2238	44	115
OxA 3547 charcoal	-2462	-2210	68.2	-2567	-2051	95.3	-2324	116	-2282	-2204	68.2	-2327	-2148	95.4	-2242	42	103.6
OxA 3548 charcoal	-2431	-2135	68.1	-2466	-2035	95.4	-2247	118	-2283	-2203	68.2	-2320	-2146	95.4	-2240	43	131.5
End Sotira Kaminoudhia									-2280	-2186	68.2	-2325	-2108	95.4	-2215	54	
Psematismenos Trelloukkas																	
									-2273	-2070	68.2	-2407	-2034	95.4	-2201	100	
OxA 14952 charcoal	-2190	-2036	68.2	-2203	-1981	95.4	-2101	56	-2141	-2039	68.2	-2203	-1986	95.4	-2103	54	101
									-2116	-1947	68.2	-2184	-1867	95.4	-2024	81	
Alambra Mouttes																	
Start Alambra Mouttes									-2385	-2156	68.2	-2453	-2035	95.4	-2254	110	
Alambra Mouttes																	
Beta 82995 carbon	-2618	-2307	68.3	-2859	-2204	95.4	-2487	150	-2323	-2040	68.2	-2387	-1981	95.4	-2198	103	33.7
									Warning! Poor agreement - A= 33.7%(A'c= 60.0%)								
Beta 82994 carbon	-2112	-1889	68.2	-2141	-1774	95.4	-1976	89	-2131	-1950	68.2	-2191	-1898	95.4	-2032	71	97
ETH 210 ash	-2013	-1684	68.2	-2141	-1524	95.4	-1839	158	-2134	-1938	68.2	-2203	-1872	95.4	-2038	88	64.2
ETH 206 ash	-1935	-1539	68.2	-2135	-1437	95.4	-1772	176	-2134	-1936	68.2	-2206	-1861	95.4	-2038	90	48.1
									Warning! Poor agreement - A= 48.1%(A'c= 60.0%)								
End Alambra Mouttes									-2010	-1868	68.2	-2108	-1827	95.4	-1952	72	
Phaneromeni Long-Lived																	
Start Phaneromeni Long-Lived									-2161	-1971	68.2	-2332	-1929	95.4	-2101	106	
P-2386 charcoal	-2271	-1984	68.2	-2341	-1921	95.4	-2127	106	-2086	-1951	68.2	-2191	-1914	95.4	-2038	72	91.5
P-2387 charcoal	-2116	-1896	68.2	-2195	-1777	95.4	-1990	88	-2042	-1936	68.2	-2132	-1907	95.4	-2009	60	114.5
P-2388 charcoal	-1934	-1751	68.2	-2035	-1668	95.4	-1852	93	-2032	-1927	68.2	-2132	-1876	95.4	-1990	61	53.9
									Warning! Poor agreement - A= 53.9%(A'c= 60.0%)								
End Phaneromeni Long-Lived									-2007	-1894	68.2	-2104	-1835	95.4	-1952	60	
Duration of Prehistoric Bronze Age									379	541	68.2	312	633	95.4	467	80	
End Prehistoric Bronze Age									-1929	-1827	68.2	-1985	-1788	95.4	-1881	49	
Start Protohistoric Bronze Age									-1888	-1795	68.2	-1943	-1752	95.4	-1845	47	
Protohistoric Bronze Age																	

Start Maroni Vournes 1a Long-Lived LCIA									-1845	-1749	68.2	-1889	-1699	95.4	-1795	48	
Long-Lived - Maroni Vournes Phase Ia - LCIA																	
KN-4641 charcoal	-1507	-1415	68.2	-1609	-1323	95.4	-1468	57	-1524	-1421	68.2	-1619	-1390	95.4	-1491	61	92.4
KN-4642 charcoal	-1881	-1769	68.2	-1920	-1695	95.4	-1818	52	-1794	-1694	68.2	-1849	-1686	95.4	-1757	43	77.9
KN-4643 charcoal	-1663	-1461	68.2	-1741	-1420	95.4	-1574	86	-1665	-1497	68.2	-1737	-1434	95.4	-1578	78	102.8
End Maroni Vournes 1a Long-Lived LCIA									-1525	-1217	68.2	-1606	-833	95.4	-1309	201	
Phorades - data on charcoal																	
Start Phorades									-1852	-1754	68.2	-1901	-1706	95.4	-1803	49	
Stray old or recycled wood																	
									-1813	-1705	68.2	-1867	-1684	95.4	-1768	47	
Likely older tree-rings or wood but deposited/used Phase III?																	
OxA-9932	-2031	-1830	68.2	-2131	-1756	95.4	-1939	90	-1794	-1692	68.2	-1833	-1642	95.4	-1744	44	23.6
									Warning! Poor agreement - A= 23.6%(A'c= 60.0%)								
OxA-9817	-1744	-1643	68.2	-1870	-1613	95.4	-1703	52	-1743	-1673	68.2	-1765	-1629	95.4	-1701	36	109.3
									-1699	-1585	68.2	-1734	-1527	95.4	-1633	54	
Phorades IIIb																	
OxA-9818	-1630	-1530	68.2	-1687	-1511	95.4	-1593	49	-1612	-1521	68.2	-1659	-1498	95.4	-1568	41	103.9
OxA-11789	-1606	-1500	68.3	-1618	-1458	95.4	-1546	41	-1602	-1498	68.1	-1614	-1460	95.4	-1540	39	101.9
OxA-8521	-1608	-1498	68.2	-1631	-1441	95.4	-1545	51	-1601	-1496	68.2	-1618	-1450	95.4	-1536	45	103.8
OxA-11791	-1605	-1455	68.2	-1611	-1444	95.4	-1522	47	-1600	-1456	68.2	-1607	-1448	95.4	-1518	43	104.3
OxA-11790	-1529	-1456	68.2	-1607	-1437	95.4	-1507	41	-1529	-1459	68.2	-1605	-1440	95.4	-1506	37	103.6
OxA-11821	-1449	-1386	68.2	-1495	-1316	95.4	-1410	41	-1495	-1403	68.2	-1505	-1376	95.4	-1440	37	85.9
									-1482	-1358	68.2	-1502	-1199	95.4	-1381	84	
Phorades IV? material																	
OxA-7013	-1188	-924	68.2	-1266	-843	95.4	-1060	109	-1155	-921	68.2	-1263	-845	95.4	-1056	107	100.7
OxA-11788	-756	-542	68.2	-770	-423	95.4	-630	80	-770	-712	68.2	-784	-615	95.4	-723	45	96.2
Duration of Phorades Data									0	54	68.2	0	150	95.4	46	50	
End Phorades									-756	-651	68.2	-771	-526	95.4	-677	69	
Start TPQ for LCIIC Use Data									-1646	-1523	68.2	-1792	-1510	95.4	-1615	78	
TPQ for LCIIC Use Data																	

									-1550	-1514	68.2	-1593	-1499	95.4	-1537	22		
Kalavasos Ayios Dhimitrios Building X - wood/charcoal - LCIIB/early IIC																		
KN 4615 charcoal(long-lived wood)	-1601	-1455	68.2	-1608	-1442	95.4	-1516	45	-1525	-1457	68.2	-1536	-1436	95.4	-1492	27		114.8
KN 4616 charcoal(long-lived wood)	-1605	-1460	68.2	-1613	-1449	95.4	-1529	47	-1528	-1460	68.2	-1543	-1437	95.4	-1496	28		111.4
KN 4617 charcoal(long-lived wood)	-1612	-1527	68.2	-1667	-1497	95.4	-1572	42	-1537	-1499	68.2	-1562	-1454	95.4	-1515	24		70.6
KN 4618 charcoal(long-lived wood)	-1632	-1502	68.2	-1728	-1450	95.4	-1578	65	-1536	-1460	68.2	-1558	-1433	95.4	-1501	32		78.7
KN 4619 charcoal(long-lived wood)	-1603	-1461	68.1	-1608	-1452	95.4	-1522	42	-1527	-1463	68.2	-1537	-1446	95.4	-1498	25		114.9
KN 4620 charcoal(long-lived wood)	-1433	-1325	68.2	-1488	-1312	95.4	-1394	39	-1436	-1397	68.2	-1491	-1380	95.4	-1420	22		112.1
KN 4621 charcoal(long-lived wood)	-1494	-1415	68.2	-1528	-1321	95.4	-1450	43	-1493	-1420	68.2	-1515	-1400	95.4	-1455	31		108.9
KN 4622 charcoal(long-lived wood)	-1512	-1455	68.2	-1528	-1436	95.4	-1485	28	-1509	-1455	68.2	-1523	-1441	95.4	-1482	23		103
KN 4653 charcoal(long-lived wood)	-1493	-1410	68.2	-1512	-1323	95.4	-1442	38	-1492	-1414	68.2	-1502	-1397	95.4	-1449	29		106.6
KN 4654 charcoal(long-lived wood)	-1427	-1317	68.2	-1444	-1271	95.4	-1371	44	-1432	-1395	68.2	-1491	-1372	95.4	-1416	23		100.8
KN 4726 charcoal(long-lived wood)	-1397	-1298	68.2	-1425	-1216	95.4	-1335	51	-1427	-1391	68.2	-1451	-1361	95.4	-1408	22		63.1
KN 4727 charcoal(long-lived wood)	-1495	-1431	68.2	-1526	-1400	95.4	-1463	35	-1494	-1432	68.2	-1517	-1411	95.4	-1462	28		104.3
KN 4728 charcoal(long-lived wood)	-1497	-1449	68.2	-1519	-1428	95.4	-1472	25	-1497	-1449	68.2	-1516	-1429	95.4	-1471	23		101.3
KN 4729 charcoal(long-lived wood)	-1526	-1456	68.2	-1606	-1436	95.4	-1502	39	-1521	-1457	68.2	-1531	-1440	95.4	-1489	25		110.5
KN 4782 charcoal(long-lived wood)	-1517	-1456	68.2	-1599	-1434	95.4	-1489	31	-1514	-1456	68.2	-1525	-1440	95.4	-1484	23		104.4
KN 4829 charcoal(long-lived wood)	-1493	-1387	68.2	-1504	-1312	95.4	-1419	51	-1490	-1404	68.2	-1502	-1387	95.4	-1441	31		114.2
KN 4651 charcoal	-1606	-1501	68.2	-1618	-1464	95.4	-1550	39	-1533	-1497	68.2	-1556	-1453	95.4	-1510	23		99.3
End KAD Building X Long-Lived									-1414	-1375	68.2	-1433	-1342	95.4	-1391	22		
Start KAD Building charcoal from slag									-1542	-1301	68.2	-1657	-1089	95.4	-1396	135		
Kalavasos Ayios Dhimitrios - charcoal from slag - LCIIC																		
OxA 120 charcoal from slag	-1259	-851	68.3	-1436	-782	95.4	-1080	180	-1440	-1226	68.2	-1517	-1008	95.4	-1302	127		67.1
End KAD Building charcoal from slag									-1408	-1169	68.2	-1486	-902	95.4	-1243	149		
Apliki roof	-1352	-1287	68.2	-1370	-1255	95.4	-1314	31	-1357	-1298	68.2	-1374	-1266	95.4	-1323	28	160	
									-1409	-1350	68.2	-1426	-1317	95.4	-1374	28		
AA33445 Tree-rings 1001-1010	-1412	-1296	68.2	-1449	-1135	95.4	-1337	64	-1409	-1350	68.2	-1426	-1317	95.4	-1374	28		119.4
AA33446 Tree-rings 1011-1020	-1402	-1261	68.2	-1431	-1130	95.4	-1306	77	-1399	-1340	68.2	-1416	-1307	95.4	-1364	28		120
AA33447 Tree-rings 1021-1030	-1415	-1298	68.2	-1453	-1211	95.4	-1343	63	-1389	-1330	68.2	-1406	-1297	95.4	-1354	28		123
AA33448 Tree-rings 1031-1040	-1419	-1220	68.2	-1493	-1125	95.4	-1313	92	-1379	-1320	68.2	-1396	-1287	95.4	-1344	28		134.6

AA33449 Tree-rings 1041-1049	-1411	-1270	68.2	-1450	-1132	95.4	-1329	71	-1369	-1310	68.2	-1386	-1278	95.4	-1335	28	124.9
Minimum Cutting Age Apliki Roof Wood									-1357	-1298	68.2	-1374	-1266	95.4	-1323	28	
End TPQ for LCIIC Use									-1348	-1090	68.2	-1364	-750	95.4	-1140	177	
Maroni Tsaroukkas Buildings 1 and 2																	
MT Building 1																	
Start MT Building 1 Sequence									-1473	-1273	68.2	-1745	-1254	95.4	-1432	128	
Pre-Building 1 Short-Lived?																	
OxA 8351 olive seed	-1412	-1314	68.2	-1437	-1261	95.4	-1353	49	-1405	-1298	68.2	-1427	-1259	95.4	-1341	47	96.1
									-1325	-1237	68.2	-1387	-1198	95.4	-1284	46	
Building 1 Last Use Short-Lived	-1257	-1130	68.1	-1290	-1115	95.4	-1191	46	-1266	-1206	68.2	-1302	-1181	95.4	-1242	29	87.3
End Use MT Building 1									-1258	-1197	68.2	-1288	-1156	95.4	-1224	32	
Apliki Basket and Cereal Dates																	
=Apliki Basket Date									-1227	-1129	68.2	-1242	-1125	95.4	-1178	36	
=Apliki Cereals Date									-1201	-1127	68.2	-1248	-1060	95.4	-1164	36	
MT Building 2																	
Start MT Building 2 Sequence									-1513	-1462	68.2	-1553	-1436	95.4	-1493	31	
Building 2 Phase 11 Long-Lived																	
OxA-8327 charcoal	-1453	-1320	68.2	-1499	-1299	95.4	-1401	53	-1497	-1462	68.2	-1511	-1434	95.4	-1476	19	53.7
									Warning! Poor agreement - A= 53.7%(A'c= 60.0%)								
OxA-8355 charcoal	-1512	-1444	68.2	-1605	-1415	95.4	-1485	39	-1499	-1459	68.2	-1518	-1437	95.4	-1478	21	119.7
									-1487	-1452	68.2	-1501	-1426	95.4	-1467	19	
Building 2 Phase 10 Long-Lived																	
OxA 8353 charcoal	-1630	-1526	68.2	-1688	-1500	95.4	-1589	52	-1472	-1439	68.2	-1484	-1417	95.4	-1455	17	5
									Warning! Poor agreement - A= 5.0%(A'c= 60.0%)								
OxA 8323 charcoal	-1392	-1270	68.2	-1428	-1134	95.4	-1320	63	-1421	-1375	68.2	-1441	-1346	95.4	-1396	24	82.3
									-1402	-1351	68.2	-1420	-1319	95.4	-1374	25	
Building 2 Room 1 Phases 9 and 8 Long-Lived																	
OxA 8349 charcoal	-1396	-1273	68.2	-1426	-1213	95.4	-1329	55	-1386	-1334	68.2	-1399	-1308	95.4	-1355	24	122.3
OxA 8348 charcoal	-1415	-1314	68.2	-1441	-1262	95.4	-1358	49	-1386	-1331	68.2	-1401	-1309	95.4	-1356	25	111.9
OxA 8352 charcoal	-1401	-1297	68.2	-1427	-1215	95.4	-1334	53	-1386	-1334	68.2	-1399	-1308	95.4	-1356	24	122.2
OxA 8264 charcoal	-1392	-1298	68.2	-1417	-1217	95.4	-1333	49	-1386	-1334	68.2	-1398	-1308	95.4	-1355	24	119.8
OxA 8325 charcoal	-1381	-1219	68.2	-1408	-1132	95.4	-1293	66	-1385	-1336	68.2	-1396	-1305	95.4	-1355	24	106.6

Transition from Long-Lived to Short-Lived Data Phase 9									-1366	-1311	68.2	-1386	-1291	95.4	-1338	26	
Building 2 Room 1 Phase 9 Short-Lived																	
OxA-14950 grape	-1368	-1135	68.2	-1381	-1129	95.4	-1257	66	-1358	-1288	68.2	-1374	-1276	95.4	-1321	27	86.2
OxA-14951 olive	-1401	-1312	68.2	-1419	-1264	95.4	-1346	44	-1346	-1296	68.2	-1376	-1277	95.4	-1324	25	101.2
									-1325	-1272	68.2	-1367	-1263	95.4	-1307	27	
Building 2 Room 2 Phase 5 Long-Lived																	
OxA 8321 charcoal	-1378	-1212	68.2	-1400	-1129	95.4	-1275	74	-1310	-1265	68.2	-1358	-1244	95.4	-1291	26	130.2
OxA 8326 charcoal	-1379	-1215	68.3	-1402	-1131	95.3	-1286	68	-1310	-1265	68.2	-1360	-1246	95.4	-1291	25	129.1
OxA 8354 charcoal	-1386	-1262	68.2	-1413	-1133	95.4	-1306	62	-1310	-1266	68.2	-1360	-1249	95.4	-1292	25	117.6
									-1302	-1252	68.2	-1342	-1212	95.4	-1275	27	
Building 2 Phase 8 Short-Lived - Last LCIIC Use																	
Building 2 Phase 8 Short-Lived - Last LCIIC Use	-1289	-1132	68.2	-1311	-1127	95.4	-1224	52	-1290	-1235	68.2	-1310	-1201	95.4	-1259	28	106.9
	Warning! X-Test fails at 5% - Building 2 Phase 8 Short-Lived - Last LCIIC Use X2-Test: df=2 T=8.810(5% 6.0)																
End MT Building 2 Phase 8 - Last LCIIC Use									-1277	-1216	68.2	-1304	-1177	95.4	-1245	32	
Apliki Basket and Cereal Dates																	
=Apliki Basket Date									-1227	-1129	68.2	-1242	-1125	95.4	-1178	36	
=Apliki Cereals Date									-1201	-1127	68.2	-1248	-1060	95.4	-1164	36	
									-1437	-1019	68.2	-1789	-968	95.4	-1309	222	
Post Building 1 Activity perhaps Iron Age																	
OxA 8372 charcoal	-1194	-981	68.2	-1265	-914	95.4	-1088	93	-1195	-998	68.2	-1266	-916	95.4	-1092	93	100.2
End Post Building 1 Use									-1117	-795	68.2	-1236	-614	95.4	-932	161	
Start Late LCIIC short-lived Maroni Aspres and Maroni Vournes									-1535	-1255	68.2	-1794	-1197	95.4	-1440	153	
Short-Lived Maroni Aspres and Maroni Vournes LCIIC																	
OxA 8373 grape seed	-1426	-1273	68.2	-1495	-1134	95.4	-1342	75	-1396	-1221	68.2	-1442	-1131	95.4	-1310	75	91.8
KN 4647 olive seed	-1287	-1123	68.2	-1372	-1049	95.4	-1198	77	-1307	-1162	68.2	-1383	-1086	95.4	-1232	73	97.2

End Late LCIIC short-lived Maroni Aspres and Maroni Vournes									-1297	-1009	68.2	-1365	-719	95.4	-1090	172	
Apliki Basket and Cereal Samples																	
Start Apliki Basket and Cereal Sequence									-1331	-1201	68.2	-1531	-1132	95.4	-1297	105	
Minimum Cutting Age Apliki Roof Wood Date																	
=Minimum Cutting Age Apliki Roof Wood									-1357	-1298	68.2	-1374	-1266	95.4	-1323	28	
Apliki Basket combined end LCIIC/start LCIIIA																	
Apliki Basket	-1298	-1135	68.2	-1370	-1128	95.4	-1240	55	-1286	-1210	68.2	-1311	-1159	95.4	-1239	39	112.1
Apliki Basket to Cereal samples transition									-1263	-1179	68.2	-1285	-1131	95.4	-1212	41	
Apliki Cereal combined - earlier LCIIIA																	
Apliki Cereals	-1256	-1130	68.3	-1288	-1093	95.5	-1188	46	-1216	-1130	68.2	-1261	-1121	95.4	-1185	41	102.9
Apliki Basket and Cereal Samples									0	191	68.2	0	523	95.4	168	161	
End Apliki Basket and Cereal Sequence									-1243	-1105	68.2	-1265	-889	95.4	-1128	104	
Alassa Paleotaverna																	
Start Alassa									-1661	-1481	68.2	-1801	-1451	95.4	-1605	94	
Early LCIIC																	
KN 4623 charcoal	-1493	-1323	68.2	-1509	-1300	95.4	-1411	56	-1494	-1391	68.2	-1511	-1316	95.4	-1426	51	101.9
KN 4624 charcoal	-1608	-1499	68.2	-1631	-1447	95.4	-1547	49	-1561	-1451	68.2	-1611	-1437	95.4	-1520	47	92.4
									-1402	-1197	68.2	-1481	-1136	95.4	-1301	94	
LCIIIA Final																	
KN 4625 charcoal	-1257	-1089	68.2	-1267	-1021	95.4	-1158	66	-1257	-1124	68.2	-1289	-1050	95.4	-1175	59	104.2
KN 4846 charcoal	-1257	-1056	68.3	-1294	-1014	95.4	-1158	75	-1258	-1122	68.2	-1296	-1047	95.4	-1176	64	106
Duration Alassa Dates									343	651	68.2	257	897	95.4	545	167	
End Alassa									-1209	-998	68.2	-1259	-760	95.4	-1060	132	
Duration of Protohistoric Bronze Age									1048	1205	68.2	995	1343	95.4	1151	91	
Prehistoric Cyprus Sequence									10377	11101	68.2	10103	11486	95.4	10799	363	
End									-731	-565	68.2	-756	-391	95.4	-607	104	

3. TABLE S3: The non-modelled and then modelled calendar age ranges for the radiocarbon dates and the archaeological site/period groupings employed for, and from, Model 8. Model 8 includes 292 data (304 dates) and yields good agreement index values (Amodel 62.6 and Aoverall 80.3) and was the end-point of modelling in the Appendix. Analysis with OxCal (Bronk Ramsey 1995; 1998; 2001; 2008; 2009a; 2009b; Bronk Ramsey et al. 2001 – using version 4.17) and IntCal09 (Reimer et al. 2009 – curve resolution 5). The whole (earliest possible and latest possible only) range limits (versus sub-ranges where these exist) are stated for the calibrated age ranges shown. Note: for those samples combined as a weighted average, it is the calibrated age range for the weighted average value that is given.

Reading Table S3

The headings for the columns to Table S3 are given only on Model 8 page 1 of 19. On the left side of the table are the non-modelled calibrated calendar ranges for each individual radiocarbon date (or weighted average of several dates in a few cases) – i.e. this is the individual radiocarbon date (or average date) calibrated with no other constraints applied. The table gives first the 68.2% probability range and then the 95.4% probability range, followed by the mean (μ) ± 1 standard deviation (σ) for the non-modelled calibrated probability distribution. The modelled calendar age ranges then follow on the right side of the table. The modelled calendar ranges reflect the combination of the dating model with the dates (or average date in a few cases) and the calibration curve. The modelled calendar age ranges are listed at 68.2% probability, and 95.4% probability, and finally there is the mean (μ) ± 1 standard deviation (σ) of the modelled calibrated probability distribution. The final column on the right-hand side lists the OxCal Agreement Index value for each date (or weighted average in a few cases). The agreement index compares the final (posterior) distribution (the modelled calendar age probability – the solid dark histogram in Figure S2 below) for each date (or weighted average in a few cases) against the original (light grey in Figure S2) non-modelled distribution. If the former is unaltered the index value is 100%. The value rises above 100% where the final distribution overlaps only with the very highest part of the prior distribution. In contrast, an agreement index below 60% indicates disagreement with the model (and insufficient overlap of the distributions) at about the 5% level of a chi-squared test (and these samples are flagged).

Table follows starting next page...

Name	Unmodelled (BC/AD)								*Modelled (BC/AD)*								Indices A_{model}=62.6 $A_{overall}$=80.3	
	from	to	%	from	to	%	μ	σ	from	to	%	from	to	%	μ	σ	A_{comb}	A
Prehistoric Cyprus MODEL 8																		
Start Epipalaeolithic (i.e. Late Epipalaeolithic)									-11694	-10991	68.2	-12023	-10770	95.4	-11402	337		
Epipalaeolithic - Akrotiri Aetokremnos charcoal + recently measured bone																		
AA79923 bone (sus)-degraded collagen	-9796	-9447	68.2	-10007	-9327	95.4	-9628	162	-9795	-9448	68.2	-10006	-9332	95.4	-9631	161		100.2
AA79922 bone (sus)-apatite	-9332	-9252	68.2	-9441	-9231	95.4	-9312	57	-9362	-9259	68.2	-9647	-9229	95.4	-9334	79		88.6
Beta-41405	-10423	-9452	68.2	-10598	-9293	95.4	-9921	367	-10422	-9456	68.3	-10583	-9311	95.4	-9937	354		101.4
Beta-41000/ETH-7188	-10566	-10186	68.2	-10619	-10096	95.4	-10349	146	-10567	-10186	68.2	-10619	-10097	95.4	-10349	146		100
Beta-41407	-10715	-9875	68.2	-10998	-9356	95.4	-10258	417	-10714	-9877	68.2	-10961	-9386	95.4	-10256	403		101.4
Beta-41406/ETH-7331	-10614	-10272	68.3	-10644	-10166	95.4	-10430	137	-10614	-10271	68.2	-10644	-10166	95.4	-10430	137		100
Beta-41408/ETH-7332	-10650	-10473	68.2	-10726	-10209	95.4	-10539	109	-10650	-10472	68.2	-10726	-10209	95.3	-10539	109		99.9
Beta-41002/ETH-7189	-10788	-10632	68.2	-10938	-10603	95.4	-10738	90	-10785	-10633	68.2	-10934	-10603	95.4	-10736	88		100.9
Beta-40655	-11152	-10584	68.2	-11351	-10116	95.4	-10778	314	-11111	-10487	68.2	-11301	-10115	95.4	-10738	302		102.1
Beta-40380	-11856	-11387	68.2	-12181	-11163	95.4	-11662	269	-11546	-10810	68.2	-11712	-10721	95.4	-11246	272		53.5
									Warning! Poor agreement - A= 53.5%(A'c= 60.0%)									
OxA-15989	-10108	-9877	68.2	-10174	-9806	95.4	-9992	104	-10108	-9877	68.2	-10174	-9806	95.4	-9992	104		100
Duration Epipalaeolithic charcoal & recent bone									1813	2576	68.2	1493	2973	95.4	2231	383		
End Epipalaeolithic									-9332	-9057	68.2	-9413	-8821	95.4	-9170	149		
Between Aetokremnos and Asprokremmos									247	538	68.2	7	602	95.4	367	153		
Start Cypro-PPNA = Initial Aceramic Neolithic									-8821	-8756	68.2	-8903	-8733	95.4	-8804	49		
Cypro-PPNA - Ayia Varvara Asprokremmos																		
Hd-27170	-8815	-8645	68.2	-9119	-8624	95.4	-8789	124	-8789	-8739	68.2	-8820	-8704	95.4	-8762	29		142.5
Hd-27180	-9103	-8656	68.3	-9119	-8633	95.3	-8818	131	-8790	-8741	68.2	-8822	-8708	95.4	-8765	29		149
Hd-27217	-9119	-8763	68.2	-9141	-8724	95.4	-8932	130	-8796	-8745	68.2	-8841	-8714	95.4	-8775	34		94.6
Hd-27227	-8778	-8659	68.2	-8807	-8639	95.4	-8735	48	-8782	-8737	68.2	-8803	-8711	95.4	-8757	24		112.8
Hd-27228	-8766	-8638	68.2	-9107	-8569	95.3	-8725	92	-8786	-8734	68.2	-8815	-8693	95.4	-8756	30		104
Hd-27242	-9116	-8727	68.2	-9126	-8640	95.4	-8878	140	-8793	-8742	68.2	-8831	-8711	95.4	-8769	31		139
Duration of Cypro-PPNA									0	90	68.2	0	220	95.4	76	72		
End Cypro-PPNA									-8768	-8708	68.2	-8791	-8640	95.4	-8728	38		

Between Cypro-PPNA and Cypro-PPNB									0	147	68.2	0	265	95.4	114	78	
Start Cypro-PPNB = Early Aceramic Neolithic (EAN)									-8717	-8552	68.2	-8755	-8455	95.4	-8614	80	
Cypro-PPNB to End Aceramic Neolithic																	
Shillourokambos																	
Start Shillourokambos									-8436	-8316	68.2	-8527	-8303	95.4	-8400	64	
Shillourokambos Early Phase A																	
Lyon-290	-8703	-8356	68.2	-8751	-8318	95.4	-8550	120	-8373	-8300	68.2	-8470	-8290	95.4	-8358	50	52.4
									Warning! Poor agreement - A= 52.4%(A'c= 60.0%)								
Lyon-3091	-8538	-8346	68.2	-8563	-8304	95.4	-8438	74	-8371	-8301	68.2	-8454	-8294	95.4	-8355	45	88.8
Lyon-2284	-8536	-8339	68.2	-8566	-8299	95.4	-8435	77	-8370	-8300	68.2	-8455	-8292	95.4	-8354	45	94.1
Lyon-572	-8535	-8309	68.2	-8611	-8286	95.4	-8436	92	-8368	-8294	68.2	-8453	-8281	95.4	-8347	47	107.3
Lyon-1447	-8453	-8301	68.2	-8548	-8287	95.4	-8404	74	-8363	-8293	68.2	-8442	-8284	95.4	-8345	44	113.5
Lyon-3038	-8429	-8287	68.2	-8531	-8277	95.4	-8367	62	-8346	-8290	68.2	-8426	-8280	95.4	-8334	40	123.3
Lyon-3039	-8426	-8284	68.2	-8531	-8274	95.4	-8362	62	-8345	-8289	68.2	-8426	-8278	95.4	-8332	40	123.8
Lyon-3043	-8424	-8271	68.2	-8465	-8246	95.4	-8341	63	-8339	-8283	68.2	-8424	-8266	95.4	-8323	39	121.4
Lyon-573	-8453	-8248	68.2	-8611	-8001	95.4	-8353	118	-8354	-8278	68.2	-8440	-8252	95.4	-8330	47	134.2
Lyon-3042	-8315	-8254	68.2	-8435	-8236	95.4	-8304	48	-8325	-8277	68.2	-8418	-8250	95.4	-8308	33	100
Lyon-3044	-8312	-8247	68.2	-8438	-8227	95.4	-8298	53	-8325	-8275	68.2	-8418	-8246	95.4	-8307	34	96.3
Duration of Shillourokambos Early Phase A									8	173	68.2	0	298	95.4	130	88	
Shillourokambos Early Phase A to Early Phase B + C									-8306	-8250	68.2	-8328	-8192	95.4	-8269	35	
Shillourokambos Early Phase B + C																	
Lyon-930	-7787	-7590	68.2	-7964	-7550	95.4	-7734	121	-7787	-7593	68.2	-8160	-7572	95.4	-7740	120	99.7
Lyon-574	-8246	-7971	68.2	-8283	-7827	95.4	-8080	123	-8237	-7970	68.2	-8273	-7829	95.4	-8071	120	100.8
GIFA-95030	-8223	-7847	68.2	-8272	-7725	95.4	-8003	154	-8216	-7846	68.2	-8255	-7719	95.4	-7999	151	100.8
Lyon-2285	-8246	-7987	68.2	-8270	-7962	95.4	-8110	96	-8242	-7985	68.1	-8258	-7961	95.4	-8104	94	100.1
Lyon-2286	-8185	-7834	68.2	-8210	-7761	95.4	-8003	127	-8184	-7834	68.2	-8211	-7787	95.4	-8002	126	99.9
Lyon-5	-8197	-7755	68.2	-8236	-7615	95.4	-7948	169	-8183	-7754	68.1	-8232	-7648	95.4	-7945	166	100.8
Lyon-3047	-7960	-7755	68.2	-8201	-7684	95.4	-7899	123	-7959	-7755	68.2	-8199	-7685	95.4	-7899	122	100.1
Lyon-3085	-8158	-7750	68.2	-8203	-7681	95.4	-7904	131	-7965	-7750	68.2	-8202	-7681	95.4	-7903	130	100.2
Lyon-289	-7955	-7656	68.2	-8201	-7599	95.3	-7854	156	-7956	-7659	68.2	-8197	-7601	95.3	-7856	155	100.4
Lyon-2283	-7947	-7684	68.2	-8171	-7601	95.4	-7832	133	-7946	-7686	68.2	-8172	-7603	95.3	-7833	132	100.4
Lyon-6	-7938	-7604	68.2	-8202	-7585	95.4	-7829	165	-7938	-7610	68.2	-8200	-7588	95.4	-7832	162	100.5
Lyon-291	-7727	-7594	68.2	-7938	-7576	95.4	-7694	87	-7732	-7597	68.2	-7938	-7578	95.4	-7699	87	99

Lyon-929	-7811	-7599	68.2	-7963	-7585	95.4	-7753	119	-7812	-7601	68.2	-7965	-7586	95.4	-7756	119	99.7
Lyon-11634	-7963	-7600	68.2	-8211	-7586	95.4	-7865	182	-7964	-7606	68.2	-8206	-7592	95.4	-7868	177	101.3
Lyon-1261	-7937	-7610	68.3	-8181	-7591	95.4	-7810	143	-7937	-7617	68.2	-8179	-7593	95.4	-7813	142	100.2
Lyon-1262	-7787	-7590	68.2	-7964	-7550	95.4	-7734	121	-7787	-7593	68.2	-8160	-7572	95.4	-7740	120	99.6
PA-1555	-7588	-7354	68.2	-7717	-7143	95.4	-7453	137	-7705	-7509	68.2	-7936	-7449	95.4	-7620	107	79.7
PA-????	-8166	-7485	68.2	-8271	-7195	95.4	-7753	263	-7964	-7566	68.2	-8218	-7532	95.4	-7833	196	110.6
Duration of Shillourokambos Early Phase B + C									661	806	68.2	579	890	95.4	733	76	
									-7603	-7479	68.2	-7667	-7402	95.4	-7536	64	
Shillourokambos Middle																	
GIF A-95034	-7544	-7352	68.2	-7588	-7188	95.4	-7423	105	-7516	-7367	68.2	-7578	-7283	95.4	-7429	77	110
GIF A-95033	-7527	-7201	68.2	-7577	-7090	95.4	-7367	121	-7507	-7351	68.2	-7554	-7208	95.4	-7409	83	115.7
GIF A-95032	-7422	-7083	68.2	-7485	-7061	95.4	-7263	123	-7482	-7306	68.2	-7521	-7187	95.4	-7372	90	87.5
Duration of Shillourokambos Middle									111	391	68.2	0	488	95.4	260	133	
									-7395	-7166	68.2	-7475	-7075	95.4	-7277	109	
Shillourokambos Late																	
Lyon-292	-7292	-7046	68.2	-7345	-6829	95.4	-7130	118	-7293	-7050	68.2	-7352	-6845	95.5	-7151	106	101.3
Duration of Shillourokambos									1100	1590	68.2	979	2382	95.4	1496	387	
End Shillourokambos									-7289	-6843	68.2	-7425	-6041	95.4	-6904	378	
Mylouthkia 1																	
Start Mylouthkia									-8605	-8420	68.2	-8670	-8349	95.4	-8511	85	
Mylouthkia 1 Phase A																	
OxA-7460	-8696	-8469	68.2	-8735	-8347	95.4	-8559	95	-8516	-8343	68.2	-8597	-8316	95.4	-8450	78	68.4
AA-33128	-8548	-8345	68.2	-8624	-8297	95.4	-8459	94	-8481	-8331	68.2	-8557	-8298	95.4	-8423	72	107.4
AA-33129	-8430	-8253	68.2	-8543	-8229	95.4	-8351	86	-8452	-8285	68.2	-8540	-8249	95.4	-8382	77	90.1
Mylouthkia 1 Phase A to Phase B									-8467	-8168	68.2	-8544	-7300	95.4	-8196	283	
Mylouthkia 1 Phase B																	
OxA-7461	-7293	-7081	68.1	-7346	-7060	95.4	-7201	86	-7292	-7081	68.2	-7345	-7060	95.4	-7200	85	100.2
AA-33130	-7063	-6828	68.2	-7132	-6696	95.4	-6930	111	-7069	-6836	68.2	-7172	-6702	95.4	-6953	111	100.1
End Mylouthkia									-7043	-6180	68.2	-7113	-5171	95.4	-6378	539	
Duration Mylouthkia Data									1463	2367	68.2	1348	3353	95.4	2133	545	
Start Akanthou									-8366	-7886	68.2	-8611	-7813	95.4	-8190	222	
Akanthou - Tatlisu, Ciflik Duzu																	
OxA-13996	-8165	-7792	68.2	-8201	-7748	95.4	-7941	123	-8162	-7789	68.2	-8186	-7745	95.5	-7928	119	101.3

End Akanthou									-8153	-6871	68.2	-8170	-5176	95.4	-7105	874	
Start Nissi Beach									-7641	-7550	68.2	-8025	-7532	95.4	-7658	157	
Nissi Beach - Marine Shell Dates -400yrs delta R approx. adjustment																	
GrA-36019 adjusted -400 14C yrs	-7592	-7551	68.2	-7601	-7528	95.4	-7570	20	-7590	-7552	68.2	-7598	-7535	95.4	-7569	17	103.5
OxA-X-2232-27 adjusted -400 14C yrs	-7586	-7547	68.2	-7596	-7525	95.4	-7563	19	-7587	-7553	68.2	-7595	-7531	95.4	-7566	17	104.9
End Nissi Beach									-7586	-7491	68.2	-7596	-7010	95.4	-7451	282	
Start Site 23									-8363	-6855	68.2	-8621	-6641	95.4	-7576	565	
Akrotiri Vounarouthkia ton Lamion East - Site 23 - Marine Shell -400yrs delta R approx. adjustment																	
UCLA-307 adjusted -400 14C yrs	-7178	-6533	68.2	-7517	-6404	95.4	-6910	297	-7172	-6532	68.2	-7504	-6402	95.4	-6902	292	100.9
End Site 23									-6997	-5501	68.2	-7242	-4802	95.4	-6105	683	
Start Ais Yiorkis									-7755	-7636	68.2	-7874	-7607	95.4	-7721	75	
Ais Yiorkis																	
DRI-3441 bone	-7022	-6599	68.3	-7047	-6506	95.4	-6778	152	-7061	-6905	68.2	-7140	-6645	95.4	-6960	113	81.3
DRI-3443 bone	-6607	-6427	68.2	-6746	-6252	95.4	-6521	109	-7047	-6897	68.2	-7061	-6542	95.4	-6920	145	13.2
									Warning! Poor agreement - A= 13.2%(A'c= 60.0%)								
CAMS-94861 bone	-7455	-7307	68.2	-7478	-7189	95.4	-7354	77	-7455	-7307	68.2	-7477	-7189	95.4	-7354	77	99.8
Beta-183649 charred material	-7576	-7530	68.2	-7587	-7498	95.4	-7546	25	-7576	-7530	68.2	-7587	-7497	95.4	-7546	25	99.7
Beta-183650 charred material	-7648	-7578	68.2	-7722	-7554	95.4	-7617	39	-7638	-7578	68.2	-7703	-7550	95.4	-7611	33	106.5
Beta-183651 charred material	-7609	-7570	68.2	-7678	-7538	95.4	-7597	32	-7608	-7571	68.2	-7661	-7537	95.4	-7594	28	101.6
Beta-203857 charcoal	-7589	-7548	68.2	-7597	-7529	95.4	-7565	20	-7589	-7549	68.2	-7598	-7528	95.4	-7565	20	99.6
Beta-213412 charred seeds	-7586	-7536	68.2	-7599	-7499	95.4	-7556	27	-7586	-7536	68.2	-7599	-7500	95.4	-7555	27	99.9
Beta-213414 charred material	-7652	-7571	68.2	-7722	-7541	95.4	-7616	48	-7645	-7572	68.2	-7706	-7537	95.4	-7607	39	107.7
Beta-213415 charred seeds	-7576	-7490	68.2	-7592	-7359	95.4	-7511	57	-7576	-7490	68.2	-7593	-7359	95.4	-7511	57	99.8
Beta-213417 charred material	-7816	-7608	68.2	-7956	-7596	95.4	-7764	114	-7681	-7600	68.2	-7766	-7588	95.4	-7660	51	112
Beta-220596 charred material	-7656	-7584	68.2	-7726	-7580	95.4	-7636	43	-7642	-7586	68.2	-7710	-7578	95.4	-7625	35	110.3
Beta-220598 organic sediment	-7298	-7082	68.2	-7447	-7058	95.3	-7210	91	-7298	-7082	68.2	-7446	-7058	95.4	-7210	91	100.1
Beta-243928 charcoal	-7533	-7371	68.2	-7570	-7342	95.4	-7457	63	-7533	-7372	68.2	-7569	-7342	95.4	-7457	63	99.8
Beta-256039 charred einkorn seed	-7578	-7519	68.2	-7593	-7470	95.4	-7535	37	-7578	-7519	68.2	-7593	-7470	95.4	-7535	37	99.8
Beta-256040 charred barley seed	-7576	-7481	68.2	-7589	-7356	95.3	-7501	60	-7576	-7481	68.2	-7589	-7356	95.4	-7501	60	99.9

Beta-256041 charred einkorn seed	-7569	-7480	68.2	-7584	-7359	95.4	-7501	54	-7568	-7480	68.2	-7584	-7359	95.4	-7501	54	99.9
Duration of Ais Yorkis Data									642	918	68.2	606	1300	95.4	867	197	
End Ais Yiorkis									-7025	-6832	68.2	-7039	-6482	95.4	-6854	163	
Start Kissonerga Mosphilia Cypro-PPNB									-6890	-6043	68.2	-8510	-6025	95.5	-6764	698	
Kissonerga Mosphilia Cypro-PPNB																	
AA-10495 charcoal	-6211	-6062	68.2	-6231	-6016	95.4	-6130	63	-6211	-6063	68.2	-6231	-6016	95.4	-6131	63	100
End Kissonerga Mosphilia Cypro-PPNB									-6199	-5581	68.2	-6218	-4922	95.4	-5727	383	
Start Kalavasos Tenta									-8588	-8306	68.2	-8683	-7993	95.4	-8387	178	
Kalavasos Tenta																	
P-2972 charcoal	-8608	-8306	68.2	-9108	-8224	95.4	-8502	170	-8471	-8015	68.2	-8581	-7821	95.4	-8281	178	81.1
P-2976 charcoal	-8746	-7378	68.2	-9453	-6686	95.4	-8135	683	-8316	-7480	68.2	-8508	-6829	95.4	-7754	431	113
P-2785 charcoal	-8342	-7336	68.2	-9120	-6819	95.4	-7894	526	-8246	-7383	68.2	-8469	-6834	95.4	-7725	402	109.9
P-2554 charcoal	-7604	-7361	68.2	-7751	-7189	95.4	-7511	126	-7604	-7361	68.2	-7751	-7189	95.4	-7511	125	100
P-2548 charcoal	-7581	-7142	68.2	-7937	-6772	95.4	-7354	254	-7581	-7089	68.2	-7936	-6772	95.4	-7352	252	100.2
P-2974 charcoal	-7070	-6776	68.2	-7181	-6651	95.4	-6929	141	-7069	-6776	68.2	-7182	-6652	95.4	-6929	141	99.9
P-2973 charcoal	-7448	-6531	68.2	-7937	-6107	95.4	-7001	421	-7448	-6533	68.3	-7828	-6109	95.4	-6996	413	100.4
P-2782 charcoal	-6589	-6383	68.2	-6639	-6250	95.4	-6457	102	-6588	-6384	68.2	-6638	-6250	95.4	-6456	102	99.9
P-2555 charcoal	-6404	-6227	68.2	-6446	-6092	95.4	-6294	93	-6404	-6228	68.2	-6445	-6093	95.4	-6294	93	100
P-2978 charcoal	-6504	-6001	68.2	-7000	-5735	95.3	-6294	274	-6499	-6006	68.2	-7001	-5759	95.4	-6301	269	101
P-2784 charcoal	-6379	-6106	68.2	-6432	-6061	95.4	-6248	105	-6380	-6106	68.3	-6432	-6061	95.4	-6248	105	100
P-2552 charcoal	-6219	-6031	68.2	-6368	-5924	95.4	-6134	101	-6219	-6031	68.2	-6367	-5925	95.4	-6134	101	100.1
P-2550 charcoal	-6207	-5984	68.2	-6236	-5881	95.4	-6064	96	-6206	-5984	68.2	-6236	-5885	95.4	-6065	95	100.4
P-2551 charcoal	-6089	-5901	68.2	-6221	-5841	95.4	-6017	97	-6090	-5904	68.2	-6217	-5846	95.4	-6020	96	100.8
P-2783 charcoal	-6420	-5645	68.2	-7038	-5317	95.4	-6084	421	-6432	-5765	68.2	-7032	-5541	95.4	-6181	373	105.4
P-2779 charcoal	-6070	-5896	68.2	-6213	-5811	95.4	-5993	96	-6070	-5900	68.2	-6215	-5816	95.4	-5997	94	101.2
P-2553 charcoal	-6066	-5892	68.2	-6211	-5790	95.4	-5981	95	-6064	-5897	68.2	-6211	-5806	95.4	-5986	93	101.3
P-2975 charcoal	-6208	-5573	68.2	-6463	-5324	95.4	-5898	291	-6215	-5731	68.2	-6476	-5497	95.4	-5993	252	103.9
P-2977 charcoal	-5787	-5221	68.2	-6062	-4851	95.4	-5501	292	-6011	-5597	68.2	-6236	-5336	95.4	-5804	220	79.1
Duration of Tenta data									2495	3094	68.2	2146	3451	95.4	2803	315	
End Kalavasos Tenta									-5878	-5451	68.2	-5967	-5106	95.4	-5584	231	
Start Dhali Agridhi									-7360	-6722	68.2	-8289	-6662	95.4	-7244	438	

Dhali Agridhi																	
P-2775	-7049	-6779	68.2	-7081	-6651	95.4	-6893	121	-6941	-6690	68.2	-7062	-6647	95.4	-6847	120	95
P-2768	-6368	-6227	68.2	-6414	-6098	95.4	-6280	77	-6376	-6231	68.2	-6425	-6105	95.4	-6294	73	101.8
GX-2848A	-6645	-5676	68.2	-7352	-5366	95.4	-6277	500	-6740	-6056	68.2	-7118	-5684	95.4	-6411	350	107.6
End Dhali Agridhi									-6347	-5743	68.2	-6389	-5050	95.4	-5878	381	
Start Khirokitia									-6931	-6616	68.2	-7186	-6521	95.4	-6824	179	
Khirokitia Vouni																	
St-415	-6686	-6269	68.2	-7029	-6223	95.4	-6544	193	-6650	-6367	68.2	-6823	-6116	95.4	-6495	153	109.1
St-414	-6468	-6238	68.2	-6598	-6095	95.4	-6364	125	-6466	-6240	68.2	-6596	-6096	95.4	-6362	122	100.6
St-416	-6455	-6105	68.2	-6601	-6010	95.4	-6303	155	-6454	-6106	68.2	-6593	-6019	95.4	-6299	149	100.8
BM-852	-6227	-6074	68.2	-6361	-6015	95.4	-6165	84	-6227	-6074	68.2	-6361	-6015	95.4	-6165	84	99.9
BM-853	-6398	-6244	68.2	-6460	-6101	95.3	-6314	82	-6398	-6244	68.2	-6460	-6101	95.3	-6314	82	100
BM-854	-6380	-6250	68.2	-6440	-6125	95.4	-6316	65	-6380	-6250	68.2	-6440	-6124	95.4	-6316	65	100
BM-855	-6232	-6078	68.2	-6363	-6027	95.4	-6175	83	-6232	-6078	68.2	-6363	-6028	95.4	-6175	83	99.9
Ly 3716 charcoal	-6006	-5739	68.2	-6208	-5631	95.4	-5888	138	-6005	-5738	68.2	-6208	-5631	95.4	-5888	138	100
Ly 4787 bone	-6645	-5365	68.2	-7504	-4795	95.4	-6093	676	-6427	-5560	68.2	-6782	-5277	95.4	-6016	403	120
Ly 3718 charcoal	-7284	-6471	68.2	-7597	-6119	95.4	-6906	370	-6788	-6387	68.2	-6977	-6085	95.4	-6562	216	96.1
Ly 4786 bone	-5777	-5230	68.2	-6020	-4964	95.4	-5516	259	-5751	-5351	68.2	-6020	-5212	95.4	-5594	206	109.2
Ly 4306 charcoal	-5471	-5070	68.2	-5613	-4848	95.4	-5243	185	-5520	-5270	68.2	-5637	-5117	95.4	-5393	129	99.5
Ly 4308 charcoal	-6466	-6126	68.2	-6592	-6062	95.4	-6323	137	-6466	-6212	68.2	-6590	-6063	95.4	-6320	133	100.5
Ly 4307 charcoal	-7033	-6682	68.2	-7175	-6500	95.4	-6847	173	-6776	-6504	68.2	-6955	-6455	95.4	-6682	130	85.2
Ly 4309 charcoal	-5365	-4993	68.2	-5485	-4795	95.4	-5163	181	-5482	-5250	68.2	-5618	-5102	95.4	-5361	127	82.7
Ly 3717 charcoal	-6748	-6395	68.2	-7030	-6254	95.4	-6597	185	-6659	-6412	68.2	-6822	-6237	95.4	-6537	141	111.2
Ly 3719 charcoal	-6591	-6228	68.2	-6823	-6019	95.4	-6409	198	-6569	-6229	68.2	-6693	-6033	95.4	-6384	171	104.6
Duration of Khirokitia Data									1299	1774	68.2	1124	2114	95.4	1588	254	
End Khirokitia									-5415	-5127	68.2	-5505	-4924	95.4	-5236	147	
Start Cape Andreas Kastros									-7120	-6489	68.2	-8071	-6394	95.4	-6992	448	
Cape Andreas Kastros																	
MC 803 charcoal	-5305	-4845	68.2	-5483	-4610	95.4	-5064	225	-5467	-5110	68.2	-5556	-4911	95.4	-5247	161	95.7
MC 807 charcoal	-6440	-6219	68.2	-6557	-6059	95.4	-6304	116	-6439	-6220	68.2	-6505	-6059	95.4	-6303	115	100.4
MC 805 charcoal	-6772	-6463	68.2	-7032	-6433	95.4	-6675	165	-6684	-6447	68.2	-7018	-6378	95.3	-6603	145	105.7
Unknown A from Held 1992	-5787	-5538	68.2	-5980	-5474	95.4	-5685	125	-5788	-5538	68.2	-5980	-5474	95.4	-5685	125	100

Unknown B from Held 1992	-5363	-5072	68.2	-5473	-4999	95.4	-5227	128	-5466	-5156	68.2	-5476	-5055	95.4	-5273	114	103.1
End Cape Andreas Kastros									-5248	-4919	68.2	-5360	-4702	95.4	-5052	166	
Start Kholetria Ortos									-6859	-5223	68.2	-8568	-5143	95.5	-6415	970	
Kholetria Ortos																	
Beta-56889 bone	-5635	-5081	68.2	-5835	-4849	95.4	-5371	235	-5639	-5251	68.2	-5874	-5019	95.4	-5448	204	104.7
End Kholetria Ortos									-5450	-4944	68.2	-5673	-4686	95.4	-5191	249	
Start Kalavasos Vasiliko									-6349	-5147	68.2	-8499	-5078	95.4	-6117	908	
Kalavasos Vasiliko																	
OxA-805	-5466	-5216	68.1	-5482	-5053	95.4	-5294	117	-5467	-5226	68.3	-5485	-5070	95.4	-5318	108	103.4
End Kalavasos Vasiliko									-5350	-4990	68.2	-5458	-4754	95.4	-5128	184	
Duration of Cypro-PPNB to End Aceramic Neolithic Dates									3572	3982	68.2	3404	4168	95.4	3781	197	
Duration of Cypro-PPNB to End Aceramic Neolithic									3392	3764	68.2	3251	3973	95.4	3599	184	
End Aceramic Neolithic									-5030	-4655	68.2	-5162	-4490	95.4	-4833	176	
Start Ceramic Neolithic									-4588	-4392	68.2	-4771	-4354	95.4	-4524	109	
Cypriot Ceramic Neolithic																	
Dhali Agridhi																	
									-4522	-4361	68.2	-4666	-4269	95.4	-4461	91	
P-2769 charred bone	-4685	-4454	68.2	-4770	-4350	95.4	-4556	110	-4486	-4343	68.2	-4599	-4258	95.4	-4421	77	75.4
									-4445	-4225	68.2	-4545	-4080	95.4	-4327	113	
Paralimni Nissia																	
									-4374	-4185	68.2	-4525	-4096	95.4	-4303	106	
OxA-11561 charred residue from bone	-4258	-4069	68.3	-4322	-4050	95.4	-4174	75	-4319	-4169	68.2	-4329	-4087	95.4	-4220	62	97
									-4252	-4113	68.2	-4312	-4043	95.4	-4176	70	
Ayios Epiktitos Vrysi																	
Start Ayios Epiktitos Vrysi									-4270	-4179	68.2	-4329	-4100	95.4	-4222	52	
BM-847 charcoal	-4333	-4083	68.2	-4341	-4055	95.4	-4225	82	-4254	-4161	68.2	-4271	-4074	95.4	-4191	50	83.2
BM-846 charcoal	-4330	-4069	68.1	-4361	-3985	95.4	-4194	105	-4246	-4158	68.2	-4267	-4074	95.4	-4188	49	111.2

BM-845 charcoal	-4323	-4072	68.2	-4330	-4050	95.4	-4190	85	-4246	-4161	68.2	-4265	-4075	95.4	-4188	49	108.4
GU-522 charcoal	-4353	-4079	68.2	-4446	-4046	95.4	-4243	100	-4251	-4161	68.2	-4276	-4074	95.4	-4191	51	83.4
BM-843 charcoal	-4321	-4066	68.2	-4337	-4005	95.4	-4183	89	-4246	-4159	68.2	-4265	-4075	95.4	-4187	49	111.1
GU-523 charcoal	-4315	-4051	68.2	-4346	-3976	95.4	-4169	106	-4245	-4157	68.2	-4265	-4073	95.4	-4187	49	116.2
BM-848 charcoal	-4241	-4053	68.2	-4327	-4000	95.4	-4161	82	-4242	-4159	68.2	-4260	-4078	95.4	-4185	47	112.8
BM-844 charcoal	-4228	-4000	68.2	-4235	-3984	95.4	-4114	75	-4235	-4156	68.2	-4246	-4076	95.4	-4181	45	96.1
GU-524 charcoal	-4236	-3966	68.2	-4339	-3800	95.4	-4090	140	-4241	-4155	68.2	-4261	-4075	95.4	-4185	48	114.4
GU-1459 charcoal	-4228	-3951	68.2	-4256	-3800	95.4	-4046	119	-4236	-4156	68.2	-4255	-4077	95.4	-4182	47	77.9
BM-1908R charcoal	-4327	-4054	68.2	-4444	-3965	95.5	-4184	119	-4246	-4156	68.2	-4267	-4074	95.4	-4187	49	117.1
BM-849 charcoal	-4227	-3961	68.2	-4312	-3806	95.4	-4066	108	-4236	-4156	68.2	-4254	-4078	95.4	-4182	46	80.2
BM-1907R charcoal	-4237	-3994	68.2	-4346	-3848	95.4	-4128	114	-4241	-4156	68.2	-4261	-4076	95.4	-4185	48	114.6
MB-1906R charcoal	-4328	-4053	68.2	-4449	-3961	95.4	-4184	129	-4246	-4156	68.2	-4267	-4073	95.4	-4187	49	119.3
Duration of Ayios Epiktitos Vrysi									0	84	68.2	0	206	95.4	70	63	
End Ayios Epiktitos Vrysi									-4228	-4114	68.2	-4235	-4048	95.4	-4152	52	
Kandou Kofovounos																	
Start Kandou Kofovounos									-4346	-4262	68.2	-4402	-4237	95.4	-4313	43	
OxA-6174 charcoal	-4350	-4243	68.2	-4448	-4071	95.4	-4284	75	-4311	-4242	68.2	-4346	-4181	95.4	-4278	36	116.5
LTL 824A charcoal	-4322	-4070	68.2	-4332	-4047	95.4	-4187	86	-4321	-4232	68.2	-4332	-4179	95.4	-4265	42	106.7
LTL 827A charcoal	-4341	-4174	68.2	-4354	-4053	95.4	-4238	83	-4316	-4239	68.2	-4340	-4176	95.4	-4272	38	127.9
LTL 829A seed	-4234	-4058	68.1	-4317	-4042	95.4	-4151	69	-4320	-4221	68.2	-4328	-4169	95.4	-4254	45	57.8
									Warning! Poor agreement - A= 57.8%(A'c= 60.0%)								
LTL 831A charcoal+seed	-4339	-4246	68.2	-4364	-4071	95.5	-4274	64	-4309	-4242	68.2	-4342	-4183	95.4	-4277	34	112
LTL 832A charcoal	-4341	-4174	68.2	-4355	-4053	95.4	-4240	83	-4316	-4239	68.2	-4341	-4176	95.4	-4272	38	127.8
Duration of Kandou Kofovounos									0	108	68.2	0	237	95.4	87	74	
End Kandou Kofovounos									-4305	-4195	68.2	-4321	-4114	95.4	-4226	54	
Sotira Teppes																	
Start Sotira Teppes									-4399	-4207	68.2	-4530	-4106	95.4	-4315	103	
St-337 charcoal	-4451	-4082	68.2	-4520	-4004	95.4	-4285	129	-4339	-4173	68.2	-4397	-4075	95.4	-4251	79	110.9
St-350 charcoal	-4224	-3781	68.2	-4312	-3665	95.4	-3968	158	-4324	-4162	68.2	-4347	-4078	95.4	-4223	71	53.3
									Warning! Poor agreement - A= 53.3%(A'c= 60.0%)								
End Sotira Teppes									-4261	-4109	68.2	-4324	-4029	95.4	-4179	76	
Philia Drakos A																	

									-4523	-4363	68.2	-4676	-4270	95.4	-4464	92	
Birm-72 carbon (hearth)	-4686	-4462	68.2	-4781	-4361	95.4	-4575	110	-4497	-4344	68.2	-4605	-4261	95.4	-4427	78	66.8
									-4457	-4236	68.2	-4557	-4087	95.4	-4334	114	
Kalavasos Pamboules																	
									-4493	-4249	68.2	-4647	-4136	95.4	-4385	127	
									-4329	-4109	68.2	-4476	-4011	95.4	-4233	115	
Kalavasos Kokkinoyia																	
									-4403	-4275	68.2	-4533	-4244	95.4	-4368	77	
Wk-26434 pistachio charcoal	-4309	-4072	68.2	-4322	-4052	95.5	-4178	72	-4324	-4226	68.2	-4331	-4159	95.4	-4254	52	86.2
Wk-26435 olive branch	-4368	-4266	68.2	-4449	-4258	95.4	-4340	49	-4357	-4261	68.2	-4392	-4236	95.4	-4310	42	92.6
									-4297	-4164	68.2	-4321	-4068	95.4	-4206	69	
Pigi Ayios Andronikos																	
									-4493	-4249	68.2	-4647	-4135	95.4	-4385	127	
									-4330	-4109	68.2	-4477	-4011	95.4	-4233	115	
Duration of Ceramic Neolithic									244	542	68.2	166	755	95.4	431	154	
End Ceramic Neolithic									-4178	-4039	68.2	-4222	-3957	95.4	-4094	70	
Start Chalcolithic									-4064	-3880	68.2	-4145	-3798	95.4	-3971	88	
Early-Middle Chalcolithic																	
Mylouthkia																	
Start Mylouthkia Period 2									-3699	-3546	68.2	-3749	-3530	95.4	-3641	62	
Kissonerga Mylouthkia Period 2																	
OxA-7464 charcoal	-3702	-3641	68.2	-3776	-3537	95.4	-3676	47	-3668	-3532	68.2	-3702	-3523	95.4	-3605	56	63.9
BM-1475 charcoal	-3658	-3522	68.2	-3708	-3379	95.4	-3581	77	-3645	-3522	68.2	-3665	-3505	95.4	-3577	46	116
BM-1539 charcoal	-3653	-3384	68.1	-3709	-3371	95.4	-3554	95	-3638	-3519	68.2	-3682	-3487	95.4	-3571	50	121
BM-1473 charcoal	-3638	-3389	68.2	-3650	-3376	95.4	-3538	78	-3633	-3520	68.2	-3646	-3498	95.4	-3568	44	113.3
BM-1540 charcoal	-3633	-3383	68.2	-3639	-3376	95.4	-3521	81	-3631	-3516	68.2	-3643	-3491	95.4	-3564	46	107.6
BM-1474 charcoal	-3517	-3370	68.2	-3631	-3355	95.4	-3463	75	-3629	-3487	68.2	-3635	-3445	95.4	-3544	57	72.7
BM-1476 charcoal	-3515	-3365	68.2	-3631	-3343	95.4	-3451	77	-3628	-3481	68.2	-3634	-3443	95.4	-3540	57	69.4
Mylouthkia Period 2 to 3									-3540	-3432	68.2	-3618	-3403	95.4	-3499	54	
Kissonerga Mylouthkia Period 3																	

OxA-7463 Pistacia	-3628	-3377	68.2	-3635	-3371	95.4	-3495	82	-3514	-3388	68.2	-3614	-3367	95.4	-3457	54	101
OxA-7462 Pistacia	-3515	-3365	68.2	-3631	-3343	95.4	-3451	77	-3514	-3416	68.2	-3615	-3356	95.4	-3455	53	107.9
End Mylouthkia Period 3									-3501	-3350	68.2	-3619	-3151	95.4	-3390	113	
Kalavasos Ayios																	
Start Ayios									-3944	-3760	68.2	-4020	-3686	95.4	-3853	87	
BM-1832R charcoal	-3954	-3713	68.2	-4220	-3635	95.5	-3842	119	-3862	-3696	68.2	-3941	-3651	95.4	-3786	79	107.1
BM-1834R charcoal	-3951	-3710	68.2	-4224	-3535	95.4	-3835	130	-3865	-3692	68.2	-3944	-3646	95.4	-3783	82	111.4
BM-1833R charcoal	-3984	-3637	68.2	-4233	-3378	95.4	-3812	194	-3854	-3671	68.2	-3969	-3549	95.4	-3773	93	126.7
BM-1836R charcoal	-3789	-3022	68.2	-4230	-2636	95.4	-3425	382	-3891	-3667	68.2	-3971	-3482	95.4	-3746	129	96.3
End Ayios									-3841	-3586	68.2	-3944	-3255	95.4	-3654	184	
Kalavasos Tenta																	
									-3983	-3402	68.2	-4069	-2952	95.4	-3584	304	
Kalavasos Tenta																	
									-3219	-2664	68.2	-3682	-2601	95.4	-3057	300	
Kissonerga Mosphilia																	
Start Kissonerga Mosphilia Period 2									-3953	-3770	68.2	-4041	-3695	95.4	-3863	88	
Period 2																	
OxA-2965 Gramineae	-3973	-3797	68.2	-4052	-3696	95.4	-3886	95	-3872	-3709	68.2	-3954	-3659	95.4	-3804	75	87.6
Mosphilia 2 to 3A									-3814	-3492	68.2	-3937	-3325	95.4	-3627	160	
Period 3A																	
AA-10497 Vitis Vinifera	-3510	-3137	68.1	-3622	-3104	95.5	-3366	125	-3506	-3336	68.2	-3621	-3144	95.4	-3401	94	109.4
Mosphilia 3A to 3B									-3327	-3134	68.2	-3460	-3097	95.4	-3251	95	
Period 3B																	
BM-2228 Pinus, Olea	-3510	-3127	68.2	-3621	-3101	95.4	-3349	131	-3214	-3100	68.2	-3376	-3026	95.5	-3170	78	63.6
OxA-2963 charcoal	-3359	-3099	68.2	-3498	-2930	95.4	-3215	130	-3219	-3023	68.2	-3309	-2926	95.4	-3126	96	96.3
BM-2568 Pinus	-3336	-3098	68.2	-3359	-3023	95.4	-3197	98	-3223	-3026	68.1	-3332	-2942	95.4	-3136	87	91.6
OxA-2962 Lens/Gramineae	-3091	-2906	68.2	-3331	-2885	95.4	-3046	121	-3088	-2911	68.2	-3267	-2883	95.3	-3022	92	109
OxA-2961 seed	-3086	-2875	68.2	-3323	-2676	95.4	-2958	126	-3022	-2889	68.2	-3264	-2856	95.4	-2982	83	113.6
OxA-2162 Morus	-3087	-2765	68.2	-3322	-2635	95.3	-2939	138	-3022	-2885	68.2	-3264	-2792	95.4	-2979	87	116.4
OxA-2161 Morus	-3081	-2714	68.1	-3312	-2626	95.3	-2918	138	-3019	-2882	68.2	-3263	-2782	95.4	-2972	85	116
GU-2968 charcoal	-3006	-2634	68.2	-3264	-2496	95.4	-2827	155	-3020	-2864	68.2	-3261	-2766	95.4	-2958	95	91.4
GU-2168 Pinus	-2910	-2630	68.2	-3090	-2488	95.4	-2785	149	-3018	-2857	68.2	-3168	-2757	95.4	-2946	94	76.8
									-2911	-2812	68.2	-2968	-2717	95.4	-2851	58	

Period 3 or 4																	
GU-2357 charcoal	-2857	-2351	68.2	-2881	-2215	95.3	-2569	170	-2876	-2744	68.2	-2890	-2672	95.4	-2802	58	79.9
GU-2536 Pistacia (similar to)	-2881	-2636	68.2	-2913	-2497	95.4	-2740	105	-2878	-2770	68.2	-2896	-2679	95.4	-2804	58	112.5
End Mosphilia Period 3 or 4									-2849	-2714	68.2	-2874	-2628	95.4	-2761	67	
Lemba Lakkous																	
Start Lemba Lakkous Period 1									-3346	-2871	68.2	-3766	-2712	95.4	-3151	266	
Period 1																	
HAR-6173 charcoal	-3085	-2680	68.2	-3326	-2580	95.5	-2903	169	-3264	-2860	68.2	-3341	-2746	95.5	-3012	152	96.2
Lakkous Period 1 to 2									-3051	-2771	68.2	-3281	-2696	95.4	-2949	148	
Period 2																	
End Lemba Lakkous Period 2									-2938	-2679	68.2	-3166	-2596	95.4	-2846	141	
Politiko Kokkinorotsos - Late Middle Chal. - between Mosphilia MChal. and LChal.																	
Start Politiko Kokkinorotsos									-2896	-2766	68.2	-2919	-2709	95.4	-2823	53	
Politiko Kokkinorotsos																	
OZK-137 barley seed	-2899	-2680	68.1	-2917	-2620	95.4	-2778	86	-2878	-2749	68.2	-2889	-2696	95.4	-2789	50	120.2
OZK-138 barley seed	-2857	-2503	68.2	-2872	-2490	95.4	-2677	109	-2872	-2740	68.2	-2878	-2698	95.4	-2786	50	74.4
OZK-139 barley seed	-2889	-2675	68.2	-2911	-2578	95.4	-2758	95	-2877	-2746	68.2	-2886	-2694	95.4	-2788	50	121.3
OZK-140 barley seed	-2905	-2696	68.3	-2924	-2620	95.4	-2788	88	-2878	-2750	68.2	-2891	-2695	95.4	-2789	51	118.2
OZK-141 wheat seed	-2886	-2671	68.2	-2907	-2577	95.4	-2751	95	-2877	-2746	68.2	-2885	-2695	95.4	-2788	50	119.4
OZK-142 wheat seed	-2899	-2680	68.1	-2917	-2620	95.4	-2778	86	-2878	-2749	68.2	-2889	-2696	95.4	-2789	50	120.1
OZK-143 cereal grain	-2857	-2503	68.2	-2872	-2490	95.4	-2677	109	-2872	-2740	68.2	-2878	-2698	95.4	-2786	50	74.4
OZK-144 cereal grain	-2886	-2671	68.2	-2907	-2577	95.4	-2751	95	-2877	-2746	68.2	-2885	-2695	95.4	-2788	50	119.4
OZK-145 cereal grain	-2893	-2679	68.2	-2910	-2601	95.4	-2770	85	-2877	-2749	68.2	-2888	-2695	95.4	-2788	50	120.6
OZK-147 cereal grain	-3002	-2701	68.2	-3077	-2638	95.4	-2852	99	-2881	-2752	68.2	-2898	-2696	95.4	-2792	52	86.3
OZK-148 olive pit	-2879	-2672	68.2	-2894	-2581	95.4	-2748	88	-2876	-2746	68.2	-2883	-2696	95.4	-2787	50	115.9
WK-18983 charcoal	-2871	-2667	68.2	-2880	-2620	95.4	-2746	77	-2874	-2744	68.2	-2879	-2695	95.4	-2786	49	104.4
Politiko Kokkinorotsos									0	86	68.2	0	200	95.4	69	62	
End Politiko Kokkinorotsos									-2796	-2693	68.2	-2873	-2653	95.4	-2754	55	
Duration of Early to Middle Chalcolithic									1189	1414	68.2	1082	1518	95.4	1300	111	
End Middle Chalcolithic									-2739	-2612	68.2	-2786	-2541	95.4	-2671	62	
Start Late Chalcolithic									-2658	-2513	68.2	-2710	-2500	95.4	-2603	58	
Late Chalcolithic																	
Kissonerga Mosphilia Period 4																	

Start Mosphilia Period 4									-2629	-2501	68.2	-2672	-2494	95.4	-2578	52	
GU-2155 charcoal	-3090	-2580	68.2	-3369	-2351	95.4	-2874	250	-2609	-2496	68.2	-2649	-2484	95.4	-2561	47	77.4
BM-2279R charcoal	-2901	-2580	68.2	-3265	-2350	95.4	-2758	180	-2609	-2496	68.2	-2648	-2485	95.4	-2562	47	83.4
BM-2527 Morus	-2864	-2622	68.2	-2878	-2577	95.4	-2722	91	-2611	-2496	68.2	-2653	-2488	95.4	-2564	48	50.6
									Warning! Poor agreement - A= 50.6%(A'c= 60.0%)								
GU-2535 Pistacia/Pinus	-2866	-2474	68.2	-2917	-2210	95.4	-2627	180	-2609	-2495	68.2	-2649	-2482	95.4	-2560	47	127.1
BM-2530 Morus	-2576	-2341	68.2	-2849	-2203	95.4	-2466	133	-2606	-2495	68.2	-2643	-2479	95.4	-2557	46	95.7
End Mosphilia Period 4									-2595	-2486	68.2	-2632	-2461	95.4	-2541	47	
Lemba Lakkous Period 3																	
Start Lemba Lakkous Period 3									-2586	-2507	68.2	-2628	-2486	95.4	-2555	38	
BM-1354 charcoal	-2573	-2410	68.2	-2617	-2309	95.4	-2486	74	-2573	-2514	68.2	-2585	-2470	95.4	-2535	32	108.8
BM-1541 charcoal	-2572	-2472	68.2	-2833	-2349	95.4	-2530	69	-2574	-2498	68.2	-2587	-2473	95.4	-2536	32	115
BM-1541A charcoal	-2832	-2488	68.3	-2859	-2469	95.4	-2611	104	-2576	-2496	68.2	-2601	-2476	95.4	-2539	33	121.6
BM-1542 charcoal	-2862	-2497	68.1	-2896	-2461	95.4	-2668	129	-2576	-2496	68.2	-2602	-2476	95.4	-2539	34	94.6
End Lemba Lakkous Period 3									-2564	-2487	68.2	-2584	-2446	95.4	-2520	36	
Duration of Late Chalcolithic									0	89	68.2	0	183	95.4	70	56	
End Late Chalcolithic									-2554	-2448	68.2	-2582	-2344	95.4	-2482	59	
Start Prehistoric Bronze Age									-2327	-2221	68.2	-2409	-2170	95.4	-2287	59	
Prehistoric Bronze Age																	
Kissonerga Mosphilia Period 5 = Philia																	
Margi Alonia																	
Start Margi									-2236	-2152	68.2	-2277	-2146	95.4	-2208	35	
A-1 and B - Philia																	
Beta 138629 seed	-2281	-2142	68.2	-2296	-2059	95.4	-2207	56	-2229	-2150	68.2	-2271	-2143	95.4	-2201	31	114.3
Beta 138630 seed	-2281	-2142	68.2	-2296	-2059	95.4	-2207	56	-2229	-2150	68.2	-2271	-2143	95.4	-2201	31	114.3
Beta 100553 seed	-2340	-2145	68.2	-2461	-2064	95.4	-2263	90	-2229	-2150	68.2	-2266	-2144	95.4	-2202	31	119.5
									-2221	-2146	68.2	-2256	-2140	95.4	-2195	28	
Gamma Philia-ECI-II																	
OZA 279U2 wheat seeds	-2190	-1892	68.2	-2289	-1752	95.4	-2029	136	-2210	-2143	68.2	-2227	-2137	95.4	-2186	24	66.8
OZB 160 wheat seed	-2272	-1893	68.2	-2457	-1752	95.4	-2077	169	-2210	-2143	68.2	-2228	-2137	95.4	-2186	24	105.7
OZB 163 wheat seed	-2397	-2204	68.2	-2461	-2149	95.4	-2301	80	-2213	-2144	68.2	-2228	-2138	95.4	-2188	25	56.7
									Warning! Poor agreement - A= 56.7%(A'c= 60.0%)								

									-2204	-2141	68.2	-2209	-2134	95.4	-2179	23	
C and C-1 and D-1 - ECI-II																	
OZA 337 seed	-2136	-1977	68.2	-2199	-1921	95.4	-2055	73	-2200	-2136	68.2	-2203	-2127	95.4	-2172	24	51.4
									Warning! Poor agreement - A= 51.4%(A'c= 60.0%)								
OZA 342 seed	-2188	-2031	68.2	-2203	-1973	95.4	-2091	61	-2200	-2136	68.2	-2203	-2128	95.4	-2172	24	73.9
OZA 339 seed	-2198	-2036	68.2	-2285	-1965	95.4	-2118	77	-2200	-2137	68.2	-2204	-2129	95.4	-2173	23	117
OZA 338 seed	-2287	-2064	68.2	-2400	-2031	95.4	-2195	88	-2200	-2137	68.2	-2204	-2131	95.4	-2173	23	131.3
OZA 344 seed	-2287	-2064	68.2	-2400	-2031	95.4	-2195	88	-2200	-2137	68.2	-2204	-2131	95.4	-2173	23	131.3
									-2197	-2134	68.2	-2201	-2119	95.4	-2167	25	
E and F-1 - ECIII																	
OZA 340 seed	-2203	-2045	68.2	-2285	-2030	95.4	-2143	69	-2195	-2131	68.2	-2201	-2110	95.4	-2161	27	127.6
									-2193	-2128	68.2	-2200	-2097	95.4	-2156	29	
MC																	
MCI to MC with two data seemingly rather late MC																	
									-2161	-2067	68.2	-2183	-2048	95.4	-2113	39	
H-1 and I-IV - MCI and MC - Part 1 making into earlier phase of 2 data - arbitrary decision by Sturt																	
OZA 345 seed	-2201	-2039	68.2	-2289	-1978	95.4	-2132	79	-2142	-2035	68.2	-2175	-2019	95.4	-2083	41	113.5
OZB 159 wheat seed	-2285	-2057	68.2	-2397	-2028	95.4	-2185	87	-2148	-2038	68.2	-2171	-2029	95.4	-2086	40	83
									-2134	-1978	68.2	-2163	-1903	95.4	-2037	64	
MCI to MC, Part 2, late apparent phase of MC or later - arbitrary decision by Sturt																	
									-2043	-1885	68.2	-2145	-1851	95.4	-1984	78	
H-1 and I-IV - MCI and MC - making into later phase																	
Beta 50747 charcoal	-1894	-1666	68.2	-2019	-1531	95.5	-1783	117	-2013	-1866	68.2	-2112	-1820	95.4	-1936	62	64.3
Beta 50746 charcoal	-1898	-1691	68.2	-2026	-1612	95.4	-1806	104	-2013	-1866	68.2	-2111	-1820	95.4	-1936	61	67.9
End Margi									-1955	-1840	68.2	-2022	-1798	95.4	-1909	59	
Duration of Margi									236	374	68.2	158	438	95.4	301	70	
Sotira Kaminoudhia																	
Start Sotira Kaminoudhia									-2293	-2206	68.2	-2341	-2151	95.4	-2248	48	
Phase I																	
OxA 3038 charcoal	-2475	-2208	68.2	-2620	-2048	95.4	-2362	133	-2283	-2204	68.2	-2319	-2149	95.4	-2238	44	89.8
OxA 3309 charcoal	-2343	-2041	68.2	-2469	-1973	95.4	-2219	135	-2284	-2204	68.2	-2317	-2149	95.4	-2237	44	128.2
									-2265	-2154	68.2	-2302	-2146	95.4	-2227	41	

Phase II																	
OxA 3310 charcoal	-2343	-2041	68.2	-2469	-1973	95.4	-2219	135	-2253	-2149	68.2	-2287	-2141	95.4	-2214	40	132.1
OxA 3311 charcoal	-2481	-2205	68.2	-2831	-2037	95.3	-2363	149	-2252	-2149	68.2	-2289	-2141	95.4	-2215	40	89
OxA 3312 charcoal	-2271	-1937	68.2	-2457	-1777	95.4	-2094	146	-2255	-2148	68.2	-2289	-2139	95.4	-2212	40	83.6
OxA 3544 charcoal	-2457	-2203	68.3	-2488	-2041	95.4	-2301	112	-2253	-2149	68.2	-2289	-2141	95.4	-2215	39	107.7
OxA 3545 charcoal	-2461	-2210	68.2	-2565	-2060	95.4	-2325	110	-2252	-2149	68.2	-2289	-2141	95.4	-2215	39	90.2
OxA 3546 charcoal	-2290	-2039	68.2	-2459	-1977	95.4	-2188	119	-2253	-2149	68.2	-2286	-2141	95.4	-2213	40	123.3
OxA 3547 charcoal	-2462	-2210	68.2	-2567	-2051	95.3	-2324	116	-2252	-2149	68.2	-2289	-2141	95.4	-2215	39	94
OxA 3548 charcoal	-2431	-2135	68.1	-2466	-2035	95.4	-2247	118	-2254	-2149	68.2	-2287	-2141	95.4	-2214	40	132.2
End Sotira Kaminoudhia									-2243	-2141	68.2	-2287	-2122	95.4	-2199	44	
Psematismenos Trelloukkas																	
									-2222	-2076	68.2	-2315	-2031	95.4	-2161	73	
OxA 14952 charcoal	-2190	-2036	68.2	-2203	-1981	95.4	-2101	56	-2141	-2036	68.2	-2200	-1985	95.4	-2097	51	102.7
									-2121	-1956	68.2	-2184	-1867	95.4	-2025	81	
Alambra Mouttes																	
Start Alambra Mouttes									-2127	-1922	68.2	-2227	-1887	95.4	-2036	89	
Alambra Mouttes																	
Beta 82994 carbon	-2112	-1889	68.2	-2141	-1774	95.4	-1976	89	-2026	-1916	68.2	-2131	-1877	95.4	-1979	61	116.2
ETH 210 ash	-2013	-1684	68.2	-2141	-1524	95.4	-1839	158	-2026	-1906	68.2	-2128	-1861	95.4	-1975	67	89.5
ETH 206 ash	-1935	-1539	68.2	-2135	-1437	95.4	-1772	176	-2026	-1905	68.2	-2128	-1857	95.4	-1974	68	68.6
End Alambra Mouttes									-1993	-1870	68.2	-2107	-1808	95.4	-1934	62	
Phaneromeni Long-Lived																	
Start Phaneromeni Long-Lived									-2156	-1981	68.2	-2268	-1934	95.4	-2089	88	
P-2386 charcoal	-2271	-1984	68.2	-2341	-1921	95.4	-2127	106	-2085	-1951	68.2	-2172	-1910	95.4	-2033	67	91.2
P-2387 charcoal	-2116	-1896	68.2	-2195	-1777	95.4	-1990	88	-2042	-1933	68.2	-2131	-1904	95.4	-2007	60	114.9
P-2388 charcoal	-1934	-1751	68.2	-2035	-1668	95.4	-1852	93	-2032	-1924	68.2	-2132	-1872	95.4	-1987	62	55.9
									Warning! Poor agreement - A= 55.9%(A'c= 60.0%)								
End Phaneromeni Long-Lived									-2006	-1886	68.2	-2109	-1825	95.4	-1947	63	
Duration of Prehistoric Bronze Age									288	441	68.2	207	527	95.4	364	79	
End Prehistoric Bronze Age									-1922	-1816	68.2	-1987	-1769	95.4	-1874	55	
Start Protohistoric Bronze Age									-1871	-1771	68.2	-1928	-1722	95.4	-1825	51	
Protohistoric Bronze Age																	

Start Maroni Vournes 1a Long-Lived LCIA									-1828	-1713	68.2	-1884	-1692	95.4	-1781	49	
Long-Lived - Maroni Vournes Phase Ia - LCIA																	
KN-4641 charcoal	-1507	-1415	68.2	-1609	-1323	95.4	-1468	57	-1601	-1422	68.2	-1621	-1390	95.4	-1493	62	91.2
KN-4642 charcoal	-1881	-1769	68.2	-1920	-1695	95.4	-1818	52	-1791	-1691	68.2	-1844	-1641	95.4	-1747	44	68.8
KN-4643 charcoal	-1663	-1461	68.2	-1741	-1420	95.4	-1574	86	-1664	-1498	68.2	-1736	-1434	95.4	-1578	77	103.3
End Maroni Vournes 1a Long-Lived LCIA									-1531	-1226	68.2	-1610	-844	95.4	-1318	199	
Phorades - data on charcoal																	
Start Phorades									-1808	-1692	68.2	-1872	-1642	95.4	-1753	58	
Stray old or recycled wood																	
									-1741	-1643	68.2	-1816	-1613	95.4	-1699	51	
Likely older tree-rings or wood but deposited/used Phase III?																	
OxA-9817	-1744	-1643	68.2	-1870	-1613	95.4	-1703	52	-1698	-1626	68.2	-1749	-1564	95.4	-1666	39	89.2
									-1652	-1558	68.2	-1696	-1518	95.4	-1608	46	
Phorades IIIb																	
OxA-9818	-1630	-1530	68.2	-1687	-1511	95.4	-1593	49	-1591	-1517	68.2	-1637	-1497	95.4	-1559	37	102.8
OxA-11789	-1606	-1500	68.3	-1618	-1458	95.4	-1546	41	-1601	-1497	68.2	-1611	-1460	95.4	-1536	37	103.1
OxA-8521	-1608	-1498	68.2	-1631	-1441	95.4	-1545	51	-1597	-1494	68.2	-1614	-1452	95.4	-1532	43	105.2
OxA-11791	-1605	-1455	68.2	-1611	-1444	95.4	-1522	47	-1536	-1457	68.2	-1606	-1447	95.4	-1516	41	106.6
OxA-11790	-1529	-1456	68.2	-1607	-1437	95.4	-1507	41	-1528	-1461	68.2	-1604	-1441	95.4	-1505	36	105.7
OxA-11821	-1449	-1386	68.2	-1495	-1316	95.4	-1410	41	-1496	-1406	68.2	-1507	-1379	95.4	-1444	37	81.2
									-1486	-1369	68.2	-1507	-1229	95.4	-1394	78	
Phorades IV? material																	
OxA-7013	-1188	-924	68.2	-1266	-843	95.4	-1060	109	-1154	-922	68.2	-1264	-845	95.4	-1057	107	100.6
OxA-11788	-756	-542	68.2	-770	-423	95.4	-630	80	-770	-713	68.2	-785	-620	95.4	-724	44	95.9
Duration of Phorades Data									0	52	68.2	0	143	95.4	44	47	
End Phorades									-756	-655	68.2	-771	-536	95.4	-680	66	
Start TPQ for LCIIC Use Data									-1644	-1523	68.2	-1781	-1510	95.4	-1613	75	
TPQ for LCIIC Use Data																	
									-1550	-1514	68.2	-1594	-1499	95.4	-1537	22	

Kalavasos Ayios Dhimitrios Building X - wood/charcoal - LCIIB/early IIC																		
KN 4615 charcoal(long-lived wood)	-1601	-1455	68.2	-1608	-1442	95.4	-1516	45	-1525	-1457	68.2	-1536	-1436	95.4	-1492	27		114.7
KN 4616 charcoal(long-lived wood)	-1605	-1460	68.2	-1613	-1449	95.4	-1529	47	-1528	-1460	68.2	-1543	-1437	95.4	-1496	28		111.4
KN 4617 charcoal(long-lived wood)	-1612	-1527	68.2	-1667	-1497	95.4	-1572	42	-1537	-1499	68.2	-1562	-1454	95.4	-1515	24		70.4
KN 4618 charcoal(long-lived wood)	-1632	-1502	68.2	-1728	-1450	95.4	-1578	65	-1536	-1459	68.2	-1558	-1433	95.4	-1500	32		78.5
KN 4619 charcoal(long-lived wood)	-1603	-1461	68.1	-1608	-1452	95.4	-1522	42	-1527	-1463	68.2	-1537	-1446	95.4	-1498	25		114.9
KN 4620 charcoal(long-lived wood)	-1433	-1325	68.2	-1488	-1312	95.4	-1394	39	-1436	-1397	68.2	-1491	-1380	95.4	-1420	22		112.2
KN 4621 charcoal(long-lived wood)	-1494	-1415	68.2	-1528	-1321	95.4	-1450	43	-1493	-1420	68.2	-1515	-1400	95.4	-1455	31		108.9
KN 4622 charcoal(long-lived wood)	-1512	-1455	68.2	-1528	-1436	95.4	-1485	28	-1509	-1455	68.2	-1523	-1441	95.4	-1482	23		103
KN 4653 charcoal(long-lived wood)	-1493	-1410	68.2	-1512	-1323	95.4	-1442	38	-1492	-1413	68.2	-1502	-1397	95.4	-1449	29		106.6
KN 4654 charcoal(long-lived wood)	-1427	-1317	68.2	-1444	-1271	95.4	-1371	44	-1432	-1395	68.2	-1491	-1372	95.4	-1416	23		100.8
KN 4726 charcoal(long-lived wood)	-1397	-1298	68.2	-1425	-1216	95.4	-1335	51	-1427	-1391	68.2	-1452	-1361	95.4	-1408	22		63
KN 4727 charcoal(long-lived wood)	-1495	-1431	68.2	-1526	-1400	95.4	-1463	35	-1494	-1433	68.2	-1516	-1411	95.4	-1462	28		104.3
KN 4728 charcoal(long-lived wood)	-1497	-1449	68.2	-1519	-1428	95.4	-1472	25	-1497	-1449	68.2	-1516	-1430	95.4	-1471	23		101.4
KN 4729 charcoal(long-lived wood)	-1526	-1456	68.2	-1606	-1436	95.4	-1502	39	-1521	-1457	68.2	-1531	-1440	95.4	-1489	25		110.4
KN 4782 charcoal(long-lived wood)	-1517	-1456	68.2	-1599	-1434	95.4	-1489	31	-1514	-1456	68.2	-1525	-1440	95.4	-1484	23		104.4
KN 4829 charcoal(long-lived wood)	-1493	-1387	68.2	-1504	-1312	95.4	-1419	51	-1489	-1404	68.2	-1502	-1387	95.4	-1441	31		114.3
KN 4651 charcoal	-1606	-1501	68.2	-1618	-1464	95.4	-1550	39	-1533	-1497	68.2	-1556	-1453	95.4	-1510	24		99.1
End KAD Building X Long-Lived									-1414	-1375	68.2	-1433	-1342	95.4	-1391	22		
Start KAD Building charcoal from slag									-1543	-1302	68.2	-1657	-1091	95.4	-1397	135		
Kalavasos Ayios Dhimitrios - charcoal from slag - LCIIC																		
OxA 120 charcoal from slag	-1259	-851	68.3	-1436	-782	95.4	-1080	180	-1439	-1225	68.2	-1517	-1007	95.4	-1301	128		67.2
End KAD Building charcoal from slag									-1409	-1168	68.2	-1487	-897	95.4	-1242	150		
Apliki roof	-1352	-1287	68.2	-1370	-1255	95.4	-1314	31	-1357	-1298	68.2	-1374	-1266	95.4	-1323	28	160	
									-1409	-1350	68.2	-1426	-1317	95.4	-1374	28		
AA33445 Tree-rings 1001-1010	-1412	-1296	68.2	-1449	-1135	95.4	-1337	64	-1409	-1350	68.2	-1426	-1317	95.4	-1374	28		119.4
AA33446 Tree-rings 1011-1020	-1402	-1261	68.2	-1431	-1130	95.4	-1306	77	-1399	-1340	68.2	-1416	-1307	95.4	-1364	28		119.9
AA33447 Tree-rings 1021-1030	-1415	-1298	68.2	-1453	-1211	95.4	-1343	63	-1389	-1330	68.2	-1406	-1297	95.4	-1354	28		123.1
AA33448 Tree-rings 1031-1040	-1419	-1220	68.2	-1493	-1125	95.4	-1313	92	-1379	-1320	68.2	-1396	-1287	95.4	-1344	28		134.6
AA33449 Tree-rings 1041-1049	-1411	-1270	68.2	-1450	-1132	95.4	-1329	71	-1369	-1310	68.2	-1386	-1278	95.4	-1335	28		124.9
Minimum Cutting Age Apliki Roof Wood									-1357	-1298	68.2	-1374	-1266	95.4	-1323	28		

End TPQ for LCIIC Use									-1348	-1089	68.2	-1364	-749	95.4	-1140	178	
Maroni Tsaroukkas Buildings 1 and 2																	
MT Building 1																	
Start MT Building 1 Sequence									-1471	-1271	68.2	-1721	-1226	95.4	-1427	125	
Pre-Building 1 Short-Lived?																	
OxA 8351 olive seed	-1412	-1314	68.2	-1437	-1261	95.4	-1353	49	-1402	-1271	68.2	-1431	-1257	95.4	-1339	48	95
									-1324	-1235	68.2	-1386	-1195	95.4	-1281	47	
Building 1 Last Use Short-Lived	-1257	-1130	68.1	-1290	-1115	95.4	-1191	46	-1265	-1203	68.2	-1298	-1175	95.4	-1239	30	89.7
End Use MT Building 1									-1256	-1190	68.2	-1282	-1151	95.4	-1220	33	
Apliki Basket and Cereal Dates																	
=Apliki Basket Date									-1221	-1128	68.2	-1236	-1124	95.4	-1170	34	
=Apliki Cereals Date									-1184	-1126	68.2	-1239	-1058	95.4	-1159	35	
MT Building 2																	
Start MT Building 2 Sequence									-1500	-1428	68.2	-1574	-1407	95.4	-1476	45	
Building 2 Phase 11 Long-Lived																	
OxA-8327 charcoal	-1453	-1320	68.2	-1499	-1299	95.4	-1401	53	-1455	-1404	68.2	-1495	-1387	95.4	-1434	27	115
OxA-8355 charcoal	-1512	-1444	68.2	-1605	-1415	95.4	-1485	39	-1470	-1420	68.2	-1510	-1407	95.4	-1451	26	89.6
									-1439	-1381	68.2	-1475	-1346	95.4	-1409	30	
Building 2 Phase 10 Long-Lived																	
OxA 8323 charcoal	-1392	-1270	68.2	-1428	-1134	95.4	-1320	63	-1408	-1361	68.2	-1424	-1328	95.4	-1379	24	106.3
									-1391	-1336	68.2	-1407	-1311	95.4	-1360	26	
Building 2 Room 1 Phases 9 and 8 Long-Lived																	
OxA 8349 charcoal	-1396	-1273	68.2	-1426	-1213	95.4	-1329	55	-1369	-1313	68.2	-1391	-1296	95.4	-1342	25	122.1
OxA 8348 charcoal	-1415	-1314	68.2	-1441	-1262	95.4	-1358	49	-1363	-1313	68.2	-1393	-1299	95.4	-1343	25	108.1
OxA 8352 charcoal	-1401	-1297	68.2	-1427	-1215	95.4	-1334	53	-1371	-1313	68.2	-1391	-1296	95.4	-1342	25	121.3
OxA 8264 charcoal	-1392	-1298	68.2	-1417	-1217	95.4	-1333	49	-1371	-1313	68.2	-1391	-1296	95.4	-1342	25	119.5
OxA 8325 charcoal	-1381	-1219	68.2	-1408	-1132	95.4	-1293	66	-1373	-1311	68.2	-1390	-1294	95.4	-1341	26	110.8
Transition from Long-Lived to Short-Lived Data Phase 9									-1351	-1292	68.2	-1381	-1276	95.4	-1324	27	
Building 2 Room 1 Phase 9 Short-Lived																	
OxA-14950 grape	-1368	-1135	68.2	-1381	-1129	95.4	-1257	66	-1321	-1275	68.2	-1370	-1260	95.4	-1306	27	103.7
									-1312	-1266	68.2	-1355	-1228	95.4	-1291	27	
Building 2 Room 2 Phase 5 Long-Lived																	
OxA 8321 charcoal	-1378	-1212	68.2	-1400	-1129	95.4	-1275	74	-1301	-1256	68.2	-1323	-1212	95.4	-1274	26	129.1

OxA 8326 charcoal	-1379	-1215	68.3	-1402	-1131	95.3	-1286	68	-1302	-1257	68.2	-1323	-1212	95.4	-1275	26	125.1
OxA 8354 charcoal	-1386	-1262	68.2	-1413	-1133	95.4	-1306	62	-1302	-1257	68.2	-1325	-1213	95.4	-1276	26	107
									-1291	-1240	68.2	-1307	-1194	95.4	-1257	28	
Building 2 Phase 8 Short-Lived - Last LCIIC Use																	
Building 2 Phase 8 Short-Lived - Last LCIIC Use	-1210	-1056	68.2	-1260	-1026	95.4	-1143	61	-1265	-1201	68.2	-1289	-1174	95.4	-1236	28	64.7
End MT Building 2 Phase 8 - Last LCIIC Use									-1258	-1198	68.2	-1276	-1151	95.4	-1222	31	
Apliki Basket and Cereal Dates																	
=Apliki Basket Date									-1221	-1128	68.2	-1236	-1124	95.4	-1170	34	
=Apliki Cereals Date									-1184	-1126	68.2	-1239	-1058	95.4	-1159	35	
									-1427	-1020	68.2	-1767	-967	95.4	-1303	216	
Post Building 1 Activity perhaps Iron Age																	
OxA 8372 charcoal	-1194	-981	68.2	-1265	-914	95.4	-1088	93	-1195	-998	68.2	-1266	-917	95.4	-1092	92	100.3
End Post Building 1 Use									-1117	-797	68.2	-1235	-620	95.4	-934	160	
Start Late LCIIC short-lived Maroni Aspres and Maroni Vournes									-1531	-1256	68.2	-1774	-1196	95.4	-1435	149	
Short-Lived Maroni Aspres and Maroni Vournes LCIIC																	
OxA 8373 grape seed	-1426	-1273	68.2	-1495	-1134	95.4	-1342	75	-1395	-1221	68.2	-1441	-1131	95.4	-1309	75	91.6
KN 4647 olive seed	-1287	-1123	68.2	-1372	-1049	95.4	-1198	77	-1307	-1163	68.2	-1384	-1087	95.4	-1232	73	97
End Late LCIIC short-lived Maroni Aspres and Maroni Vournes									-1297	-1012	68.2	-1365	-725	95.4	-1093	170	
Apliki Basket and Cereal Samples																	
Start Apliki Basket and Cereal Sequence									-1331	-1201	68.2	-1532	-1132	95.4	-1297	104	
Minimum Cutting Age Apliki Roof Wood Date																	
=Minimum Cutting Age Apliki Roof Wood									-1357	-1298	68.2	-1374	-1266	95.4	-1323	28	
Apliki Basket combined end LCIIC/start LCIIIA																	
Apliki Basket	-1298	-1135	68.2	-1370	-1128	95.4	-1240	55	-1286	-1210	68.2	-1311	-1136	95.4	-1239	39	112
Apliki Basket to Cereal samples transition									-1263	-1179	68.2	-1285	-1131	95.4	-1212	41	
Apliki Cereal combined - earlier LCIIIA																	
Apliki Cereals	-1256	-1130	68.3	-1288	-1093	95.5	-1188	46	-1216	-1130	68.2	-1261	-1121	95.4	-1184	41	102.9
Apliki Basket and Cereal Samples									0	193	68.2	0	521	95.4	170	160	
End Apliki Basket and Cereal Sequence									-1245	-1103	68.2	-1265	-887	95.4	-1127	104	
Alassa Paleotaverna																	

Start Alassa									-1661	-1484	68.2	-1788	-1451	95.4	-1601	91	
Early LCIIC																	
KN 4623 charcoal	-1493	-1323	68.2	-1509	-1300	95.4	-1411	56	-1494	-1391	68.2	-1511	-1316	95.4	-1426	51	102
KN 4624 charcoal	-1608	-1499	68.2	-1631	-1447	95.4	-1547	49	-1560	-1451	68.2	-1611	-1436	95.4	-1519	47	92.4
									-1402	-1198	68.2	-1482	-1136	95.4	-1302	93	
LCIIIA Final																	
KN 4625 charcoal	-1257	-1089	68.2	-1267	-1021	95.4	-1158	66	-1257	-1124	68.2	-1288	-1050	95.4	-1175	59	104.2
KN 4846 charcoal	-1257	-1056	68.3	-1294	-1014	95.4	-1158	75	-1259	-1122	68.2	-1296	-1047	95.4	-1176	64	105.9
Duration Alassa Dates									344	650	68.2	258	893	95.4	542	165	
End Alassa									-1209	-997	68.2	-1258	-760	95.4	-1059	132	
Duration of Protohistoric Bronze Age									1021	1179	68.2	965	1309	95.4	1122	90	
Prehistoric Cyprus Sequence									10386	11099	68.2	10103	11464	95.4	10789	358	
End									-731	-571	68.2	-757	-408	95.4	-612	100	

4. TABLE S4: Log file listing the *non*-modelled (i.e. raw) calibrated calendar date ranges at 68.2% and 95.4% probability for each of the individual data in Model 1 (i.e. for dates combined into a weighted average – see Appendix text, 4 instances – the calibrated range for the weighted averages are given) – data from OxCal 4.1.7 and IntCal09 with curve resolution at 5 (cubic modelling on) as in all the other analyses reported in this study (see Appendix and Tables S1 to S3 above). Sites are listed in the order shown in Figures 3A and 3B in the Appendix or as in the run file in Table S1 above; dates are in the order shown in Figures 5-12 (unless a date was excluded by Model 8) in the Appendix. A few headings for the main periods and a few sites are added in bold to help with orientation.

OxCal v4.1.7; r:5
Atmospheric data from Reimer et al (2009);
LATE EPIPALAEOLITHIC
AA79923 bone (sus)-degraded collagen R_Date(10045,69)
  68.2% probability
    9796BC (1.4%) 9788BC
    9768BC (66.8%) 9446BC
  95.4% probability
    10006BC (2.2%) 9967BC
    9957BC (1.0%) 9938BC
    9877BC (92.2%) 9326BC
AA79922 bone (sus)-apatite R_Date(9842,54)
  68.2% probability
    9332BC (68.2%) 9252BC
  95.4% probability
    9441BC (1.6%) 9426BC
    9412BC (93.8%) 9231BC
Beta-41405 R_Date(10190,230)
  68.2% probability
    10423BC (1.2%) 10406BC
    10360BC (0.9%) 10346BC
    10265BC (2.0%) 10238BC
    10204BC (64.1%) 9452BC
  95.4% probability
    10598BC (95.4%) 9292BC
Beta-41000/ETH-7188 R_Date(10420,85)
  68.2% probability
    10566BC (3.8%) 10546BC
    10474BC (64.4%) 10186BC
  95.4% probability
    10619BC (95.4%) 10096BC
Beta-41407 R_Date(10480,300)
  68.2% probability
    10714BC (61.8%) 10000BC
    9985BC (6.4%) 9875BC
  95.4% probability
    10998BC (95.4%) 9356BC
Beta-41406/ETH-7331 R_Date(10485,80)
  68.2% probability
    10614BC (52.4%) 10428BC
    10396BC (4.7%) 10370BC
    10328BC (11.2%) 10272BC
  95.4% probability
    10644BC (95.4%) 10166BC
Beta-41408/ETH-7332 R_Date(10575,80)
  68.2% probability
    10650BC (36.5%) 10562BC
    10556BC (31.7%) 10472BC
  95.4% probability
    10726BC (88.0%) 10424BC
    10403BC (1.9%) 10363BC
    10342BC (4.6%) 10266BC
    10234BC (0.9%) 10209BC
Beta-41002/ETH-7189 R_Date(10770,90)
  68.2% probability
    10788BC (68.2%) 10632BC
  95.4% probability
    10938BC (95.4%) 10602BC
Beta-40655 R_Date(10840,270)
  68.2% probability
    11152BC (68.2%) 10584BC
  95.4% probability
    11351BC (95.4%) 10116BC
Beta-40380 R_Date(11720,240)
  68.2% probability
    11856BC (68.2%) 11386BC
  95.4% probability
    12181BC (95.4%) 11162BC
OxA-15989 R_Date(10225,50)
  68.2% probability
    10108BC (38.1%) 10004BC
    9971BC (30.1%) 9876BC
  95.4% probability
    10174BC (95.4%) 9806BC
CYPRO-PPNA
Hd-27170 R_Date(9465,46)
  68.2% probability
    8815BC (57.5%) 8700BC
    8676BC (10.7%) 8644BC
  95.4% probability
    9118BC (12.8%) 9007BC
    8914BC (0.9%) 8902BC
    8851BC (81.7%) 8624BC
Hd-27180 R_Date(9477,43)
  68.2% probability
    9103BC (2.8%) 9091BC
    8834BC (61.3%) 8705BC
    8670BC (4.2%) 8656BC
  95.4% probability
    9119BC (17.6%) 9005BC
    8916BC (1.4%) 8900BC
    8856BC (76.3%) 8633BC
Hd-27217 R_Date(9525,49)
  68.2% probability
    9118BC (35.3%) 9006BC
    8915BC (4.0%) 8900BC
    8851BC (28.9%) 8762BC
  95.4% probability
    9140BC (95.4%) 8724BC
Hd-27227 R_Date(9452,25)
  68.2% probability
    8778BC (64.1%) 8710BC
    8665BC (4.1%) 8659BC
  95.4% probability
    8807BC (79.7%) 8697BC
    8680BC (15.7%) 8639BC
Hd-27228 R_Date(9432,49)
  68.2% probability
    8766BC (68.2%) 8638BC
  95.4% probability
    9107BC (0.9%) 9090BC
    9041BC (0.4%) 9034BC
    8836BC (94.0%) 8569BC
Hd-27242 R_Date(9497,46)
  68.2% probability
    9116BC (11.5%) 9077BC
    9055BC (10.6%) 9016BC
    8843BC (46.1%) 8726BC
  95.4% probability
    9126BC (30.0%) 8996BC
    8926BC (61.5%) 8698BC
    8680BC (3.9%) 8640BC
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Lyon-290 R_Date(9310,80)
  68.2% probability
    8702BC (6.5%) 8673BC
    8652BC (60.5%) 8452BC
    8362BC (1.2%) 8356BC
  95.4% probability
    8751BC (95.4%) 8318BC
Lyon-3091 R_Date(9225,45)
  68.2% probability
    8538BC (11.3%) 8510BC
    8484BC (29.0%) 8418BC
    8411BC (27.9%) 8346BC
  95.4% probability
    8562BC (95.4%) 8304BC

Lyon-2284 R_Date(9220,50)
68.2% probability
8536BC (8.8%) 8513BC
8482BC (59.4%) 8339BC
95.4% probability
8566BC (95.4%) 8298BC
Lyon-572 R_Date(9205,75)
68.2% probability
8534BC (6.6%) 8514BC
8480BC (61.6%) 8308BC
95.4% probability
8610BC (95.4%) 8286BC
Lyon-1447 R_Date(9180,55)
68.2% probability
8453BC (68.2%) 8301BC
95.4% probability
8548BC (95.4%) 8286BC
Lyon-3038 R_Date(9145,45)
68.2% probability
8429BC (13.1%) 8401BC
8395BC (11.0%) 8370BC
8351BC (44.1%) 8286BC
95.4% probability
8531BC (1.6%) 8518BC
8476BC (93.8%) 8276BC
Lyon-3039 R_Date(9140,45)
68.2% probability
8426BC (11.2%) 8402BC
8394BC (9.8%) 8371BC
8350BC (47.2%) 8284BC
95.4% probability
8530BC (1.3%) 8518BC
8476BC (94.1%) 8274BC
Lyon-3043 R_Date(9115,50)
68.2% probability
8424BC (7.0%) 8405BC
8391BC (4.2%) 8378BC
8349BC (57.0%) 8271BC
95.4% probability
8465BC (95.4%) 8246BC
Lyon-573 R_Date(9110,90)
68.2% probability
8453BC (68.2%) 8248BC
95.4% probability
8610BC (93.0%) 8198BC
8110BC (0.6%) 8092BC
8072BC (0.2%) 8066BC
8040BC (1.6%) 8000BC
Lyon-3042 R_Date(9090,45)
68.2% probability
8314BC (68.2%) 8254BC
95.4% probability
8434BC (9.5%) 8368BC
8351BC (85.9%) 8236BC
Lyon-3044 R_Date(9080,50)
68.2% probability
8312BC (68.2%) 8247BC
95.4% probability
8438BC (9.0%) 8366BC
8352BC (86.4%) 8227BC
Lyon-931 R_Date(8860,90)
68.2% probability
8210BC (56.1%) 7937BC
7926BC (1.7%) 7917BC
7898BC (10.4%) 7840BC
95.4% probability
8256BC (94.8%) 7710BC
7694BC (0.6%) 7684BC
Lyon-930 R_Date(8670,80)
68.2% probability
7786BC (4.4%) 7768BC
7760BC (63.8%) 7590BC
95.4% probability
7964BC (95.4%) 7550BC
Lyon-574 R_Date(8930,75)
68.2% probability
8246BC (23.5%) 8166BC
8126BC (44.7%) 7970BC
95.4% probability
8282BC (95.4%) 7826BC
GIFA-95030 R_Date(8870,90)
68.2% probability
8222BC (60.4%) 7938BC
7926BC (1.3%) 7918BC
7898BC (5.0%) 7868BC
7856BC (1.5%) 7846BC
95.4% probability
8272BC (95.4%) 7725BC
Lyon-2285 R_Date(8940,50)
68.2% probability
8246BC (29.3%) 8174BC
8114BC (9.8%) 8088BC
8078BC (6.9%) 8058BC
8044BC (22.2%) 7986BC
95.4% probability
8270BC (95.4%) 7962BC
Lyon-2286 R_Date(8845,45)
68.2% probability
8185BC (21.9%) 8112BC
8092BC (4.4%) 8074BC
8064BC (5.8%) 8040BC
8000BC (17.7%) 7936BC
7928BC (3.2%) 7914BC
7900BC (15.2%) 7834BC
95.4% probability
8210BC (95.0%) 7787BC
7766BC (0.4%) 7761BC
Lyon-5 R_Date(8825,100)
68.2% probability
8196BC (15.6%) 8111BC
8092BC (3.3%) 8073BC
8064BC (4.1%) 8040BC
7999BC (41.9%) 7781BC
7774BC (3.3%) 7754BC
95.4% probability
8236BC (94.9%) 7648BC
7621BC (0.5%) 7614BC
Lyon-3047 R_Date(8800,45)
68.2% probability
7960BC (62.8%) 7781BC
7774BC (5.4%) 7754BC
95.4% probability
8201BC (10.7%) 8110BC
8093BC (1.6%) 8072BC
8066BC (2.1%) 8039BC
8008BC (80.5%) 7711BC
7694BC (0.5%) 7684BC
Lyon-3085 R_Date(8800,50)
68.2% probability
8158BC (0.7%) 8154BC
7964BC (67.5%) 7750BC
95.4% probability
8203BC (12.2%) 8106BC
8094BC (5.0%) 8037BC
8011BC (77.1%) 7704BC
7698BC (1.1%) 7680BC
Lyon-289 R_Date(8760,80)
68.2% probability
7955BC (68.2%) 7656BC
95.4% probability
8200BC (9.1%) 8109BC
8093BC (4.0%) 8039BC
8007BC (82.2%) 7598BC
Lyon-2283 R_Date(8760,60)
68.2% probability
7946BC (66.1%) 7712BC
7694BC (2.1%) 7684BC
95.4% probability
8171BC (4.7%) 8114BC
8088BC (0.4%) 8080BC
8058BC (0.7%) 8044BC
7988BC (89.6%) 7601BC
Lyon-6 R_Date(8725,100)
68.2% probability
7938BC (7.5%) 7896BC
7872BC (60.7%) 7604BC
95.4% probability
8202BC (8.1%) 8108BC
8094BC (4.0%) 8038BC
8009BC (83.3%) 7585BC
Lyon-291 R_Date(8655,65)
68.2% probability
7727BC (68.2%) 7594BC
95.4% probability
7938BC (0.9%) 7924BC
7918BC (1.4%) 7897BC
7870BC (93.1%) 7576BC
Lyon-929 R_Date(8700,70)
68.2% probability
7811BC (1.1%) 7806BC
7794BC (67.1%) 7598BC
95.4% probability
7963BC (95.4%) 7584BC
Lyon-11634 R_Date(8740,125)
68.2% probability
7963BC (68.2%) 7600BC
95.4% probability
8211BC (95.4%) 7586BC
Lyon-1261 R_Date(8735,75)
68.2% probability
7937BC (2.5%) 7926BC
7918BC (4.4%) 7898BC
7841BC (61.4%) 7610BC
95.4% probability
8180BC (4.7%) 8112BC
8090BC (0.7%) 8076BC

8061BC (0.9%) 8042BC
7996BC (89.1%) 7591BC
Lyon-1262 R_Date(8670,80)
68.2% probability
7786BC (4.4%) 7768BC
7760BC (63.8%) 7590BC
95.4% probability
7964BC (95.4%) 7550BC
PA-1555 R_Date(8435,120)
68.2% probability
7588BC (68.2%) 7354BC
95.4% probability
7716BC (94.8%) 7166BC
7158BC (0.6%) 7142BC
PA-???? R_Date(8620,200)
68.2% probability
8166BC (3.4%) 8126BC
7970BC (64.8%) 7485BC
95.4% probability
8271BC (94.6%) 7296BC
7224BC (0.8%) 7194BC
GIF A-95034 R_Date(8390,90)
68.2% probability
7544BC (68.2%) 7352BC
95.4% probability
7588BC (91.0%) 7248BC
7232BC (4.4%) 7188BC
GIF A-95033 R_Date(8340,100)
68.2% probability
7526BC (64.9%) 7304BC
7217BC (3.3%) 7200BC
95.4% probability
7577BC (94.9%) 7141BC
7096BC (0.5%) 7090BC
GIF A-95032 R_Date(8230,90)
68.2% probability
7422BC (1.3%) 7415BC
7354BC (61.5%) 7128BC
7107BC (5.4%) 7083BC
95.4% probability
7485BC (95.4%) 7060BC
Lyon-292 R_Date(8125,70)
68.2% probability
7292BC (4.1%) 7272BC
7255BC (6.0%) 7227BC
7190BC (58.1%) 7046BC
95.4% probability
7344BC (87.9%) 6983BC
6973BC (3.7%) 6910BC
6884BC (3.8%) 6829BC
OxA-7460 R_Date(9315,60)
68.2% probability
8696BC (3.4%) 8682BC
8640BC (64.8%) 8469BC
95.4% probability
8735BC (88.7%) 8418BC
8411BC (6.7%) 8346BC
AA-33128 R_Date(9235,70)
68.2% probability
8548BC (68.2%) 8344BC
95.4% probability
8624BC (95.4%) 8296BC
AA-33129 R_Date(9110,70)
68.2% probability
8430BC (18.9%) 8370BC
8351BC (49.3%) 8253BC
95.4% probability
8543BC (4.3%) 8505BC
8491BC (91.1%) 8228BC
OxA-7461 R_Date(8185,55)
68.2% probability
7292BC (8.9%) 7268BC
7259BC (12.7%) 7225BC
7193BC (46.5%) 7081BC
95.4% probability
7346BC (95.4%) 7060BC
AA-33130 R_Date(8025,65)
68.2% probability
7062BC (48.9%) 6907BC
6886BC (19.3%) 6828BC
95.4% probability
7132BC (2.0%) 7104BC
7084BC (93.4%) 6696BC
OxA-13996 R_Date(8820,38)
68.2% probability
8165BC (7.8%) 8135BC
7970BC (60.4%) 7792BC
95.4% probability
8201BC (16.5%) 8110BC
8093BC (2.5%) 8072BC
8066BC (3.3%) 8039BC
8008BC (73.1%) 7748BC
GrA-36019 adjusted -400 14C yrs
R_Date(8540,40)
68.2% probability
7592BC (68.2%) 7550BC
95.4% probability
7600BC (95.4%) 7528BC
OxA-X-2232-27 adjusted -400 14C yrs
R_Date(8522,39)
68.2% probability
7586BC (68.2%) 7546BC
95.4% probability
7596BC (95.4%) 7525BC
UCLA-307 adjusted -400 14C yrs
R_Date(7950,250)
68.2% probability
7178BC (67.4%) 6569BC
6542BC (0.8%) 6532BC
95.4% probability
7517BC (95.4%) 6404BC
Ais Yiorkis
DRI-3441 bone R_Date(7867,106)
68.2% probability
7022BC (1.7%) 7012BC
7006BC (6.5%) 6968BC
6945BC (1.5%) 6936BC
6914BC (5.8%) 6882BC
6834BC (52.8%) 6599BC
95.4% probability
7046BC (95.4%) 6506BC
DRI-3442 bone R_Date(7540,169)
68.2% probability
6588BC (1.0%) 6581BC
6570BC (4.5%) 6541BC
6534BC (62.7%) 6230BC
95.4% probability
6770BC (95.4%) 6030BC
DRI-3443 bone R_Date(7658,105)
68.2% probability
6606BC (68.2%) 6426BC
95.4% probability
6746BC (0.7%) 6725BC
6700BC (91.3%) 6328BC
6318BC (3.4%) 6252BC
CAMS-94861 bone R_Date(8290,35)
68.2% probability
7454BC (31.2%) 7392BC
7382BC (37.0%) 7306BC
95.4% probability
7478BC (85.7%) 7250BC
7230BC (9.7%) 7189BC
Beta-183649 charred material
R_Date(8480,40)
68.2% probability
7576BC (68.2%) 7530BC
95.4% probability
7586BC (95.4%) 7498BC
Beta-183650 charred material
R_Date(8600,40)
68.2% probability
7648BC (14.7%) 7622BC
7614BC (53.5%) 7578BC
95.4% probability
7722BC (94.9%) 7568BC
7558BC (0.5%) 7554BC
Beta-183651 charred material
R_Date(8580,40)
68.2% probability
7609BC (68.2%) 7570BC
95.4% probability
7678BC (95.4%) 7538BC
Beta-203857 charcoal R_Date(8530,40)
68.2% probability
7589BC (68.2%) 7548BC
95.4% probability
7597BC (95.4%) 7528BC
Beta-213412 charred seeds
R_Date(8510,50)
68.2% probability
7586BC (68.2%) 7536BC
95.4% probability
7598BC (95.4%) 7499BC
Beta-213413 charred material
R_Date(6840,40)
68.2% probability
5746BC (68.2%) 5670BC
95.4% probability
5808BC (95.4%) 5642BC
Beta-213414 charred material
R_Date(8590,50)
68.2% probability
7652BC (68.2%) 7570BC
95.4% probability
7722BC (95.4%) 7540BC

Beta-213415 charred seeds
R_Date(8450,60)
68.2% probability
7576BC (68.2%) 7490BC
95.4% probability
7592BC (87.6%) 7448BC
7412BC (7.8%) 7359BC
Beta-213417 charred material
R_Date(8720,60)
68.2% probability
7816BC (68.2%) 7608BC
95.4% probability
7956BC (95.4%) 7596BC
Beta-220596 charred material
R_Date(8620,40)
68.2% probability
7656BC (68.2%) 7584BC
95.4% probability
7726BC (95.4%) 7580BC
Beta-220598 organic sediment
R_Date(8190,60)
68.2% probability
7298BC (26.5%) 7222BC
7196BC (41.7%) 7082BC
95.4% probability
7446BC (0.7%) 7436BC
7422BC (0.6%) 7414BC
7356BC (94.0%) 7058BC
Beta-243928 charcoal R_Date(8390,50)
68.2% probability
7533BC (53.4%) 7451BC
7406BC (14.8%) 7371BC
95.4% probability
7570BC (95.4%) 7342BC
Beta-256039 charred einkorn seed
R_Date(8470,50)
68.2% probability
7578BC (68.2%) 7519BC
95.4% probability
7593BC (95.4%) 7470BC
Beta-256040 charred barley seed
R_Date(8440,60)
68.2% probability
7576BC (68.2%) 7481BC
95.4% probability
7589BC (83.5%) 7446BC
7436BC (1.4%) 7424BC
7414BC (10.4%) 7356BC
Beta-256041 charred einkorn seed
R_Date(8430,50)
68.2% probability
7568BC (5.3%) 7559BC
7553BC (62.9%) 7480BC
95.4% probability
7584BC (86.2%) 7448BC
7411BC (9.2%) 7359BC
AA-10495 charcoal R_Date(7255,60)
68.2% probability
6211BC (39.3%) 6136BC
6116BC (28.9%) 6062BC
95.4% probability
6231BC (95.4%) 6016BC

Kalavasos Tenta

P-2972 charcoal R_Date(9240,130)
68.2% probability
8608BC (68.2%) 8306BC
95.4% probability
9108BC (0.3%) 9088BC
8836BC (95.1%) 8224BC
P-2976 charcoal R_Date(8870,500)
68.2% probability
8746BC (67.6%) 7453BC
7394BC (0.6%) 7378BC
95.4% probability
9453BC (95.4%) 6686BC
P-2785 charcoal R_Date(8720,400)
68.2% probability
8342BC (68.2%) 7336BC
95.4% probability
9120BC (1.3%) 9004BC
8918BC (0.2%) 8896BC
8866BC (93.9%) 6818BC
P-2554 charcoal R_Date(8480,110)
68.2% probability
7604BC (58.6%) 7448BC
7410BC (9.6%) 7361BC
95.4% probability
7751BC (93.7%) 7250BC
7230BC (1.7%) 7188BC
P-2548 charcoal R_Date(8350,200)
68.2% probability
7581BC (68.2%) 7142BC
95.4% probability
7937BC (0.2%) 7926BC
7917BC (0.3%) 7898BC
7866BC (0.1%) 7859BC
7842BC (94.8%) 6772BC
P-2974 charcoal R_Date(8020,90)
68.2% probability
7070BC (65.5%) 6801BC
6791BC (2.7%) 6776BC
95.4% probability
7181BC (95.4%) 6651BC
P-2973 charcoal R_Date(8010,360)
68.2% probability
7448BC (2.4%) 7411BC
7360BC (65.0%) 6568BC
6544BC (0.8%) 6531BC
95.4% probability
7937BC (0.1%) 7926BC
7917BC (0.2%) 7898BC
7840BC (94.7%) 6207BC
6141BC (0.4%) 6107BC
P-2782 charcoal R_Date(7600,100)
68.2% probability
6588BC (2.1%) 6580BC
6572BC (66.1%) 6382BC
95.4% probability
6638BC (95.4%) 6250BC
P-2555 charcoal R_Date(7430,90)
68.2% probability
6404BC (68.2%) 6227BC
95.4% probability
6446BC (95.4%) 6092BC

P-2978 charcoal R_Date(7400,260)
68.2% probability
6504BC (68.2%) 6000BC
95.4% probability
7000BC (0.1%) 6992BC
6985BC (0.2%) 6972BC
6912BC (0.5%) 6884BC
6830BC (94.5%) 5735BC
P-2784 charcoal R_Date(7380,100)
68.2% probability
6379BC (55.3%) 6206BC
6188BC (1.0%) 6184BC
6170BC (2.4%) 6160BC
6142BC (9.5%) 6106BC
95.4% probability
6432BC (95.4%) 6061BC
P-2552 charcoal R_Date(7250,100)
68.2% probability
6218BC (68.2%) 6031BC
95.4% probability
6368BC (93.8%) 5979BC
5946BC (1.6%) 5924BC
P-2550 charcoal R_Date(7180,90)
68.2% probability
6206BC (10.1%) 6168BC
6162BC (5.6%) 6141BC
6108BC (52.5%) 5984BC
95.4% probability
6236BC (95.4%) 5881BC
P-2551 charcoal R_Date(7140,90)
68.2% probability
6089BC (50.8%) 5964BC
5958BC (17.4%) 5900BC
95.4% probability
6221BC (95.4%) 5841BC
P-2783 charcoal R_Date(7130,410)
68.2% probability
6420BC (68.2%) 5644BC
95.4% probability
7038BC (95.4%) 5317BC
P-2779 charcoal R_Date(7120,90)
68.2% probability
6070BC (68.2%) 5896BC
95.4% probability
6213BC (94.3%) 5834BC
5826BC (1.1%) 5810BC
P-2553 charcoal R_Date(7110,90)
68.2% probability
6066BC (68.2%) 5892BC
95.4% probability
6210BC (6.4%) 6136BC
6120BC (89.0%) 5790BC
P-2975 charcoal R_Date(6970,310)
68.2% probability
6208BC (5.8%) 6140BC
6110BC (61.6%) 5616BC
5582BC (0.8%) 5573BC
95.4% probability
6462BC (95.4%) 5324BC
P-2977 charcoal R_Date(6580,290)
68.2% probability
5787BC (68.2%) 5220BC

95.4% probability
6062BC (95.1%) 4896BC
4866BC (0.3%) 4851BC
P-2781 charcoal R_Date(6300,80)
68.2% probability
5462BC (2.0%) 5450BC
5376BC (64.2%) 5207BC
5144BC (0.7%) 5140BC
5090BC (1.3%) 5082BC
95.4% probability
5470BC (78.1%) 5196BC
5180BC (17.3%) 5061BC
P-2775 R_Date(7990,80)
68.2% probability
7049BC (66.4%) 6806BC
6786BC (1.8%) 6778BC
95.4% probability
7081BC (95.4%) 6650BC
P-2768 R_Date(7400,60)
68.2% probability
6368BC (68.2%) 6226BC
95.4% probability
6414BC (83.9%) 6202BC
6194BC (1.3%) 6181BC
6174BC (10.2%) 6098BC
GX-2848A R_Date(7290,465)
68.2% probability
6645BC (67.7%) 5706BC
5686BC (0.5%) 5676BC
95.4% probability
7352BC (95.4%) 5366BC
Khirokitia and LAN
St-415 R_Date(7655,160)
68.2% probability
6686BC (65.7%) 6356BC
6292BC (2.5%) 6268BC
95.4% probability
7029BC (4.0%) 6929BC
6922BC (2.0%) 6876BC
6862BC (89.4%) 6222BC
St-414 R_Date(7515,125)
68.2% probability
6468BC (68.2%) 6238BC
95.4% probability
6598BC (95.4%) 6094BC
St-416 R_Date(7445,160)
68.2% probability
6454BC (59.3%) 6206BC
6189BC (0.8%) 6184BC
6170BC (1.7%) 6160BC
6142BC (6.4%) 6105BC
95.4% probability
6601BC (95.4%) 6010BC
BM-852 R_Date(7294,78)
68.2% probability
6226BC (68.2%) 6074BC
95.4% probability
6361BC (8.0%) 6288BC
6271BC (87.4%) 6015BC
BM-853 R_Date(7451,81)
68.2% probability
6398BC (68.2%) 6244BC
95.4% probability
6460BC (90.2%) 6204BC
6191BC (0.5%) 6183BC
6172BC (1.0%) 6156BC
6144BC (3.6%) 6101BC
BM-854 R_Date(7442,61)
68.2% probability
6380BC (68.2%) 6250BC
95.4% probability
6440BC (95.2%) 6213BC
6128BC (0.2%) 6125BC
BM-855 R_Date(7308,74)
68.2% probability
6232BC (68.2%) 6078BC
95.4% probability
6363BC (10.2%) 6284BC
6274BC (85.2%) 6027BC
Ly 3716 charcoal R_Date(7000,150)
68.2% probability
6006BC (68.2%) 5738BC
95.4% probability
6208BC (3.5%) 6139BC
6111BC (91.9%) 5631BC
Ly 4787 bone R_Date(7070,610)
68.2% probability
6644BC (68.2%) 5364BC
95.4% probability
7504BC (95.4%) 4794BC
Ly 3718 charcoal R_Date(7930,320)
68.2% probability
7284BC (0.5%) 7276BC
7251BC (1.5%) 7230BC
7188BC (66.2%) 6470BC
95.4% probability
7596BC (95.2%) 6212BC
6135BC (0.2%) 6118BC
Ly 4786 bone R_Date(6590,260)
68.2% probability
5776BC (66.9%) 5296BC
5246BC (1.3%) 5230BC
95.4% probability
6020BC (95.3%) 4981BC
4970BC (0.1%) 4964BC
Ly 4306 charcoal R_Date(6310,170)
68.2% probability
5471BC (51.3%) 5202BC
5176BC (16.9%) 5070BC
95.4% probability
5613BC (1.0%) 5588BC
5566BC (93.5%) 4881BC
4870BC (0.9%) 4848BC
Ly 4308 charcoal R_Date(7470,140)
68.2% probability
6466BC (67.6%) 6212BC
6130BC (0.6%) 6126BC
95.4% probability
6592BC (95.4%) 6062BC
Ly 4307 charcoal R_Date(7930,130)
68.2% probability
7032BC (68.2%) 6682BC
95.4% probability
7175BC (95.4%) 6500BC
Ly 4785 bone R_Date(8850,650)
68.2% probability
9116BC (1.1%) 9076BC
9056BC (1.1%) 9014BC
8912BC (0.2%) 8905BC
8844BC (65.8%) 7178BC
95.4% probability
10032BC (95.4%) 6496BC
Ly 4309 charcoal R_Date(6230,160)
68.2% probability
5365BC (68.2%) 4992BC
95.4% probability
5484BC (95.4%) 4794BC
Ly 3717 charcoal R_Date(7700,150)
68.2% probability
6748BC (2.6%) 6724BC
6701BC (65.6%) 6395BC
95.4% probability
7030BC (5.6%) 6928BC
6924BC (2.8%) 6876BC
6863BC (83.4%) 6332BC
6316BC (3.6%) 6254BC
Ly 3719 charcoal R_Date(7540,180)
68.2% probability
6591BC (68.2%) 6228BC
95.4% probability
6822BC (95.4%) 6018BC
MC 803 charcoal R_Date(6140,200)
68.2% probability
5304BC (68.2%) 4845BC
95.4% probability
5482BC (95.4%) 4610BC
MC 807 charcoal R_Date(7450,120)
68.2% probability
6440BC (68.2%) 6218BC
95.4% probability
6557BC (0.2%) 6552BC
6506BC (95.2%) 6058BC
MC 805 charcoal R_Date(7775,125)
68.2% probability
6772BC (68.2%) 6463BC
95.4% probability
7032BC (95.4%) 6433BC
Unknown A from Held 1992b
R_Date(6760,140)
68.2% probability
5787BC (68.2%) 5538BC
95.4% probability
5980BC (2.1%) 5945BC
5924BC (93.3%) 5474BC
Unknown B from Held 1992b
R_Date(6275,105)
68.2% probability
5363BC (46.1%) 5202BC
5173BC (22.1%) 5072BC
95.4% probability
5472BC (95.4%) 4998BC
Beta-56889 bone R_Date(6450,230)
68.2% probability
5635BC (65.8%) 5207BC
5146BC (0.7%) 5138BC
5128BC (0.6%) 5121BC

5092BC (1.1%) 5080BC
95.4% probability
5835BC (0.2%) 5826BC
5812BC (94.7%) 4882BC
4870BC (0.5%) 4849BC
OxA-805 R_Date(6330,100)
68.2% probability
5466BC (7.5%) 5436BC
5425BC (4.9%) 5405BC
5384BC (55.7%) 5216BC
95.4% probability
5482BC (95.4%) 5053BC
Ceramic Neolithic
GX-2847A charred bone
R_Date(6415,310)
68.2% probability
5639BC (68.2%) 5008BC
95.4% probability
5981BC (0.8%) 5943BC
5926BC (94.6%) 4692BC
P-2769 charred bone
R_Date(5700,100)
68.2% probability
4684BC (14.2%) 4630BC
4624BC (54.0%) 4454BC
95.4% probability
4770BC (1.3%) 4752BC
4746BC (94.1%) 4350BC
OxA-11561 charred residue from bone
R_Date(5345,40)
68.2% probability
4258BC (15.7%) 4224BC
4207BC (24.2%) 4160BC
4131BC (28.4%) 4068BC
95.4% probability
4322BC (8.2%) 4291BC
4266BC (87.2%) 4050BC
Ayios Epiktitos Vrysi
BM-847 charcoal R_Date(5389,53)
68.2% probability
4333BC (55.6%) 4228BC
4199BC (10.6%) 4171BC
4089BC (2.0%) 4082BC
95.4% probability
4341BC (59.8%) 4220BC
4211BC (17.5%) 4150BC
4134BC (18.1%) 4054BC
BM-846 charcoal R_Date(5372,92)
68.2% probability
4330BC (34.9%) 4224BC
4207BC (14.8%) 4160BC
4131BC (18.4%) 4069BC
95.4% probability
4361BC (95.4%) 3985BC
BM-845 charcoal R_Date(5360,57)
68.2% probability
4322BC (12.2%) 4290BC
4266BC (17.6%) 4224BC
4206BC (17.6%) 4162BC
4130BC (20.8%) 4072BC
95.4% probability
4330BC (95.4%) 4050BC
Birm-182 charcoal R_Date(5825,145)
68.2% probability
4842BC (68.2%) 4502BC
95.4% probability
5031BC (95.4%) 4361BC
Birm-337 charcoal R_Date(5740,140)
68.2% probability
4768BC (2.0%) 4754BC
4742BC (1.1%) 4735BC
4729BC (65.1%) 4450BC
95.4% probability
4934BC (95.4%) 4336BC
GU-522 charcoal R_Date(5420,80)
68.2% probability
4353BC (54.1%) 4228BC
4201BC (8.9%) 4169BC
4127BC (1.7%) 4120BC
4094BC (3.5%) 4079BC
95.4% probability
4446BC (2.5%) 4419BC
4399BC (1.4%) 4381BC
4374BC (91.5%) 4046BC
BM-843 charcoal R_Date(5355,67)
68.2% probability
4321BC (9.9%) 4292BC
4265BC (15.9%) 4223BC
4208BC (19.4%) 4156BC
4132BC (23.0%) 4066BC
95.4% probability
4337BC (94.7%) 4041BC
4011BC (0.7%) 4004BC
GU-523 charcoal R_Date(5340,95)
68.2% probability
4314BC (4.0%) 4300BC
4261BC (64.2%) 4051BC
95.4% probability
4346BC (95.4%) 3976BC
BM-848 charcoal R_Date(5330,57)
68.2% probability
4241BC (36.0%) 4146BC
4136BC (32.2%) 4053BC
95.4% probability
4327BC (8.6%) 4283BC
4271BC (84.7%) 4040BC
4016BC (2.1%) 4000BC
BM-844 charcoal R_Date(5275,47)
68.2% probability
4228BC (12.4%) 4201BC
4169BC (20.0%) 4127BC
4120BC (10.9%) 4094BC
4079BC (18.4%) 4040BC
4016BC (6.5%) 4000BC
95.4% probability
4234BC (95.4%) 3984BC
GU-524 charcoal R_Date(5255,120)
68.2% probability
4236BC (68.2%) 3966BC
95.4% probability
4338BC (88.2%) 3895BC
3881BC (7.2%) 3800BC
GU-1459 charcoal R_Date(5210,85)
68.2% probability
4228BC (6.6%) 4201BC
4169BC (10.8%) 4127BC
4120BC (5.6%) 4094BC
4079BC (45.2%) 3951BC
95.4% probability
4256BC (85.7%) 3894BC
3881BC (9.7%) 3800BC
BM-1908R charcoal R_Date(5360,110)
68.2% probability
4327BC (12.5%) 4282BC
4272BC (15.2%) 4218BC
4214BC (18.2%) 4148BC
4135BC (22.3%) 4054BC
95.4% probability
4444BC (1.3%) 4421BC
4394BC (0.4%) 4386BC
4373BC (93.8%) 3965BC
BM-849 charcoal R_Date(5224,78)
68.2% probability
4226BC (7.1%) 4202BC
4167BC (11.7%) 4128BC
4116BC (4.8%) 4098BC
4076BC (44.6%) 3961BC
95.4% probability
4312BC (0.5%) 4302BC
4260BC (89.5%) 3932BC
3876BC (5.4%) 3806BC
BM-1907R charcoal R_Date(5290,100)
68.2% probability
4237BC (60.7%) 4036BC
4022BC (7.5%) 3994BC
95.4% probability
4346BC (95.2%) 3943BC
3854BC (0.2%) 3848BC
MB-1906R charcoal R_Date(5360,120)
68.2% probability
4328BC (12.5%) 4280BC
4274BC (34.0%) 4146BC
4136BC (21.7%) 4052BC
95.4% probability
4448BC (2.2%) 4413BC
4406BC (93.2%) 3961BC
OxA-6175 charcoal R_Date(6270,60)
68.2% probability
5323BC (63.1%) 5207BC
5144BC (1.4%) 5138BC
5127BC (1.2%) 5122BC
5092BC (2.5%) 5081BC
95.4% probability
5368BC (95.4%) 5056BC
OxA-6174 charcoal R_Date(5445,60)
68.2% probability
4350BC (68.2%) 4242BC
95.4% probability
4448BC (3.2%) 4416BC
4404BC (81.0%) 4224BC
4206BC (6.2%) 4161BC
4130BC (5.0%) 4070BC
LTL 824A charcoal R_Date(5358,60)
68.2% probability
4322BC (11.3%) 4291BC
4266BC (17.1%) 4224BC

4206BC (18.0%) 4161BC
4131BC (21.8%) 4070BC
95.4% probability
4332BC (95.4%) 4046BC
LTL 827A charcoal R_Date(5406,60)
68.2% probability
4340BC (60.6%) 4230BC
4196BC (7.6%) 4174BC
95.4% probability
4354BC (80.1%) 4146BC
4136BC (15.3%) 4052BC
LTL 829A seed R_Date(5322,40)
68.2% probability
4234BC (5.3%) 4222BC
4210BC (26.4%) 4154BC
4134BC (36.4%) 4058BC
95.4% probability
4317BC (2.5%) 4298BC
4262BC (92.9%) 4042BC
LTL 831A charcoal+seed
R_Date(5429,50)
68.2% probability
4339BC (68.2%) 4246BC
95.4% probability
4364BC (84.4%) 4224BC
4206BC (6.5%) 4161BC
4130BC (1.6%) 4111BC
4104BC (3.0%) 4070BC
LTL 832A charcoal R_Date(5407,60)
68.2% probability
4341BC (60.8%) 4230BC
4196BC (7.4%) 4174BC
95.4% probability
4354BC (80.4%) 4146BC
4136BC (15.0%) 4052BC
LTL 1053A charcoal R_Date(5135,60)
68.2% probability
4034BC (3.1%) 4025BC
3992BC (32.7%) 3931BC
3876BC (32.4%) 3805BC
95.4% probability
4052BC (95.4%) 3774BC
St-337 charcoal R_Date(5460,110)
68.2% probability
4450BC (61.5%) 4228BC
4199BC (5.5%) 4171BC
4089BC (1.2%) 4082BC
95.4% probability
4520BC (95.0%) 4041BC
4012BC (0.4%) 4004BC
St-350 charcoal R_Date(5150,130)
68.2% probability
4224BC (2.5%) 4207BC
4160BC (4.3%) 4131BC
4068BC (61.4%) 3781BC
95.4% probability
4312BC (0.5%) 4302BC
4260BC (94.1%) 3694BC
3680BC (0.8%) 3665BC
Birm-72 carbon (hearth)
R_Date(5720,100)
68.2% probability
4686BC (68.2%) 4462BC
95.4% probability
4781BC (95.4%) 4361BC
St-419 charcoal R_Date(5140,110)
68.2% probability
4051BC (68.2%) 3780BC
95.4% probability
4234BC (95.4%) 3704BC
Wk-26434 pistachio charcoal
R_Date(5349,30)
68.2% probability
4308BC (1.3%) 4304BC
4259BC (18.3%) 4224BC
4206BC (25.1%) 4162BC
4130BC (8.4%) 4112BC
4104BC (15.1%) 4072BC
95.4% probability
4322BC (8.1%) 4292BC
4266BC (54.4%) 4146BC
4136BC (33.0%) 4052BC
Wk-26435 olive branch
R_Date(5488,43)
68.2% probability
4368BC (50.6%) 4322BC
4292BC (17.6%) 4266BC
95.4% probability
4448BC (10.1%) 4416BC
4404BC (85.3%) 4258BC
Early-Middle Chalcolithic
OxA-7464 charcoal R_Date(4885,45)
68.2% probability
3702BC (68.2%) 3641BC
95.4% probability
3776BC (91.7%) 3632BC
3559BC (3.7%) 3537BC
BM-1475 charcoal R_Date(4815,60)
68.2% probability
3658BC (20.4%) 3622BC
3606BC (47.8%) 3522BC
95.4% probability
3708BC (88.0%) 3500BC
3430BC (7.4%) 3379BC
BM-1539 charcoal R_Date(4790,80)
68.2% probability
3652BC (60.3%) 3515BC
3422BC (1.5%) 3417BC
3412BC (1.9%) 3404BC
3398BC (4.4%) 3384BC
95.4% probability
3709BC (74.0%) 3484BC
3475BC (21.4%) 3370BC
BM-1473 charcoal R_Date(4765,55)
68.2% probability
3638BC (66.8%) 3518BC
3392BC (1.4%) 3389BC
95.4% probability
3650BC (74.3%) 3496BC
3460BC (21.1%) 3376BC
BM-1540 charcoal R_Date(4740,50)
68.2% probability
3633BC (38.7%) 3556BC
3538BC (12.6%) 3512BC
3424BC (16.9%) 3383BC
95.4% probability
3638BC (66.1%) 3496BC
3460BC (29.3%) 3376BC
BM-1474 charcoal R_Date(4665,50)
68.2% probability
3516BC (60.6%) 3398BC
3384BC (7.6%) 3370BC
95.4% probability
3630BC (10.7%) 3580BC
3534BC (84.7%) 3355BC
BM-1476 charcoal R_Date(4650,50)
68.2% probability
3514BC (55.2%) 3422BC
3404BC (2.2%) 3399BC
3384BC (10.8%) 3364BC
95.4% probability
3630BC (7.6%) 3579BC
3534BC (87.8%) 3343BC
OxA-7463 Pistacia R_Date(4710,50)
68.2% probability
3628BC (17.4%) 3588BC
3528BC (14.6%) 3497BC
3454BC (36.2%) 3377BC
95.4% probability
3634BC (29.4%) 3552BC
3541BC (21.5%) 3484BC
3476BC (44.5%) 3370BC
OxA-7462 Pistacia R_Date(4650,50)
68.2% probability
3514BC (55.2%) 3422BC
3404BC (2.2%) 3399BC
3384BC (10.8%) 3364BC
95.4% probability
3630BC (7.6%) 3579BC
3534BC (87.8%) 3343BC
BM-1832R charcoal R_Date(5040,110)
68.2% probability
3954BC (60.1%) 3758BC
3743BC (8.1%) 3713BC
95.4% probability
4220BC (0.2%) 4212BC
4150BC (0.5%) 4134BC
4054BC (94.8%) 3634BC
BM-1834R charcoal R_Date(5030,120)
68.2% probability
3950BC (68.2%) 3710BC
95.4% probability
4224BC (0.5%) 4208BC
4157BC (0.8%) 4132BC
4067BC (92.7%) 3631BC
3578BC (1.4%) 3535BC
BM-1833R charcoal R_Date(5000,170)
68.2% probability
3984BC (68.2%) 3636BC
95.4% probability
4232BC (2.0%) 4188BC
4182BC (90.9%) 3498BC
3436BC (2.5%) 3378BC
BM-1836R charcoal R_Date(4700,310)
68.2% probability
3789BC (68.2%) 3022BC

95.4% probability
4230BC (0.6%) 4195BC
4174BC (91.4%) 2834BC
2818BC (3.2%) 2662BC
2648BC (0.2%) 2636BC
P-2780 carbon R_Date(5460,110)
68.2% probability
4450BC (61.5%) 4228BC
4199BC (5.5%) 4171BC
4089BC (1.2%) 4082BC
95.4% probability
4520BC (95.0%) 4041BC
4012BC (0.4%) 4004BC
GU-3397 charcoal R_Date(5320,90)
68.2% probability
4257BC (68.2%) 4044BC
95.4% probability
4334BC (95.4%) 3978BC
OxA-2965 Gramineae R_Date(5100,80)
68.2% probability
3972BC (68.2%) 3797BC
95.4% probability
4052BC (95.4%) 3696BC
OxA-2964 charcoal R_Date(4860,80)
68.2% probability
3760BC (4.5%) 3741BC
3730BC (1.0%) 3726BC
3714BC (40.2%) 3626BC
3596BC (22.4%) 3526BC
95.4% probability
3910BC (1.8%) 3878BC
3803BC (88.9%) 3498BC
3435BC (4.7%) 3378BC
GU-2967 charcoal R_Date(5540,110)
68.2% probability
4502BC (60.1%) 4316BC
4298BC (8.1%) 4262BC
95.4% probability
4681BC (1.9%) 4636BC
4620BC (87.8%) 4224BC
4206BC (2.8%) 4161BC
4130BC (2.9%) 4070BC
AA-10497 Vitis Vinifera
R_Date(4605,55)
68.2% probability
3510BC (36.3%) 3426BC
3382BC (22.6%) 3334BC
3211BC (5.3%) 3191BC
3152BC (3.9%) 3136BC
95.4% probability
3622BC (1.1%) 3608BC
3522BC (70.8%) 3309BC
3298BC (1.1%) 3283BC
3276BC (0.9%) 3264BC
3240BC (21.6%) 3104BC
AA-10496 Lens - 3A? R_Date(4285,60)
68.2% probability
3016BC (68.2%) 2872BC
95.4% probability
3090BC (78.5%) 2848BC
2814BC (12.5%) 2740BC
2730BC (3.9%) 2693BC
2688BC (0.5%) 2679BC
BM-2526 Pinus R_Date(4690,70)
68.2% probability
3626BC (10.7%) 3596BC
3526BC (15.7%) 3486BC
3474BC (41.7%) 3372BC
95.4% probability
3638BC (95.4%) 3356BC
BM-2228 Pinus, Olea R_Date(4600,60)
68.2% probability
3510BC (31.2%) 3426BC
3382BC (21.7%) 3331BC
3214BC (7.9%) 3186BC
3156BC (7.4%) 3126BC
95.4% probability
3621BC (1.0%) 3608BC
3522BC (68.0%) 3263BC
3244BC (26.4%) 3101BC
OxA-2963 charcoal R_Date(4520,80)
68.2% probability
3358BC (25.9%) 3262BC
3250BC (42.3%) 3099BC
95.4% probability
3498BC (4.9%) 3437BC
3378BC (86.7%) 3006BC
2990BC (3.8%) 2930BC
BM-2568 Pinus R_Date(4490,50)
68.2% probability
3336BC (25.6%) 3262BC
3254BC (15.3%) 3209BC
3192BC (13.8%) 3151BC
3138BC (13.5%) 3098BC
95.4% probability
3359BC (95.4%) 3023BC
OxA-2962 Lens/Gramineae
R_Date(4370,70)
68.2% probability
3090BC (68.2%) 2906BC
95.4% probability
3331BC (14.3%) 3214BC
3186BC (2.8%) 3156BC
3128BC (78.3%) 2884BC
OxA-2961 seed R_Date(4310,75)
68.2% probability
3086BC (5.7%) 3062BC
3030BC (62.5%) 2875BC
95.4% probability
3322BC (4.5%) 3235BC
3172BC (0.4%) 3162BC
3116BC (79.1%) 2839BC
2814BC (11.4%) 2676BC
OxA-2162 Morus R_Date(4300,80)
68.2% probability
3086BC (5.1%) 3061BC
3030BC (57.8%) 2867BC
2804BC (4.8%) 2776BC
2768BC (0.5%) 2764BC
95.4% probability
3322BC (4.1%) 3236BC
3172BC (0.4%) 3162BC
3116BC (73.0%) 2833BC
2819BC (17.2%) 2661BC
2650BC (0.6%) 2634BC
OxA-2161 Morus R_Date(4290,80)
68.2% probability
3081BC (2.4%) 3068BC
3026BC (55.6%) 2864BC
2806BC (9.6%) 2760BC
2716BC (0.5%) 2714BC
95.4% probability
3312BC (0.6%) 3294BC
3286BC (0.4%) 3274BC
3266BC (1.4%) 3238BC
3106BC (69.4%) 2828BC
2824BC (23.5%) 2626BC
GU-2968 charcoal R_Date(4240,100)
68.2% probability
3006BC (2.5%) 2990BC
2930BC (25.0%) 2832BC
2819BC (37.9%) 2660BC
2651BC (2.8%) 2634BC
95.4% probability
3264BC (0.6%) 3245BC
3101BC (93.7%) 2566BC
2524BC (1.1%) 2496BC
GU-2168 Pinus R_Date(4210,105)
68.2% probability
2910BC (20.3%) 2831BC
2821BC (47.9%) 2630BC
95.4% probability
3090BC (1.7%) 3052BC
3031BC (93.7%) 2488BC
GU-2426 Morus R_Date(3880,100)
68.2% probability
2476BC (68.2%) 2202BC
95.4% probability
2620BC (91.7%) 2111BC
2103BC (3.7%) 2036BC
GU-2357 charcoal R_Date(4020,110)
68.2% probability
2857BC (7.6%) 2811BC
2748BC (3.6%) 2724BC
2698BC (51.8%) 2456BC
2418BC (1.7%) 2406BC
2376BC (3.5%) 2350BC
95.4% probability
2881BC (94.4%) 2283BC
2248BC (0.8%) 2232BC
2217BC (0.1%) 2214BC
GU-2536 Pistacia (similar to)
R_Date(4170,80)
68.2% probability
2881BC (14.9%) 2834BC
2818BC (50.1%) 2663BC
2648BC (3.2%) 2636BC
95.4% probability
2913BC (93.3%) 2566BC
2524BC (2.1%) 2496BC
BM-1543 charcoal R_Date(5000,260)
68.2% probability
4224BC (1.3%) 4207BC
4160BC (2.2%) 4131BC
4069BC (64.1%) 3517BC
3395BC (0.7%) 3386BC

95.4% probability
4364BC (92.6%) 3264BC
3240BC (2.8%) 3104BC
HAR-6173 charcoal R_Date(4280,100)
68.2% probability
3085BC (3.5%) 3063BC
3028BC (44.5%) 2850BC
2813BC (14.1%) 2742BC
2728BC (5.6%) 2695BC
2684BC (0.5%) 2680BC
95.4% probability
3326BC (5.1%) 3232BC
3224BC (0.2%) 3220BC
3174BC (0.6%) 3160BC
3119BC (89.6%) 2580BC
BM-2278 charcoal R_Date(3930,100)
68.2% probability
2571BC (12.3%) 2512BC
2504BC (54.1%) 2286BC
2247BC (1.8%) 2235BC
95.4% probability
2855BC (2.2%) 2812BC
2746BC (0.8%) 2725BC
2697BC (92.4%) 2136BC
Politiko Kokkinorotsos
OZK-137 barley seed R_Date(4210,60)
68.2% probability
2899BC (21.7%) 2850BC
2813BC (32.2%) 2742BC
2728BC (12.9%) 2695BC
2684BC (1.3%) 2680BC
95.4% probability
2916BC (95.4%) 2620BC
OZK-138 barley seed R_Date(4090,60)
68.2% probability
2856BC (14.6%) 2812BC
2748BC (6.5%) 2724BC
2698BC (44.1%) 2570BC
2514BC (3.0%) 2502BC
95.4% probability
2872BC (85.4%) 2548BC
2538BC (10.0%) 2490BC
OZK-139 barley seed R_Date(4190,70)
68.2% probability
2889BC (17.9%) 2838BC
2814BC (50.3%) 2674BC
95.4% probability
2910BC (95.4%) 2578BC
OZK-140 barley seed R_Date(4220,60)
68.2% probability
2905BC (25.2%) 2852BC
2812BC (31.5%) 2744BC
2726BC (11.6%) 2696BC
95.4% probability
2924BC (95.4%) 2620BC
OZK-141 wheat seed R_Date(4180,70)
68.2% probability
2886BC (16.9%) 2836BC
2816BC (51.3%) 2670BC
95.4% probability
2906BC (95.4%) 2576BC
OZK-142 wheat seed R_Date(4210,60)
68.2% probability
2899BC (21.7%) 2850BC
2813BC (32.2%) 2742BC
2728BC (12.9%) 2695BC
2684BC (1.3%) 2680BC
95.4% probability
2916BC (95.4%) 2620BC
OZK-143 cereal grain R_Date(4090,60)
68.2% probability
2856BC (14.6%) 2812BC
2748BC (6.5%) 2724BC
2698BC (44.1%) 2570BC
2514BC (3.0%) 2502BC
95.4% probability
2872BC (85.4%) 2548BC
2538BC (10.0%) 2490BC
OZK-144 cereal grain R_Date(4180,70)
68.2% probability
2886BC (16.9%) 2836BC
2816BC (51.3%) 2670BC
95.4% probability
2906BC (95.4%) 2576BC
OZK-145 cereal grain R_Date(4200,60)
68.2% probability
2892BC (18.8%) 2849BC
2813BC (32.6%) 2741BC
2730BC (14.3%) 2694BC
2687BC (2.5%) 2679BC
95.4% probability
2910BC (95.2%) 2620BC
2604BC (0.2%) 2601BC
OZK-147 cereal grain R_Date(4260,60)
68.2% probability
3002BC (1.7%) 2994BC
2928BC (40.5%) 2858BC
2810BC (20.5%) 2752BC
2722BC (5.5%) 2701BC
95.4% probability
3077BC (0.2%) 3074BC
3024BC (58.7%) 2834BC
2818BC (35.9%) 2664BC
2646BC (0.6%) 2638BC
OZK-148 olive pit R_Date(4170,60)
68.2% probability
2879BC (15.2%) 2836BC
2815BC (53.0%) 2672BC
95.4% probability
2894BC (91.1%) 2616BC
2610BC (4.3%) 2580BC
WK-18983 charcoal R_Date(4151,38)
68.2% probability
2871BC (14.9%) 2836BC
2816BC (5.8%) 2802BC
2779BC (47.5%) 2667BC
95.4% probability
2880BC (95.4%) 2620BC
Late Chalcolithic
GU-2155 charcoal R_Date(4250,170)
68.2% probability
3090BC (4.4%) 3049BC
3032BC (63.8%) 2580BC
95.4% probability
3368BC (94.8%) 2456BC
2418BC (0.2%) 2407BC
2375BC (0.4%) 2351BC
GU-2158 Pinus R_Date(4220,75)
68.2% probability
2906BC (23.3%) 2840BC
2814BC (44.9%) 2678BC
95.4% probability
3011BC (2.3%) 2977BC
2971BC (0.3%) 2966BC
2960BC (0.6%) 2949BC
2943BC (92.3%) 2578BC
OxA-2960 Gramineae R_Date(4220,70)
68.2% probability
2906BC (23.2%) 2848BC
2814BC (29.4%) 2738BC
2731BC (15.6%) 2678BC
95.4% probability
3008BC (1.4%) 2984BC
2934BC (94.0%) 2578BC
BM-2279R charcoal R_Date(4180,130)
68.2% probability
2901BC (68.2%) 2580BC
95.4% probability
3264BC (0.6%) 3240BC
3104BC (93.9%) 2436BC
2420BC (0.3%) 2404BC
2378BC (0.6%) 2350BC
BM-2529 Morus R_Date(4160,50)
68.2% probability
2874BC (13.7%) 2838BC
2814BC (54.5%) 2674BC
95.4% probability
2886BC (93.4%) 2619BC
2607BC (1.1%) 2600BC
2593BC (0.9%) 2586BC
BM-2527 Morus R_Date(4130,50)
68.2% probability
2864BC (20.2%) 2806BC
2760BC (48.0%) 2622BC
95.4% probability
2878BC (95.4%) 2576BC
GU-2535 Pistacia/Pinus
R_Date(4070,130)
68.2% probability
2866BC (11.7%) 2804BC
2761BC (56.5%) 2474BC
95.4% probability
2917BC (94.3%) 2278BC
2251BC (0.8%) 2228BC
2221BC (0.3%) 2210BC
BM-2530 Morus R_Date(3960,80)
68.2% probability
2576BC (68.2%) 2341BC
95.4% probability
2848BC (2.1%) 2813BC
2740BC (0.3%) 2731BC
2693BC (0.2%) 2688BC
2678BC (92.8%) 2203BC
GU-2157 Morus R_Date(3900,50)
68.2% probability
2467BC (62.8%) 2338BC

2322BC (5.4%) 2309BC
95.4% probability
2560BC (1.9%) 2536BC
2491BC (86.6%) 2271BC
2259BC (6.9%) 2206BC
BM-1353 charcoal R_Date(3890,50)
68.2% probability
2462BC (61.0%) 2336BC
2324BC (7.2%) 2307BC
95.4% probability
2482BC (95.4%) 2204BC
BM-1354 charcoal R_Date(3970,45)
68.2% probability
2572BC (36.1%) 2512BC
2505BC (30.2%) 2458BC
2416BC (1.9%) 2410BC
95.4% probability
2617BC (0.5%) 2610BC
2580BC (93.9%) 2338BC
2322BC (1.0%) 2308BC
BM-1541 charcoal R_Date(4000,45)
68.2% probability
2572BC (44.5%) 2512BC
2505BC (23.7%) 2472BC
95.4% probability
2833BC (1.2%) 2818BC
2660BC (0.5%) 2650BC
2634BC (90.5%) 2436BC
2420BC (1.2%) 2404BC
2378BC (2.0%) 2349BC
BM-1541A charcoal R_Date(4050,50)
68.2% probability
2832BC (4.3%) 2820BC
2657BC (0.8%) 2654BC
2632BC (63.2%) 2488BC
95.4% probability
2858BC (10.2%) 2810BC
2751BC (3.7%) 2722BC
2701BC (81.5%) 2469BC
BM-1542 charcoal R_Date(4090,90)
68.2% probability
2862BC (14.2%) 2807BC
2758BC (9.5%) 2718BC
2706BC (38.0%) 2566BC
2524BC (6.4%) 2496BC
95.4% probability
2896BC (95.4%) 2461BC
Prehistoric Bronze Age
GU-2167 Morus R_Date(3990,50)
68.2% probability
2574BC (68.2%) 2466BC
95.4% probability
2833BC (1.1%) 2818BC
2660BC (0.5%) 2650BC
2634BC (93.8%) 2342BC
Margi Alonia
Beta 138629 seed R_Date(3780,30)
68.2% probability
2280BC (20.8%) 2250BC
2230BC (6.7%) 2219BC
2212BC (13.9%) 2192BC
2180BC (26.8%) 2142BC
95.4% probability
2296BC (92.6%) 2132BC
2084BC (2.8%) 2058BC
Beta 138630 seed R_Date(3780,30)
68.2% probability
2280BC (20.8%) 2250BC
2230BC (6.7%) 2219BC
2212BC (13.9%) 2192BC
2180BC (26.8%) 2142BC
95.4% probability
2296BC (92.6%) 2132BC
2084BC (2.8%) 2058BC
Beta 100553 seed R_Date(3810,50)
68.2% probability
2340BC (58.4%) 2194BC
2175BC (9.8%) 2144BC
95.4% probability
2460BC (94.3%) 2134BC
2076BC (1.1%) 2064BC
OZA 279U2 wheat seeds
R_Date(3645,95)
68.2% probability
2190BC (1.6%) 2181BC
2141BC (66.6%) 1892BC
95.4% probability
2289BC (95.4%) 1752BC
OZB 160 wheat seed
R_Date(3675,118)
68.2% probability
2272BC (2.0%) 2258BC
2206BC (66.2%) 1892BC
95.4% probability
2456BC (1.9%) 2418BC
2407BC (1.7%) 2376BC
2350BC (91.8%) 1752BC
OZB 163 wheat seed R_Date(3834,42)
68.2% probability
2396BC (4.0%) 2384BC
2346BC (64.2%) 2204BC
95.4% probability
2461BC (92.3%) 2197BC
2168BC (3.1%) 2149BC
OZB 161 wheat seed R_Date(3888,42)
68.2% probability
2461BC (62.4%) 2338BC
2322BC (5.8%) 2309BC
95.4% probability
2474BC (89.4%) 2276BC
2253BC (6.0%) 2209BC
OZB 162 wheat seed R_Date(3892,39)
68.2% probability
2462BC (68.2%) 2341BC
95.4% probability
2474BC (91.9%) 2280BC
2250BC (2.6%) 2230BC
2219BC (0.8%) 2212BC
Wk 166434 seed R_Date(3597,39)
68.2% probability
2016BC (12.6%) 1996BC
1980BC (55.6%) 1899BC
95.4% probability
2122BC (2.9%) 2094BC
2042BC (90.4%) 1877BC
1841BC (1.4%) 1826BC
1794BC (0.7%) 1784BC
OZA 336 seed R_Date(3650,50)
68.2% probability
2130BC (19.0%) 2086BC
2050BC (49.2%) 1946BC
95.4% probability
2193BC (1.8%) 2178BC
2144BC (93.6%) 1893BC
OZA 337 seed R_Date(3670,50)
68.2% probability
2136BC (57.9%) 2010BC
2000BC (10.3%) 1977BC
95.4% probability
2199BC (6.3%) 2161BC
2152BC (89.1%) 1920BC
OZA 342 seed R_Date(3700,40)
68.2% probability
2188BC (1.5%) 2184BC
2140BC (66.7%) 2031BC
95.4% probability
2202BC (95.4%) 1973BC
OZA 339 seed R_Date(3720,50)
68.2% probability
2198BC (15.0%) 2166BC
2150BC (18.8%) 2110BC
2104BC (34.4%) 2036BC
95.4% probability
2285BC (5.3%) 2247BC
2234BC (90.1%) 1965BC
OZA 338 seed R_Date(3770,50)
68.2% probability
2286BC (64.6%) 2134BC
2077BC (3.6%) 2064BC
95.4% probability
2400BC (1.0%) 2383BC
2347BC (94.4%) 2030BC
OZA 344 seed R_Date(3770,50)
68.2% probability
2286BC (64.6%) 2134BC
2077BC (3.6%) 2064BC
95.4% probability
2400BC (1.0%) 2383BC
2347BC (94.4%) 2030BC
OZA 334 seed R_Date(3550,50)
68.2% probability
1956BC (43.3%) 1870BC
1846BC (13.9%) 1811BC
1804BC (11.0%) 1776BC
95.4% probability
2024BC (95.4%) 1750BC
OZA 340 seed R_Date(3740,40)
68.2% probability
2202BC (45.3%) 2126BC
2090BC (22.9%) 2044BC
95.4% probability
2285BC (7.8%) 2247BC
2234BC (87.6%) 2030BC
OZA 345 seed R_Date(3730,50)
68.2% probability
2201BC (39.8%) 2116BC

2098BC (28.4%) 2038BC
95.4% probability
2289BC (93.0%) 2012BC
1999BC (2.4%) 1978BC
OZB 159 wheat seed R_Date(3764,50)
68.2% probability
2284BC (13.9%) 2248BC
2234BC (45.4%) 2132BC
2084BC (8.9%) 2056BC
95.4% probability
2396BC (0.5%) 2385BC
2346BC (94.9%) 2028BC
Beta 50747 charcoal R_Date(3460,90)
68.2% probability
1894BC (68.2%) 1666BC
95.4% probability
2019BC (1.7%) 1994BC
1981BC (89.4%) 1600BC
1593BC (4.4%) 1531BC
Beta 50746 charcoal R_Date(3480,80)
68.2% probability
1898BC (59.9%) 1727BC
1721BC (8.3%) 1691BC
95.4% probability
2026BC (95.4%) 1612BC
Sotira Kaminoudhia
OxA 3038 charcoal R_Date(3890,90)
68.2% probability
2475BC (57.7%) 2274BC
2256BC (10.5%) 2208BC
95.4% probability
2620BC (0.5%) 2606BC
2600BC (0.3%) 2592BC
2587BC (93.0%) 2129BC
2088BC (1.6%) 2048BC
OxA 3309 charcoal R_Date(3780,90)
68.2% probability
2343BC (56.6%) 2120BC
2096BC (11.6%) 2040BC
95.4% probability
2469BC (95.4%) 1972BC
OxA 3310 charcoal R_Date(3780,90)
68.2% probability
2343BC (56.6%) 2120BC
2096BC (11.6%) 2040BC
95.4% probability
2469BC (95.4%) 1972BC
OxA 3311 charcoal R_Date(3890,100)
68.2% probability
2481BC (68.2%) 2205BC
95.4% probability
2831BC (0.3%) 2821BC
2630BC (92.0%) 2114BC
2100BC (3.0%) 2037BC
OxA 3312 charcoal R_Date(3690,100)
68.2% probability
2271BC (2.0%) 2259BC
2206BC (66.2%) 1936BC
95.4% probability
2456BC (1.6%) 2418BC
2406BC (1.5%) 2376BC
2350BC (89.5%) 1872BC
1845BC (1.6%) 1812BC
1802BC (1.2%) 1776BC
OxA 3544 charcoal R_Date(3840,75)
68.2% probability
2456BC (10.6%) 2418BC
2408BC (9.4%) 2375BC
2367BC (1.3%) 2362BC
2351BC (47.0%) 2203BC
95.4% probability
2488BC (91.7%) 2122BC
2094BC (3.7%) 2041BC
OxA 3545 charcoal R_Date(3860,75)
68.2% probability
2461BC (58.3%) 2278BC
2251BC (6.7%) 2228BC
2221BC (3.2%) 2210BC
95.4% probability
2564BC (2.1%) 2532BC
2496BC (92.1%) 2132BC
2082BC (1.2%) 2060BC
OxA 3546 charcoal R_Date(3760,75)
68.2% probability
2290BC (52.3%) 2116BC
2098BC (15.9%) 2038BC
95.4% probability
2458BC (3.6%) 2416BC
2410BC (89.5%) 2009BC
2002BC (2.3%) 1976BC
OxA 3547 charcoal R_Date(3860,80)
68.2% probability
2462BC (57.3%) 2276BC
2252BC (7.1%) 2228BC
2223BC (3.8%) 2210BC
95.4% probability
2566BC (3.0%) 2522BC
2498BC (90.3%) 2131BC
2086BC (2.0%) 2051BC
OxA 3548 charcoal R_Date(3800,75)
68.2% probability
2430BC (1.1%) 2424BC
2402BC (4.1%) 2381BC
2348BC (62.9%) 2135BC
95.4% probability
2466BC (95.4%) 2035BC
OxA 14952 charcoal R_Date(3709,35)
68.2% probability
2190BC (4.4%) 2181BC
2141BC (18.7%) 2111BC
2103BC (45.1%) 2036BC
95.4% probability
2203BC (93.3%) 2018BC
1995BC (2.1%) 1980BC
Beta 82995 carbon R_Date(3970,90)
68.2% probability
2618BC (1.5%) 2609BC
2598BC (0.5%) 2594BC
2582BC (63.4%) 2336BC
2324BC (2.9%) 2307BC
95.4% probability
2859BC (4.1%) 2810BC
2752BC (1.8%) 2722BC
2702BC (89.5%) 2204BC
Beta 82994 carbon R_Date(3610,60)
68.2% probability
2112BC (2.8%) 2102BC
2036BC (65.4%) 1888BC
95.4% probability
2140BC (87.9%) 1867BC
1848BC (7.5%) 1774BC
ETH 210 ash R_Date(3500,120)
68.2% probability
2012BC (2.1%) 1999BC
1978BC (66.1%) 1684BC
95.4% probability
2141BC (95.4%) 1524BC
ETH 206 ash R_Date(3440,140)
68.2% probability
1934BC (64.6%) 1606BC
1573BC (2.0%) 1558BC
1550BC (1.6%) 1538BC
95.4% probability
2134BC (2.8%) 2078BC
2064BC (92.6%) 1437BC
P-2386 charcoal R_Date(3720,70)
68.2% probability
2271BC (2.7%) 2259BC
2206BC (64.0%) 2022BC
1991BC (1.5%) 1984BC
95.4% probability
2341BC (95.4%) 1920BC
P-2387 charcoal R_Date(3620,60)
68.2% probability
2116BC (5.6%) 2098BC
2038BC (62.6%) 1896BC
95.4% probability
2194BC (1.2%) 2176BC
2144BC (89.4%) 1871BC
1846BC (2.8%) 1812BC
1802BC (2.0%) 1776BC
P-2388 charcoal R_Date(3520,70)
68.2% probability
1934BC (68.2%) 1751BC
95.4% probability
2035BC (95.4%) 1668BC
Protohistoric Bronze Age
KN-4641 charcoal R_Date(3189,53)
68.2% probability
1506BC (68.2%) 1414BC
95.4% probability
1608BC (94.1%) 1380BC
1335BC (1.3%) 1322BC
KN-4642 charcoal R_Date(3494,38)
68.2% probability
1880BC (68.2%) 1769BC
95.4% probability
1920BC (93.1%) 1736BC
1711BC (2.3%) 1695BC
KN-4643 charcoal R_Date(3284,76)
68.2% probability
1662BC (3.3%) 1651BC
1641BC (60.5%) 1492BC
1476BC (4.4%) 1460BC
95.4% probability
1740BC (95.4%) 1420BC

Politiko Phorades
OxA-9932 R_Date(3585,60)
68.2% probability
2031BC (65.9%) 1878BC
1838BC (2.3%) 1830BC
95.4% probability
2131BC (6.2%) 2085BC
2052BC (89.2%) 1756BC
OxA-9817 R_Date(3402,34)
68.2% probability
1744BC (64.2%) 1664BC
1650BC (4.0%) 1642BC
95.4% probability
1870BC (2.8%) 1846BC
1775BC (92.6%) 1613BC
OxA-9818 R_Date(3315,36)
68.2% probability
1630BC (68.2%) 1530BC
95.4% probability
1687BC (95.4%) 1511BC
OxA-11789 R_Date(3266,28)
68.2% probability
1606BC (26.2%) 1574BC
1558BC (4.4%) 1551BC
1538BC (37.7%) 1500BC
95.4% probability
1618BC (90.9%) 1492BC
1478BC (4.5%) 1458BC
OxA-8521 R_Date(3265,40)
68.2% probability
1608BC (24.9%) 1570BC
1561BC (43.3%) 1498BC
95.4% probability
1631BC (95.4%) 1441BC
OxA-11791 R_Date(3247,33)
68.2% probability
1604BC (10.2%) 1586BC
1535BC (41.7%) 1489BC
1482BC (16.3%) 1454BC
95.4% probability
1610BC (95.4%) 1444BC
OxA-11790 R_Date(3239,27)
68.2% probability
1528BC (46.7%) 1490BC
1480BC (21.5%) 1456BC
95.4% probability
1607BC (10.9%) 1570BC
1560BC (2.6%) 1546BC
1540BC (81.9%) 1437BC
OxA-11821 R_Date(3134,33)
68.2% probability
1448BC (68.2%) 1386BC
95.4% probability
1495BC (85.5%) 1370BC
1346BC (9.9%) 1316BC
OxA-7013 R_Date(2865,75)
68.2% probability
1188BC (1.1%) 1182BC
1154BC (1.8%) 1146BC
1130BC (65.3%) 924BC
95.4% probability
1266BC (95.4%) 842BC
OxA-11788 R_Date(2483,25)
68.2% probability
756BC (12.3%) 727BC
693BC (3.5%) 684BC
668BC (52.4%) 542BC
95.4% probability
770BC (94.3%) 510BC
436BC (1.1%) 422BC
KN 4615 charcoal(long-lived wood)
R_Date(3243,31)
68.2% probability
1601BC (4.6%) 1593BC
1532BC (44.5%) 1490BC
1481BC (19.1%) 1455BC
95.4% probability
1608BC (95.4%) 1442BC
KN 4616 charcoal(long-lived wood)
R_Date(3252,33)
68.2% probability
1605BC (17.5%) 1576BC
1536BC (41.2%) 1492BC
1476BC (9.5%) 1460BC
95.4% probability
1612BC (95.4%) 1448BC
KN 4617 charcoal(long-lived wood)
R_Date(3294,33)
68.2% probability
1612BC (68.2%) 1526BC
95.4% probability
1667BC (95.4%) 1496BC
KN 4618 charcoal(long-lived wood)
R_Date(3295,55)
68.2% probability
1632BC (68.2%) 1502BC
95.4% probability
1728BC (0.9%) 1720BC
1691BC (94.5%) 1450BC
KN 4619 charcoal(long-lived wood)
R_Date(3249,26)
68.2% probability
1602BC (8.4%) 1590BC
1534BC (50.0%) 1492BC
1476BC (9.7%) 1460BC
95.4% probability
1608BC (95.4%) 1452BC
KN 4620 charcoal(long-lived wood)
R_Date(3121,30)
68.2% probability
1433BC (62.9%) 1384BC
1332BC (5.3%) 1325BC
95.4% probability
1488BC (0.5%) 1484BC
1454BC (94.9%) 1312BC
KN 4621 charcoal(long-lived wood)
R_Date(3172,43)
68.2% probability
1494BC (68.2%) 1415BC
95.4% probability
1528BC (93.5%) 1378BC
1338BC (1.9%) 1321BC
KN 4622 charcoal(long-lived wood)
R_Date(3224,22)
68.2% probability
1512BC (31.3%) 1490BC
1481BC (36.9%) 1455BC
95.4% probability
1528BC (95.4%) 1436BC
KN 4653 charcoal(long-lived wood)
R_Date(3162,37)
68.2% probability
1492BC (13.9%) 1476BC
1460BC (54.3%) 1410BC
95.4% probability
1512BC (93.8%) 1382BC
1334BC (1.6%) 1323BC
KN 4654 charcoal(long-lived wood)
R_Date(3102,35)
68.2% probability
1426BC (47.6%) 1372BC
1344BC (20.6%) 1317BC
95.4% probability
1444BC (94.2%) 1291BC
1280BC (1.2%) 1270BC
KN 4726 charcoal(long-lived wood)
R_Date(3064,38)
68.2% probability
1397BC (68.2%) 1298BC
95.4% probability
1425BC (92.5%) 1256BC
1236BC (2.9%) 1216BC
KN 4727 charcoal(long-lived wood)
R_Date(3187,37)
68.2% probability
1495BC (68.2%) 1430BC
95.4% probability
1526BC (95.4%) 1400BC
KN 4728 charcoal(long-lived wood)
R_Date(3206,25)
68.2% probability
1497BC (68.2%) 1448BC
95.4% probability
1519BC (95.4%) 1428BC
KN 4729 charcoal(long-lived wood)
R_Date(3236,26)
68.2% probability
1526BC (44.5%) 1490BC
1480BC (23.7%) 1456BC
95.4% probability
1606BC (7.9%) 1574BC
1558BC (1.0%) 1551BC
1538BC (86.5%) 1436BC
KN 4782 charcoal(long-lived wood)
R_Date(3227,23)
68.2% probability
1516BC (35.9%) 1491BC
1480BC (32.3%) 1456BC
95.4% probability
1598BC (0.6%) 1594BC
1531BC (94.8%) 1434BC
KN 4829 charcoal(long-lived wood)
R_Date(3144,44)
68.2% probability
1493BC (9.1%) 1476BC
1460BC (59.1%) 1386BC

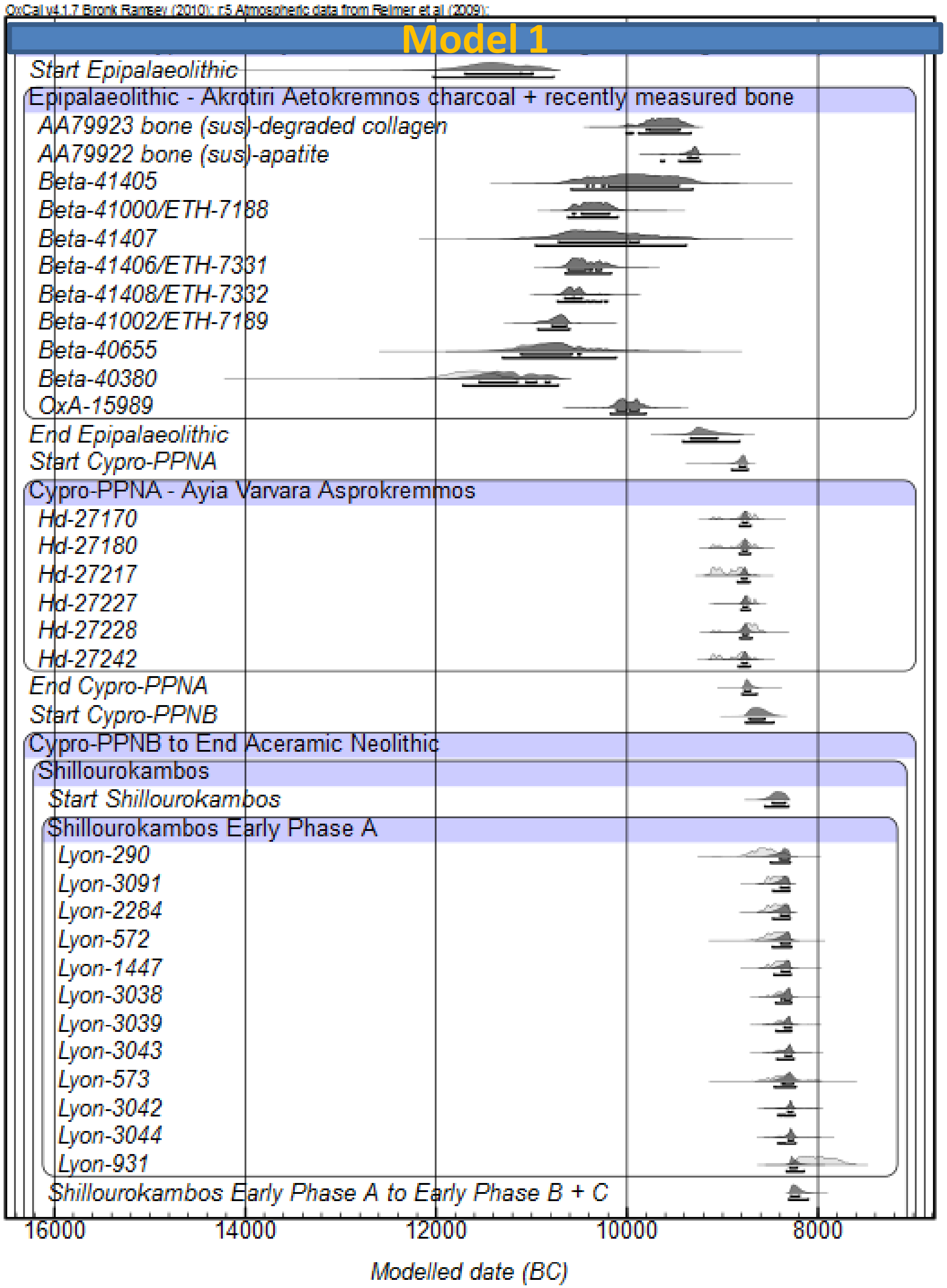
95.4% probability
1504BC (95.4%) 1312BC
KN 4651 charcoal R_Date(3269,26)
68.2% probability
1606BC (27.4%) 1574BC
1558BC (4.9%) 1551BC
1538BC (35.9%) 1501BC
95.4% probability
1618BC (93.9%) 1493BC
1472BC (1.5%) 1464BC
OxA 120 charcoal from slag
R_Date(2860,150)
68.2% probability
1258BC (4.2%) 1232BC
1218BC (61.5%) 895BC
868BC (2.6%) 851BC
95.4% probability
1436BC (95.4%) 782BC
Apliki Rood Wood
AA33445 Tree-rings 1001-1010
R_Date(3075,50)
68.2% probability
1412BC (68.2%) 1296BC
95.4% probability
1449BC (95.2%) 1208BC
1138BC (0.2%) 1135BC
AA33446 Tree-rings 1011-1020
R_Date(3050,55)
68.2% probability
1402BC (68.2%) 1261BC
95.4% probability
1431BC (90.1%) 1188BC
1182BC (3.1%) 1154BC
1146BC (2.2%) 1130BC
AA33447 Tree-rings 1021-1030
R_Date(3080,50)
68.2% probability
1415BC (68.2%) 1298BC
95.4% probability
1452BC (95.4%) 1210BC
AA33448 Tree-rings 1031-1040
R_Date(3065,70)
68.2% probability
1419BC (65.5%) 1259BC
1230BC (2.7%) 1220BC
95.4% probability
1493BC (1.4%) 1474BC
1462BC (94.0%) 1124BC
AA33449 Tree-rings 1041-1049
R_Date(3070,55)
68.2% probability
1411BC (64.1%) 1290BC
1280BC (4.1%) 1270BC
95.4% probability
1450BC (93.3%) 1192BC
1177BC (1.1%) 1161BC
1144BC (1.0%) 1132BC
Minimum Cutting Age Apliki Roof Wood
= (D_Sequence Apliki roof
Posterior
68.2% probability
1404BC (68.2%) 1338BC
95.4% probability
1421BC (95.4%) 1306BC
AA33445 Tree-rings 1001-1010
Posterior
68.2% probability
1404BC (68.2%) 1338BC
95.4% probability
1421BC (95.4%) 1306BC
Agreement 120.9%
AA33446 Tree-rings 1011-1020
Posterior
68.2% probability
1394BC (68.2%) 1328BC
95.4% probability
1411BC (95.4%) 1296BC
Agreement 122.5%
AA33447 Tree-rings 1021-1030
Posterior
68.2% probability
1384BC (68.2%) 1318BC
95.4% probability
1401BC (95.4%) 1286BC
Agreement 120.1%
AA33448 Tree-rings 1031-1040
Posterior
68.2% probability
1374BC (68.2%) 1308BC
95.4% probability
1391BC (95.4%) 1276BC
Agreement 132.9%
AA33449 Tree-rings 1041-1049
Posterior
68.2% probability
1364BC (68.2%) 1299BC
95.4% probability
1382BC (95.4%) 1266BC
Agreement 120.9%
Minimum Cutting Age Apliki Roof Wood
Posterior
68.2% probability
1352BC (68.2%) 1287BC
95.4% probability
1370BC (95.4%) 1254BC
Apliki roof D_Sequence()
X2-Test: df=4 T=0.375(5% 9.488)
68.2% probability
1352BC (68.2%) 1287BC
95.4% probability
1370BC (95.4%) 1254BC
Agreement n=5 Acomb=160.0%(An=
31.6%)
Maroni Tsaroukkas
OxA 8351 olive seed R_Date(3085,40)
68.2% probability
1412BC (68.2%) 1314BC
95.4% probability
1437BC (95.4%) 1260BC
Building 1 Last Use Short-Lived
R_Combine(2962,21)
68.2% probability
1256BC (15.2%) 1236BC
1215BC (21.4%) 1188BC
1181BC (19.2%) 1155BC
1146BC (12.3%) 1130BC
95.4% probability
1290BC (0.8%) 1280BC
1270BC (94.6%) 1114BC
X2-Test: df=2 T=0.8(5% 6.0)
OxA-8327 charcoal R_Date(3130,45)
68.2% probability
1452BC (58.6%) 1376BC
1338BC (9.6%) 1320BC
95.4% probability
1499BC (95.4%) 1299BC
OxA-8355 charcoal R_Date(3215,35)
68.2% probability
1512BC (68.2%) 1444BC
95.4% probability
1605BC (4.3%) 1576BC
1536BC (91.1%) 1414BC
OxA 8353 charcoal R_Date(3310,40)
68.2% probability
1630BC (68.2%) 1526BC
95.4% probability
1688BC (95.4%) 1500BC
OxA 8323 charcoal R_Date(3055,45)
68.2% probability
1392BC (62.1%) 1290BC
1282BC (6.1%) 1270BC
95.4% probability
1428BC (94.8%) 1194BC
1140BC (0.6%) 1134BC
OxA 8349 charcoal R_Date(3060,40)
68.2% probability
1396BC (66.3%) 1292BC
1277BC (1.9%) 1273BC
95.4% probability
1426BC (90.7%) 1252BC
1242BC (4.7%) 1212BC
OxA 8348 charcoal R_Date(3090,40)
68.2% probability
1415BC (36.0%) 1368BC
1361BC (32.2%) 1314BC
95.4% probability
1441BC (95.4%) 1262BC
OxA 8352 charcoal R_Date(3065,40)
68.2% probability
1401BC (68.2%) 1296BC
95.4% probability
1427BC (92.1%) 1256BC
1236BC (3.3%) 1215BC
OxA 8264 charcoal R_Date(3060,35)
68.2% probability
1392BC (68.2%) 1298BC
95.4% probability
1417BC (92.8%) 1257BC
1234BC (2.6%) 1216BC
OxA 8325 charcoal R_Date(3030,40)
68.2% probability
1380BC (24.2%) 1335BC
1322BC (38.3%) 1258BC
1232BC (5.7%) 1218BC
95.4% probability
1408BC (91.5%) 1192BC

1177BC (2.0%) 1161BC
1144BC (1.9%) 1132BC
OxA-14950 grape R_Date(3005,34)
68.2% probability
1368BC (3.2%) 1360BC
1314BC (61.7%) 1208BC
1200BC (1.6%) 1196BC
1139BC (1.7%) 1134BC
95.4% probability
1380BC (12.8%) 1335BC
1323BC (82.6%) 1128BC
OxA-14951 olive R_Date(3073,33)
68.2% probability
1400BC (68.2%) 1312BC
95.4% probability
1418BC (95.4%) 1264BC
OxA 8321 charcoal R_Date(3020,45)
68.2% probability
1378BC (17.6%) 1336BC
1322BC (50.6%) 1212BC
95.4% probability
1400BC (95.4%) 1128BC
OxA 8326 charcoal R_Date(3025,40)
68.2% probability
1378BC (20.9%) 1336BC
1322BC (38.0%) 1256BC
1236BC (9.4%) 1215BC
95.4% probability
1402BC (89.8%) 1190BC
1179BC (3.0%) 1158BC
1144BC (2.5%) 1130BC
OxA 8354 charcoal R_Date(3040,40)
68.2% probability
1386BC (68.2%) 1262BC
95.4% probability
1413BC (94.4%) 1193BC
1142BC (1.0%) 1133BC
Building 2 Phase 8 Short-Lived - Last LCIIC Use R_Combine(2986,24)
Warning! X-Test fails at 5% - Building 2 Phase 8 Short-Lived - Last LCIIC Use
X2-Test: df=2 T=8.810(5% 6.0)
68.2% probability
1289BC (3.2%) 1282BC
1270BC (55.6%) 1192BC
1174BC (3.5%) 1166BC
1142BC (5.9%) 1132BC
95.4% probability
1311BC (95.4%) 1126BC
(*NB. Hence post-Model 1 OxA-8350 was excluded)
OxA 8372 charcoal R_Date(2890,60)
68.2% probability
1194BC (14.1%) 1142BC
1133BC (53.0%) 996BC
985BC (1.1%) 980BC
95.4% probability
1264BC (95.4%) 914BC
OxA 8373 grape seed R_Date(3085,60)
68.2% probability
1426BC (66.8%) 1292BC
1277BC (1.4%) 1273BC
95.4% probability
1495BC (94.8%) 1194BC
1141BC (0.6%) 1134BC
KN 4647 olive seed R_Date(2969,44)
68.2% probability
1287BC (0.7%) 1284BC
1268BC (67.5%) 1123BC
95.4% probability
1372BC (3.2%) 1344BC
1318BC (92.2%) 1049BC
Apliki Basket R_Combine(2995,25)
68.2% probability
1298BC (64.5%) 1208BC
1199BC (1.4%) 1196BC
1139BC (2.3%) 1134BC
95.4% probability
1370BC (3.0%) 1351BC
1316BC (92.4%) 1128BC
X2-Test: df=4 T=2.0(5% 9.5)
Apliki Cereals R_Combine(2960,21)
68.2% probability
1256BC (12.5%) 1238BC
1214BC (42.4%) 1153BC
1148BC (13.4%) 1130BC
95.4% probability
1288BC (0.3%) 1284BC
1269BC (94.9%) 1113BC
1096BC (0.3%) 1092BC
X2-Test: df=5 T=0.8(5% 11.1)
Alassa
KN 4623 charcoal R_Date(3139,48)
68.2% probability
1492BC (7.2%) 1477BC
1459BC (55.8%) 1381BC
1334BC (5.2%) 1323BC
95.4% probability
1508BC (95.4%) 1300BC
KN 4624 charcoal R_Date(3267,38)
68.2% probability
1608BC (25.4%) 1570BC
1561BC (42.8%) 1499BC
95.4% probability
1631BC (95.4%) 1446BC
KN 4625 charcoal R_Date(2942,36)
68.2% probability
1256BC (8.7%) 1236BC
1215BC (55.8%) 1113BC
1099BC (3.7%) 1089BC
95.4% probability
1267BC (95.4%) 1020BC
KN 4846 charcoal R_Date(2942,43)
68.2% probability
1257BC (8.9%) 1234BC
1216BC (49.2%) 1111BC
1102BC (7.3%) 1082BC
1064BC (2.9%) 1056BC
95.4% probability
1294BC (95.4%) 1014BC

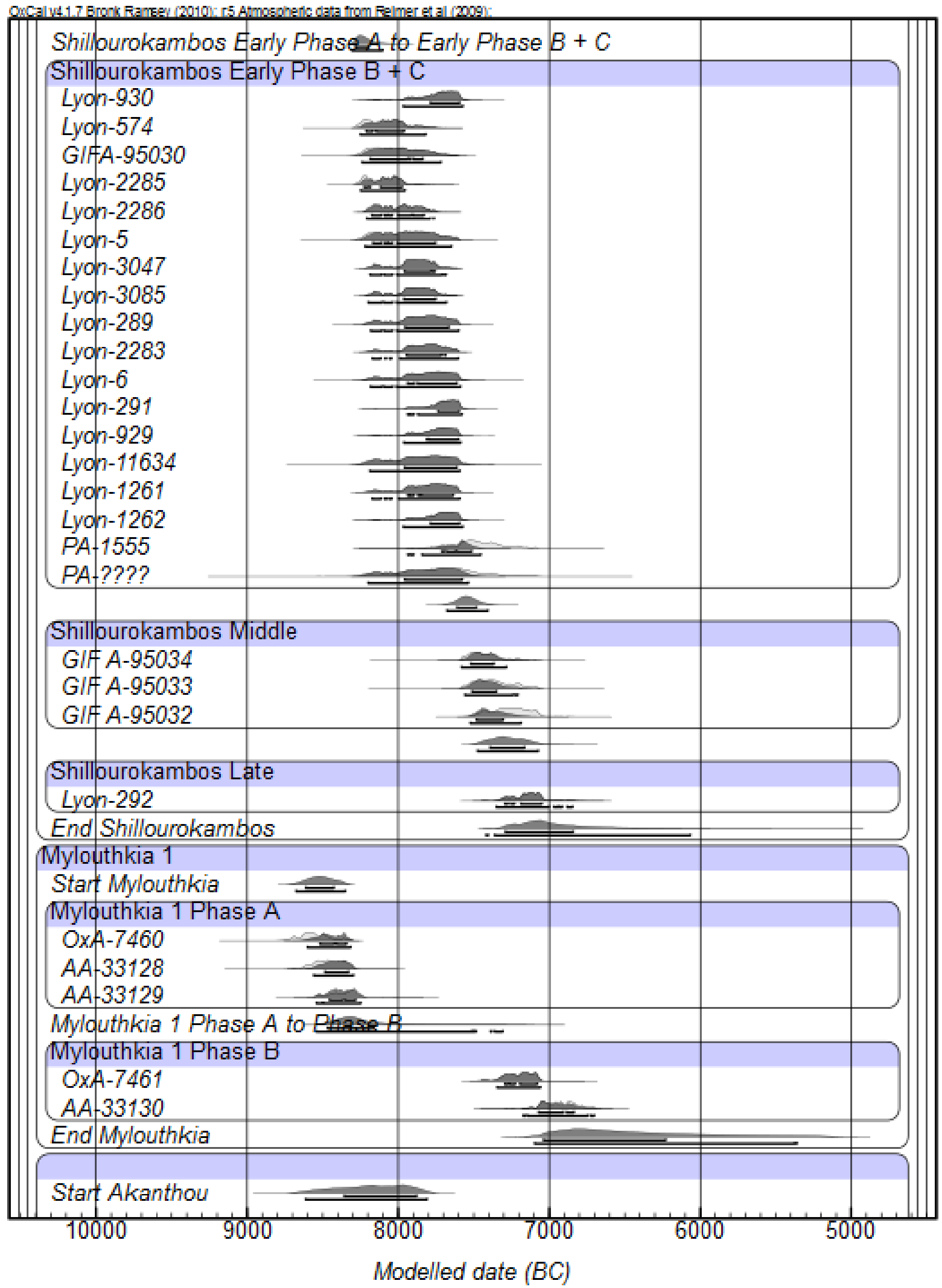
5. FIGURES S1 and S2 (each multi-part): The modelled calendar probability distributions from Model 1 and then Model 8. The darker histograms are the modelled calendar probability distributions; the ligher (grey) histograms (often obscured by the darker histograms) are the non-modelled calibrated calendar probabilities (compared the non-modelled to the modelled ranges cited in Tables S2 and S3).

Figures S1 and S2 follow, starting on the next page...

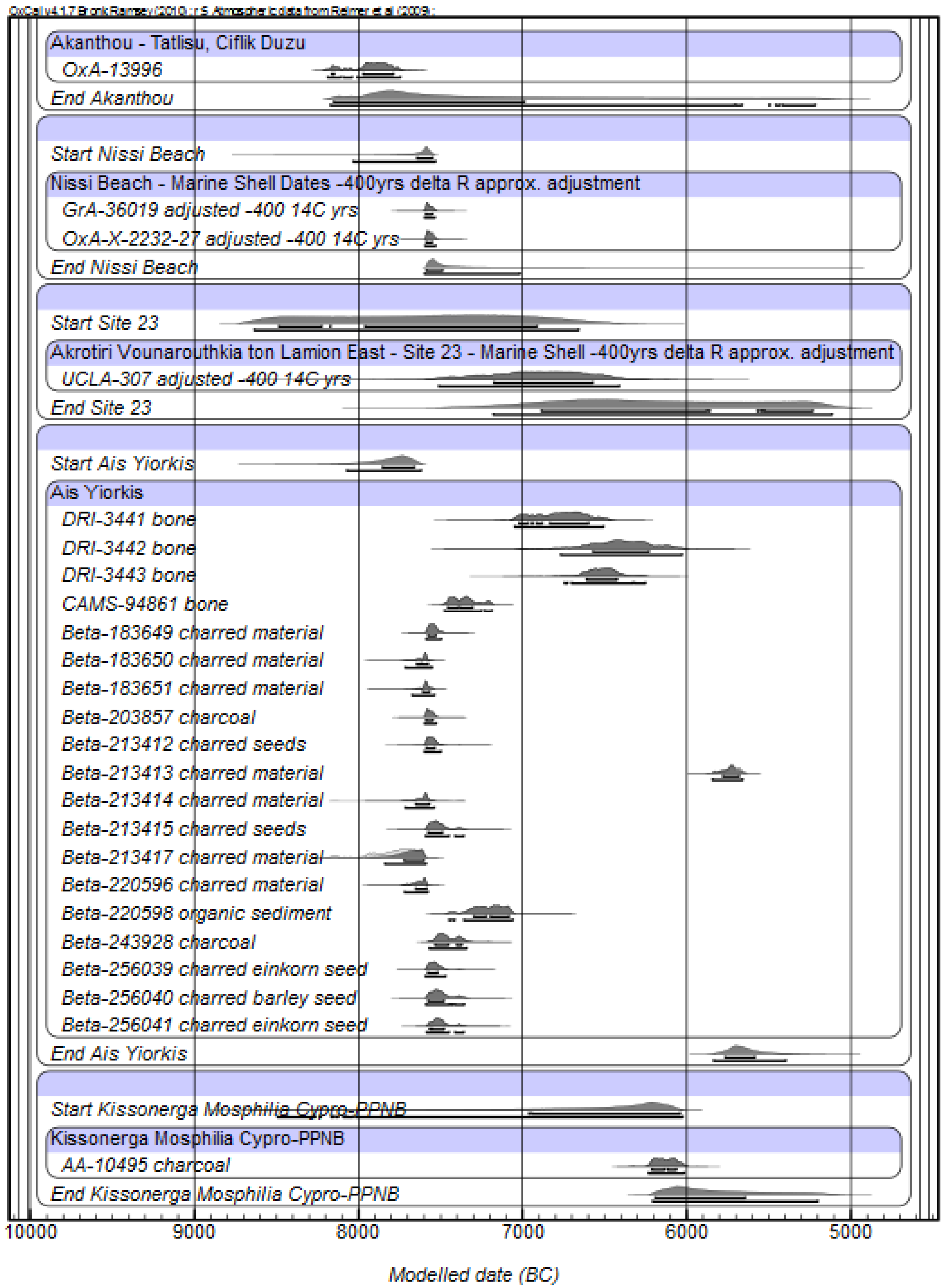
Figure S1
(parts 1-15)



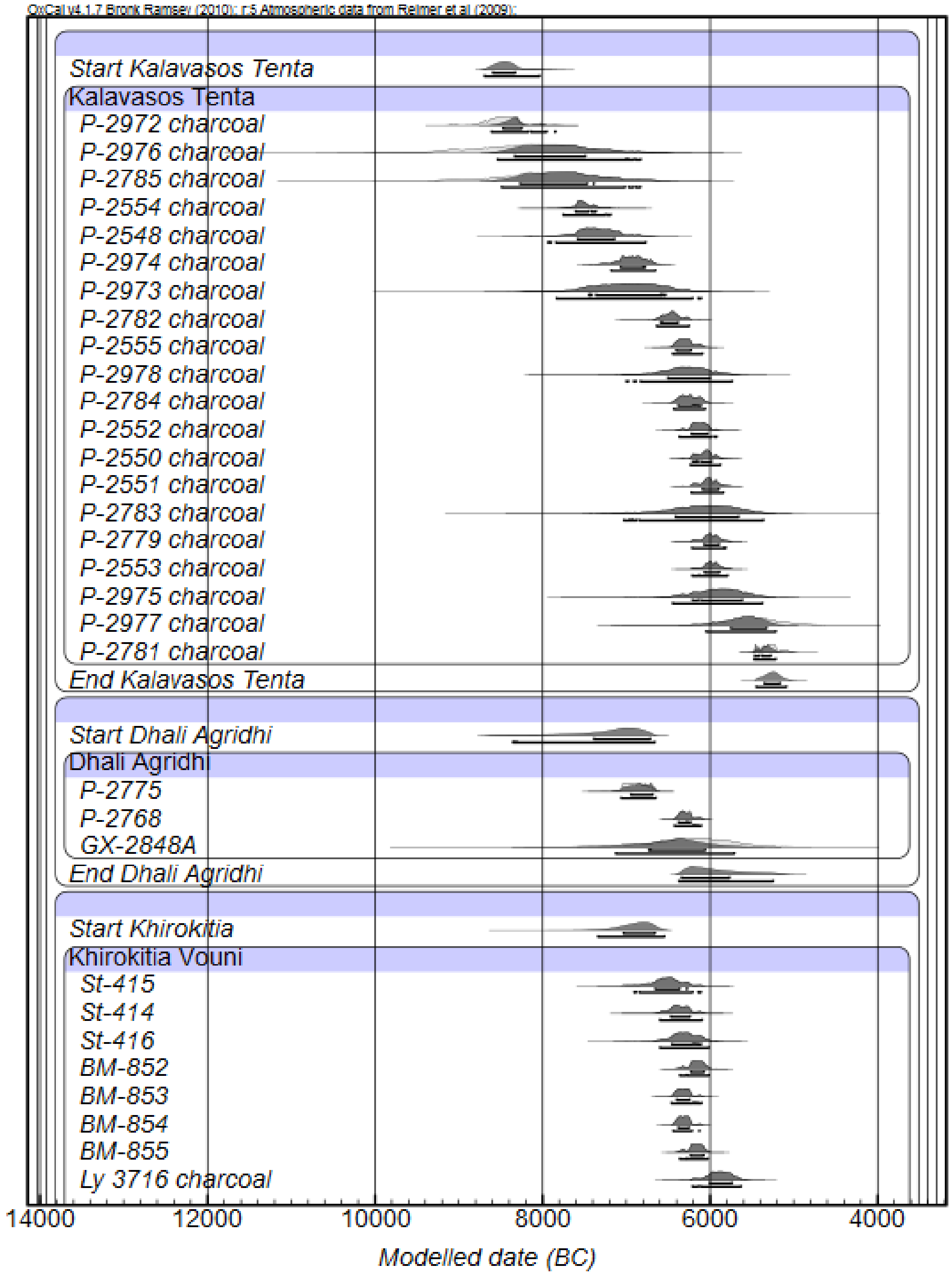
Model 1, 1 of 15

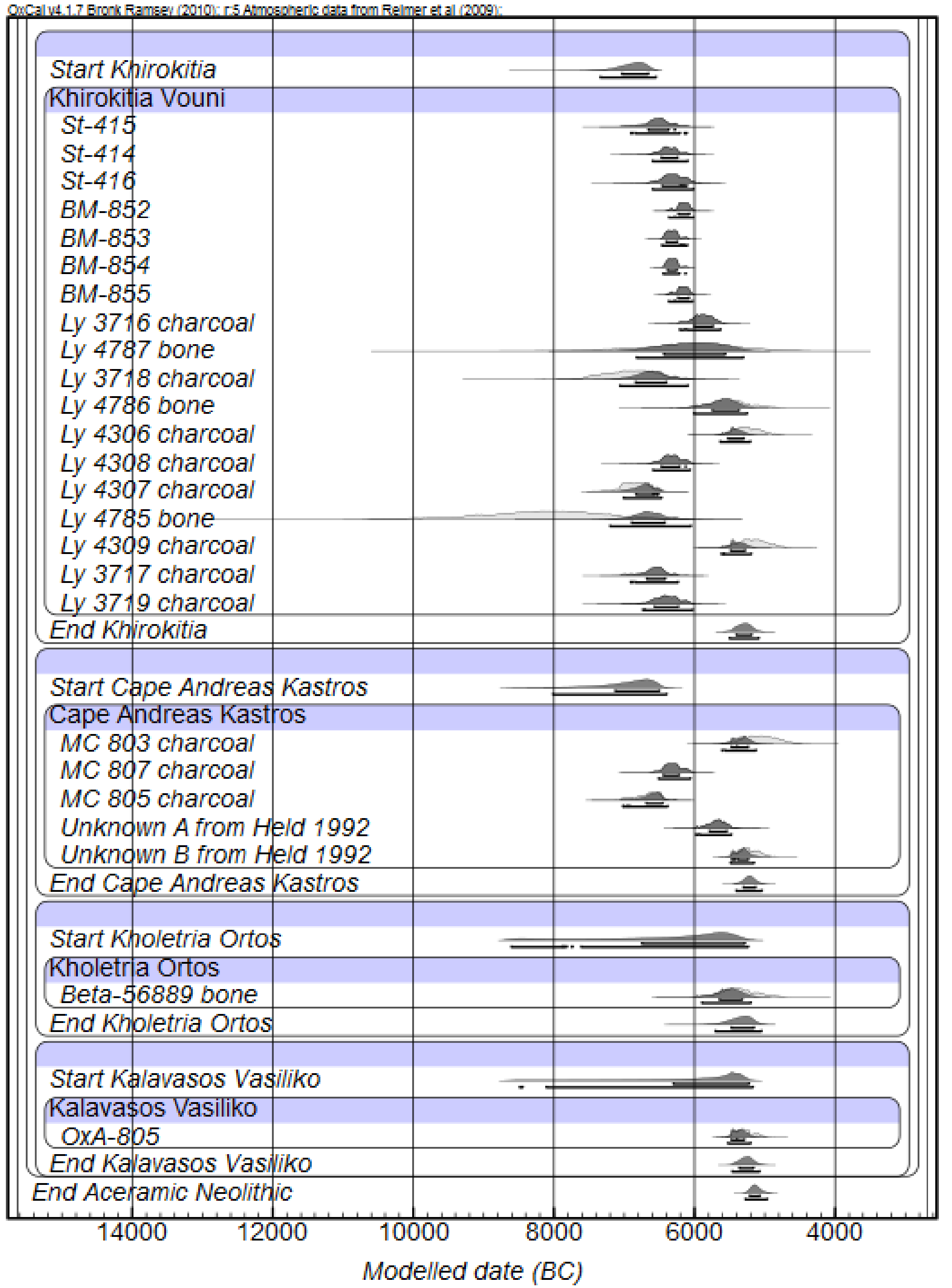


Model 1, 2 of 15

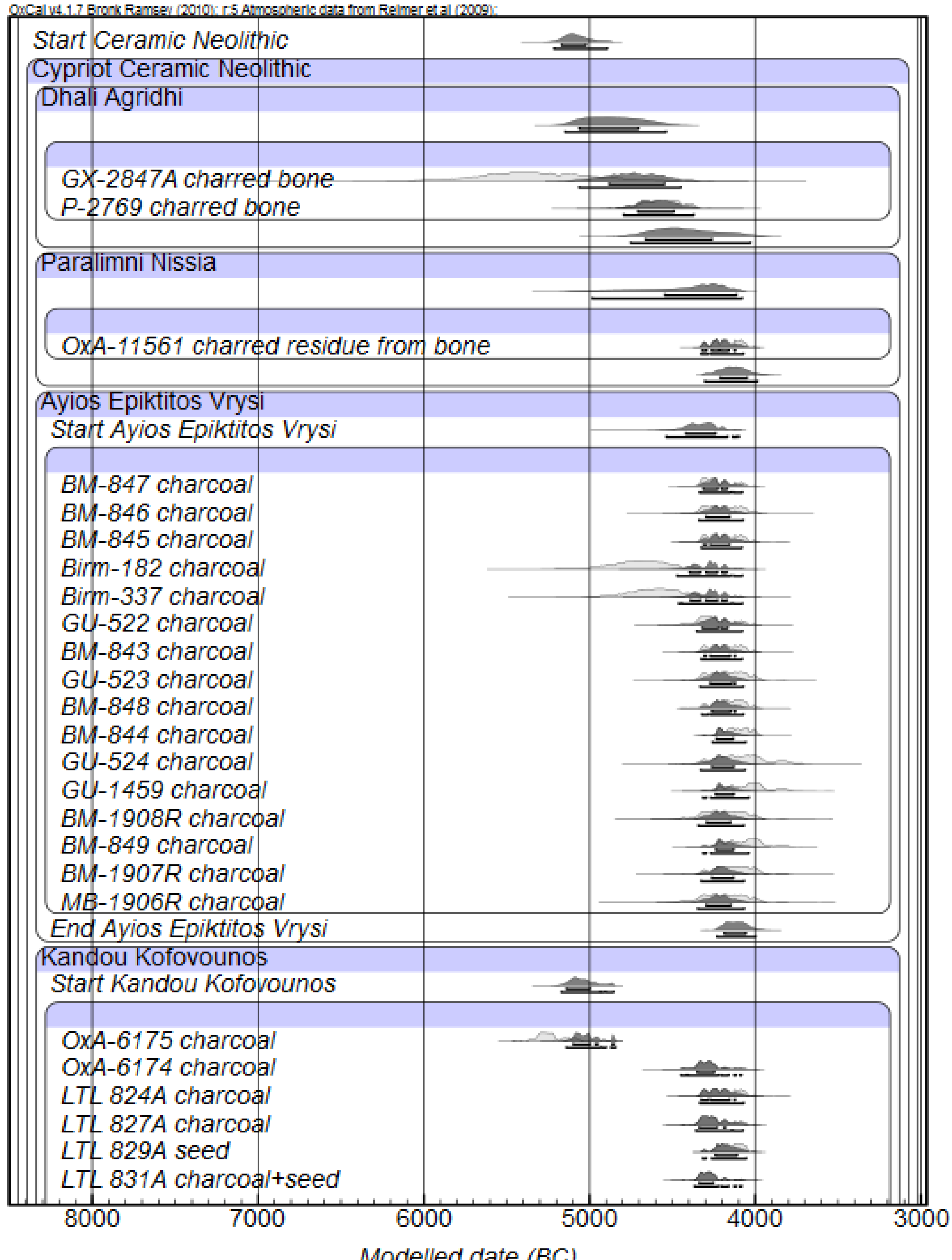


Model 1, 3 of 15

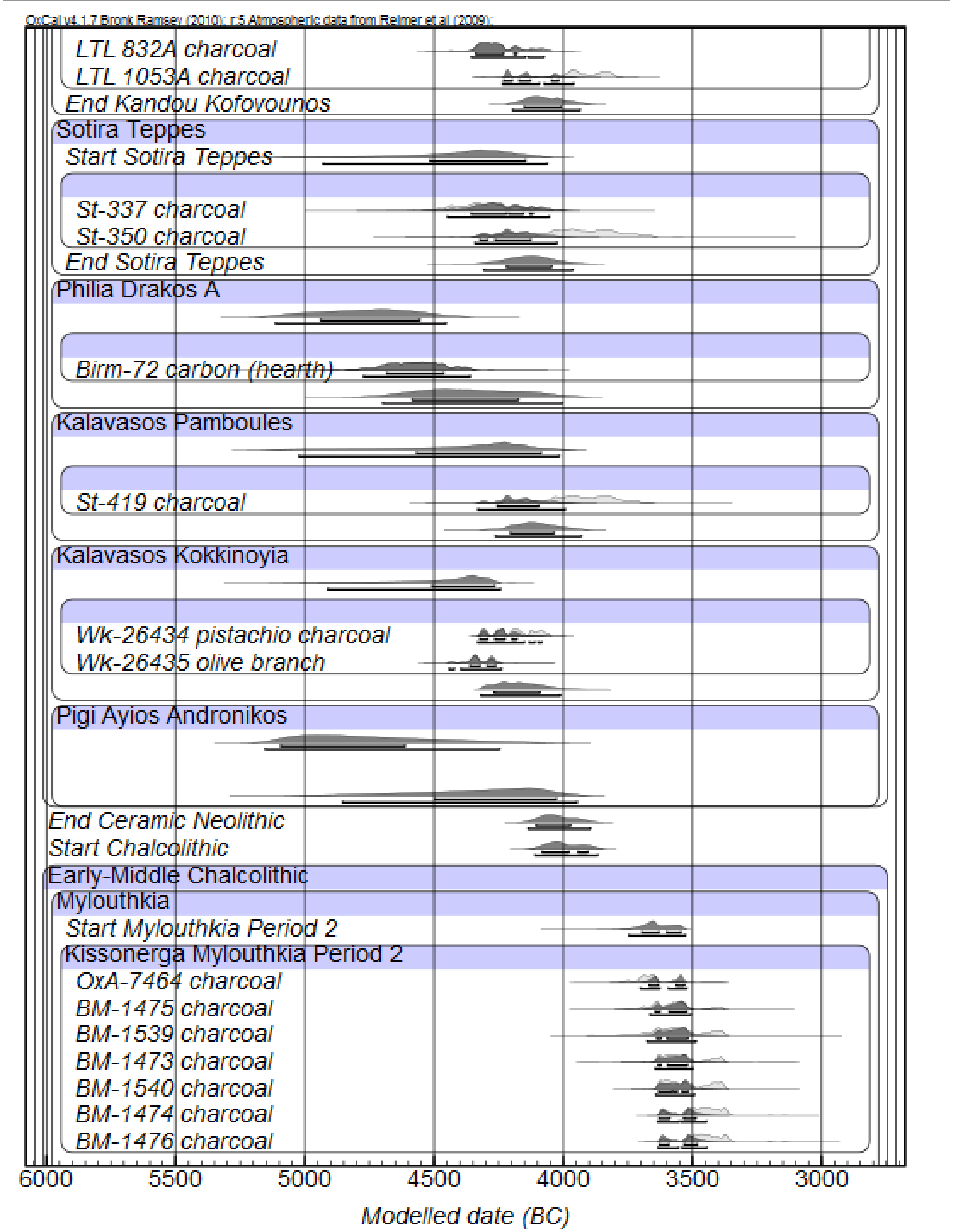

OxCal v4.1.7 Bronk Ramsey (2010); r:5 Atmospheric data from Reimer et al (2009);
Start Kalavasos Tenta
Kalavasos Tenta
P-2972 charcoal
P-2976 charcoal
P-2785 charcoal
P-2554 charcoal
P-2548 charcoal
P-2974 charcoal
P-2973 charcoal
P-2782 charcoal
P-2555 charcoal
P-2978 charcoal
P-2784 charcoal
P-2552 charcoal
P-2550 charcoal
P-2551 charcoal
P-2783 charcoal
P-2779 charcoal
P-2553 charcoal
P-2975 charcoal
P-2977 charcoal
P-2781 charcoal
End Kalavasos Tenta
Start Dhali Agridhi
Dhali Agridhi
P-2775
P-2768
GX-2848A
End Dhali Agridhi
Start Khirokitia
Khirokitia Vouni
St-415
St-414
St-416
BM-852
BM-853
BM-854
BM-855
Ly 3716 charcoal
14000
12000
10000
8000
6000
4000
Modelled date (BC)



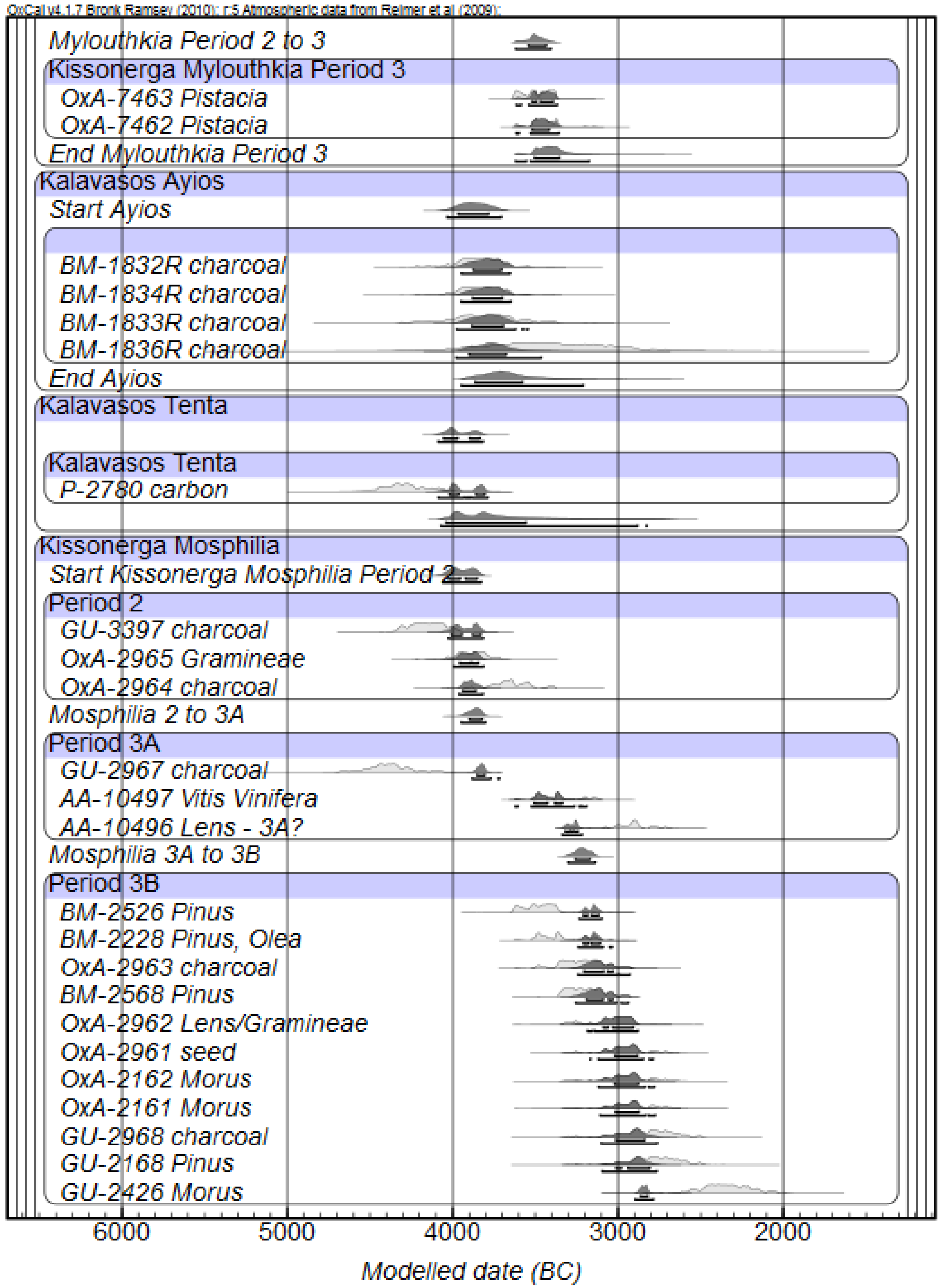
Model 1, 5 of 15



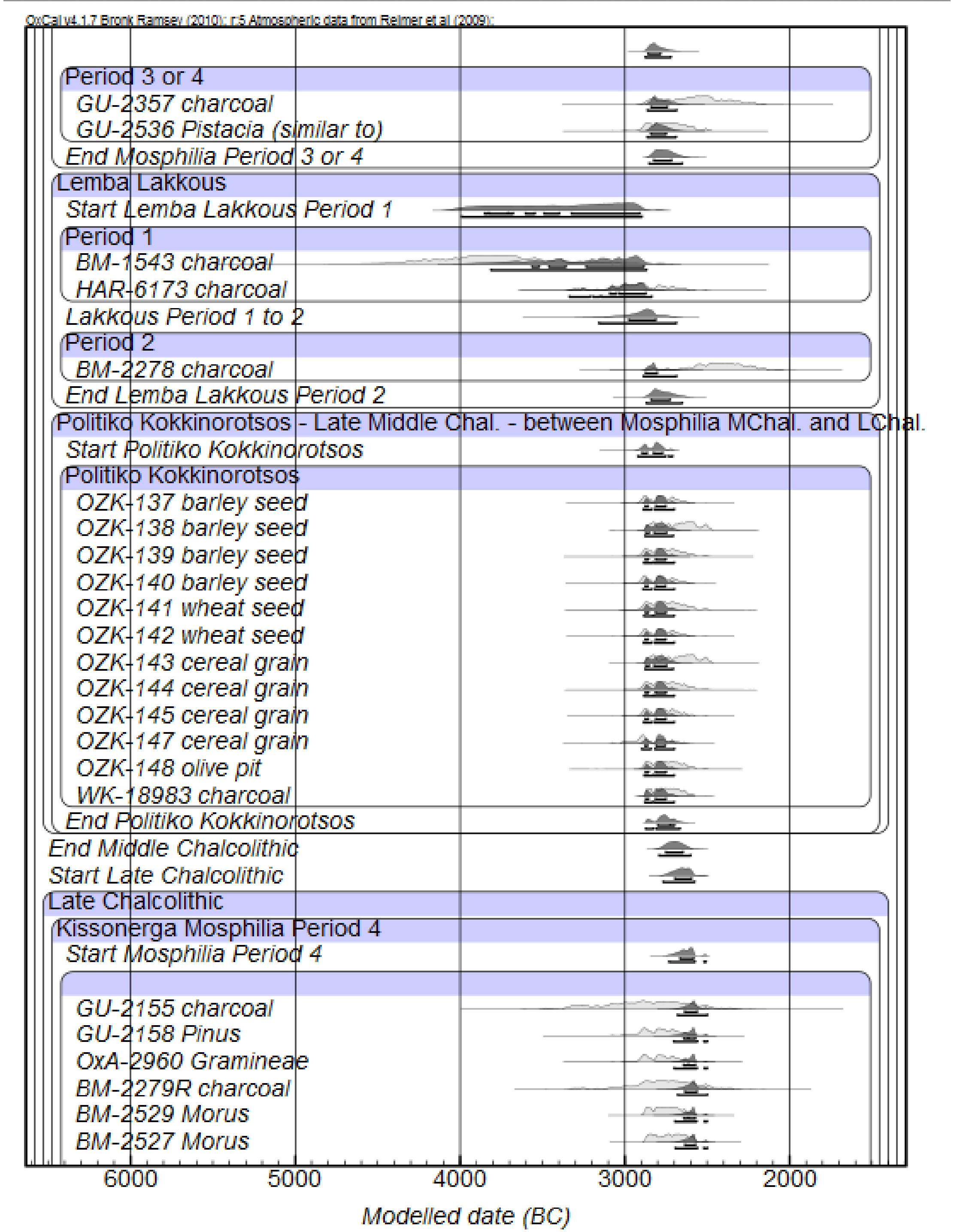
Model 1, 6 of 15



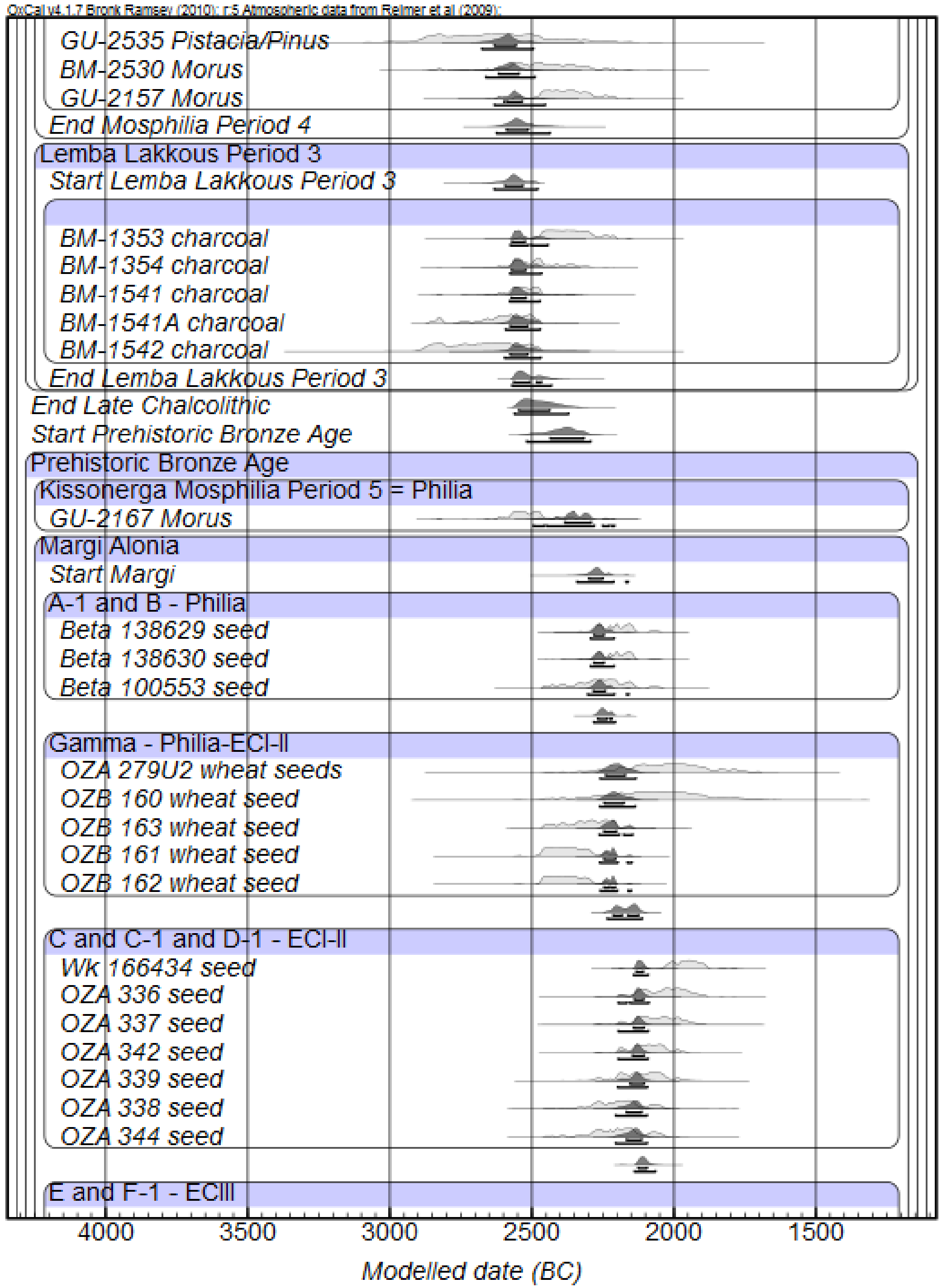
Model 1, 7 of 15



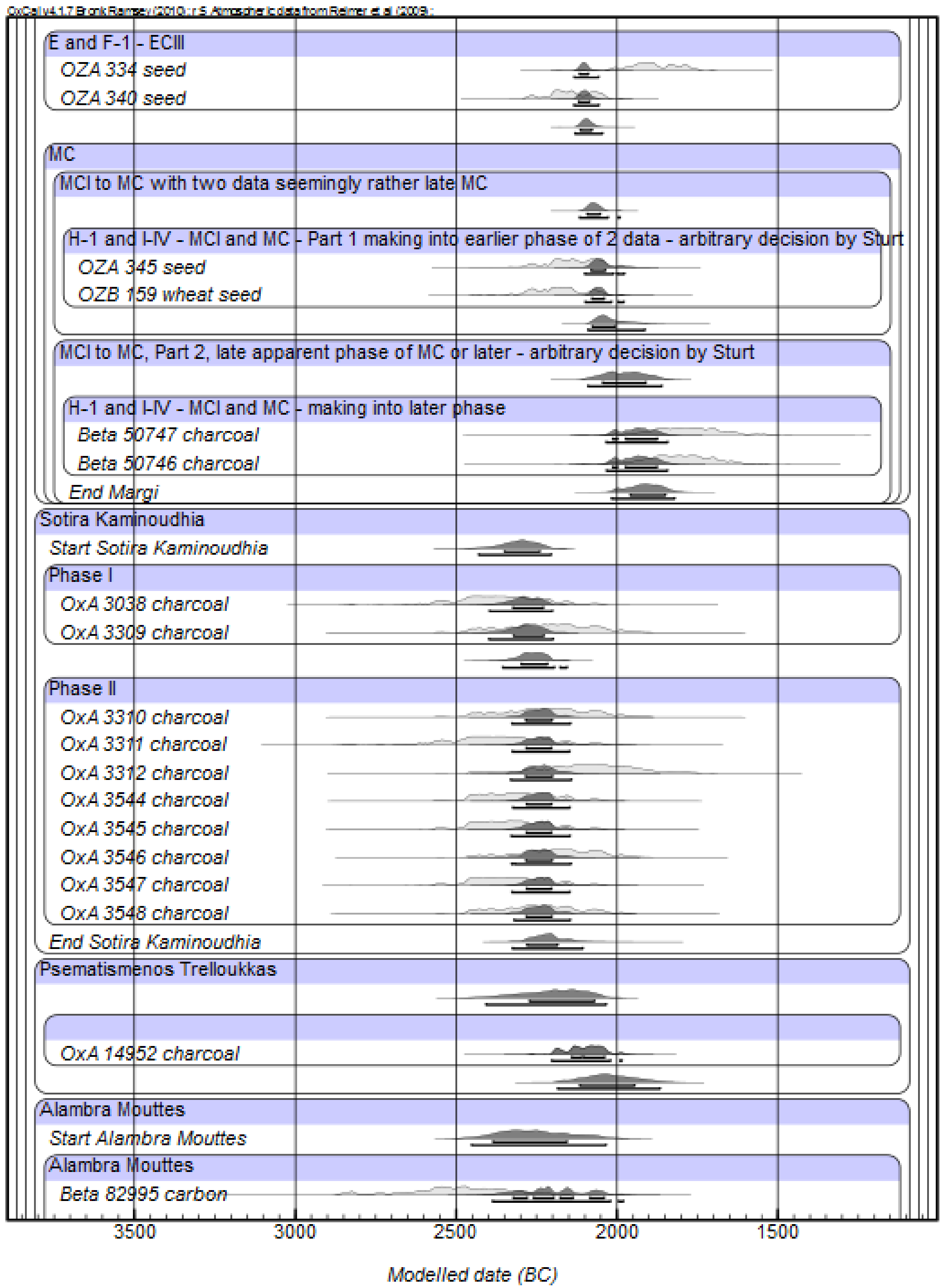
Model 1, 8 of 15



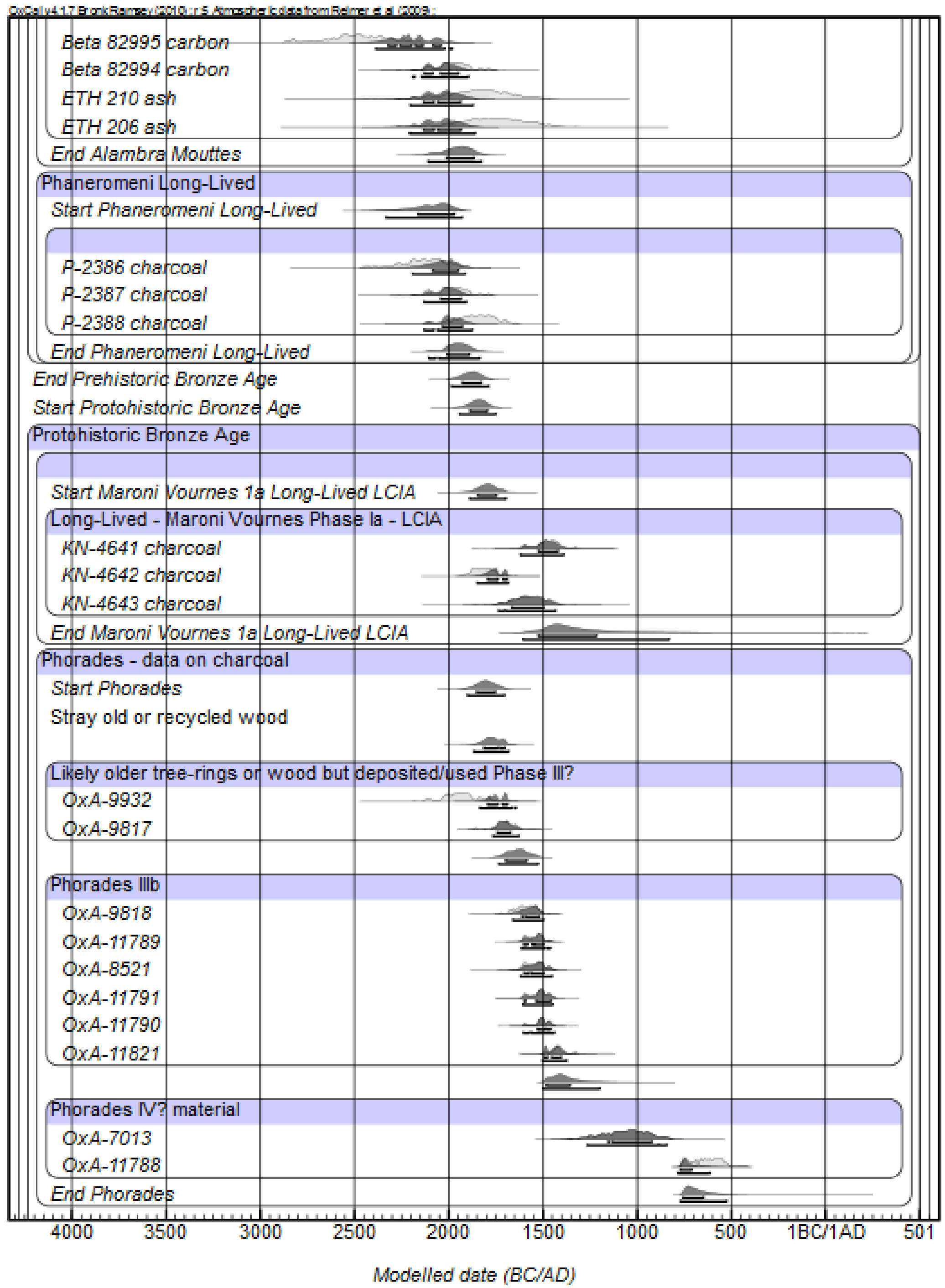
Model 1, 9 of 15



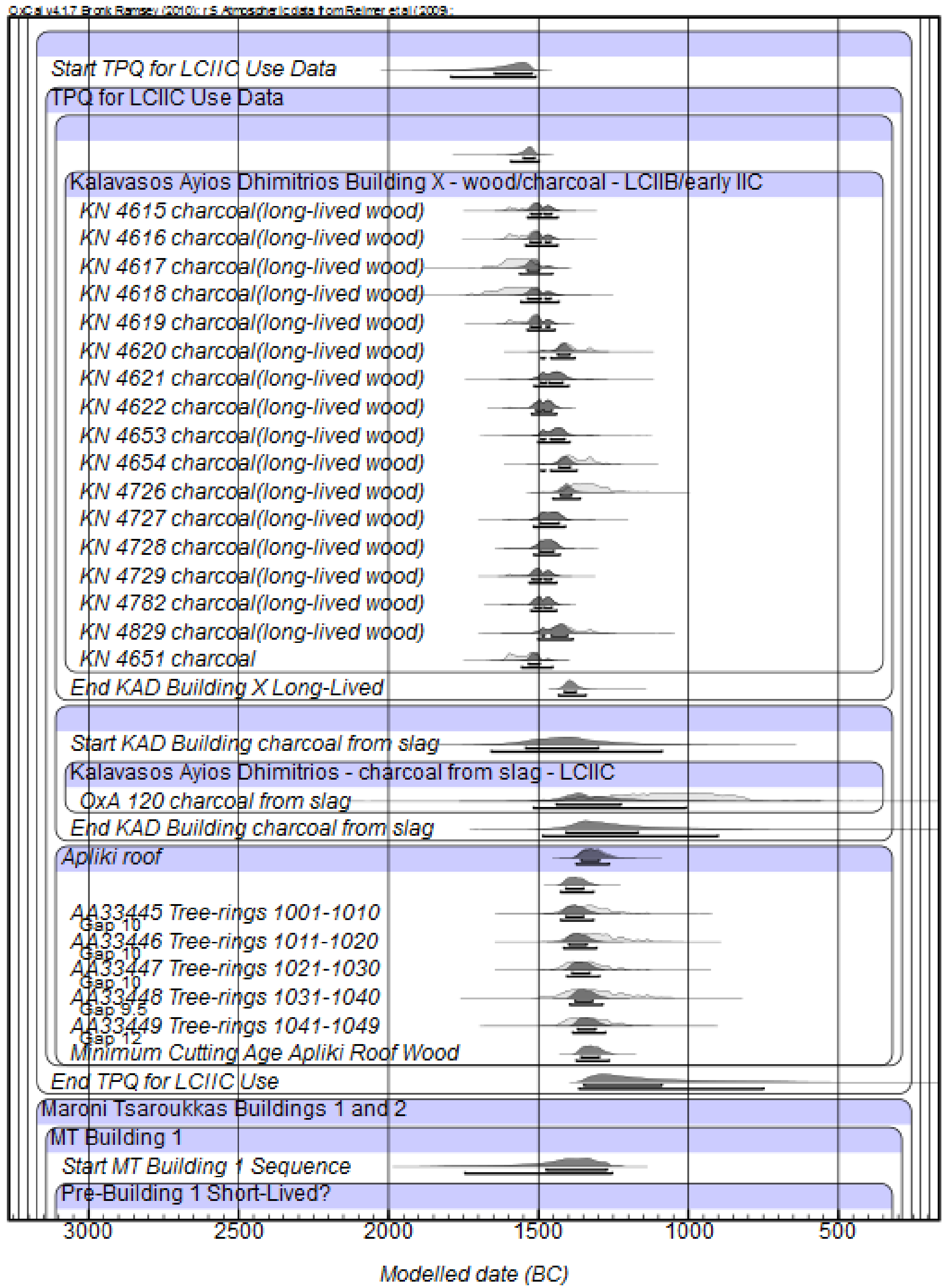
Model 1, 10 of 15



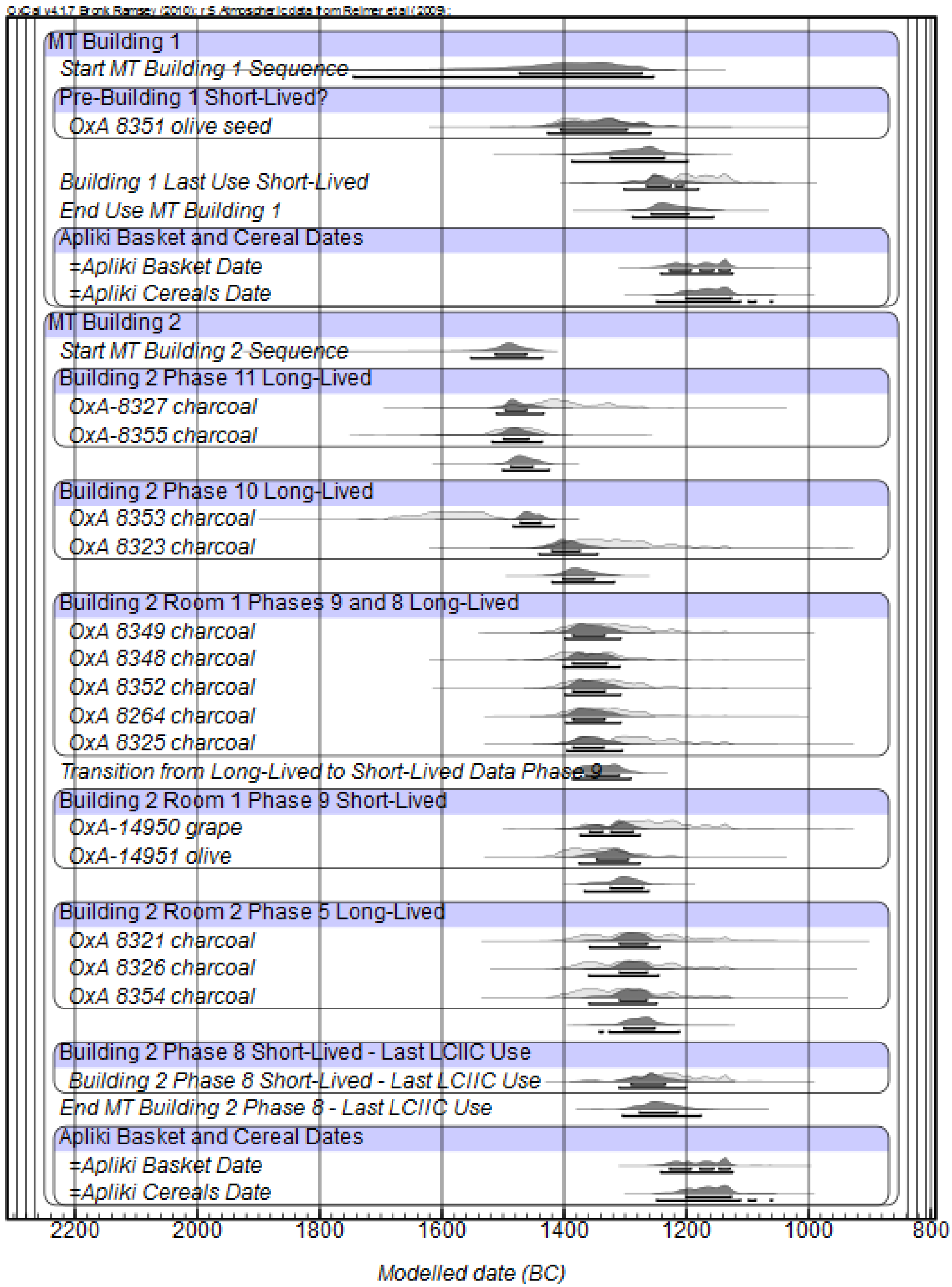
Model 1, 11 of 15



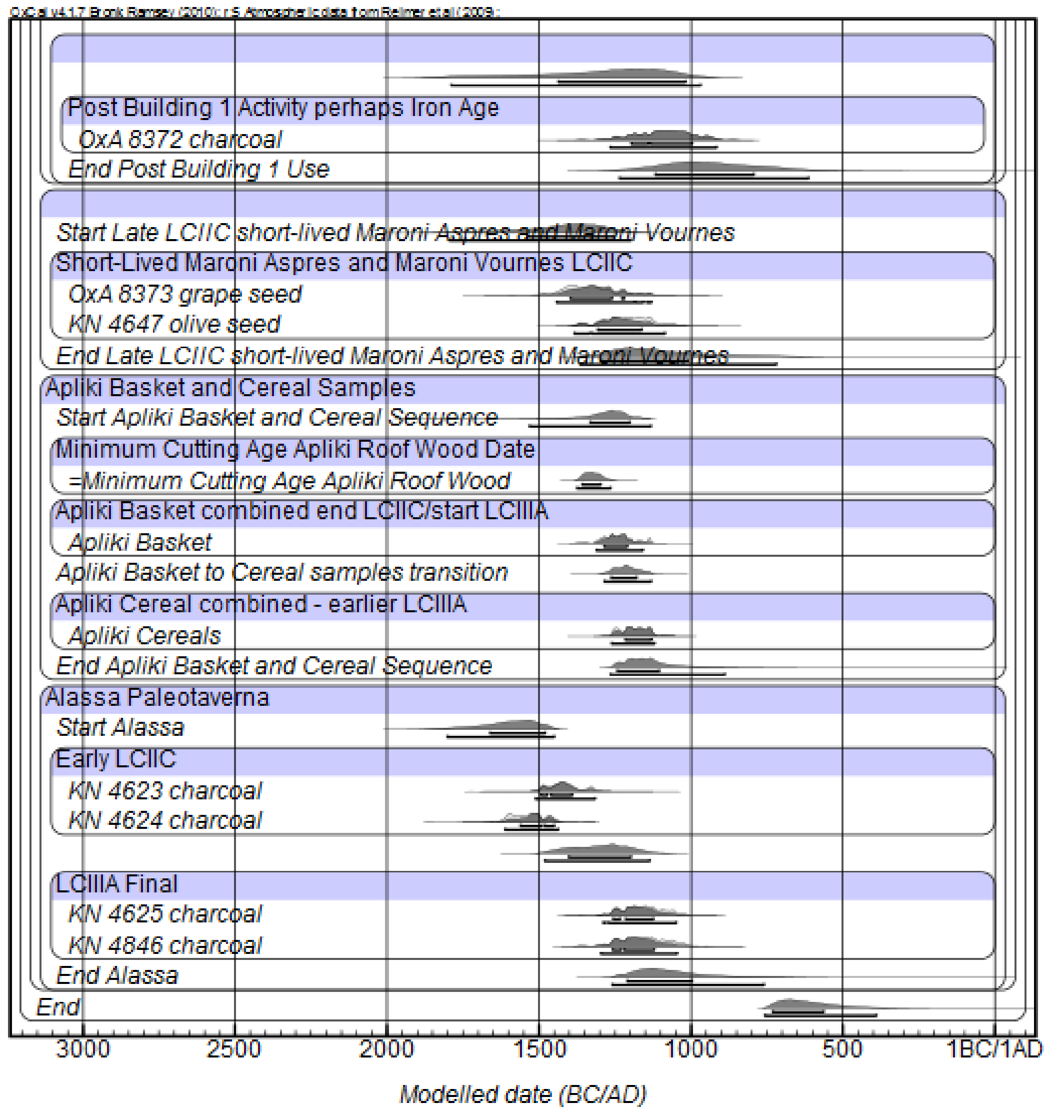
Model 1, 12 of 15



Model 1, 13 of 15

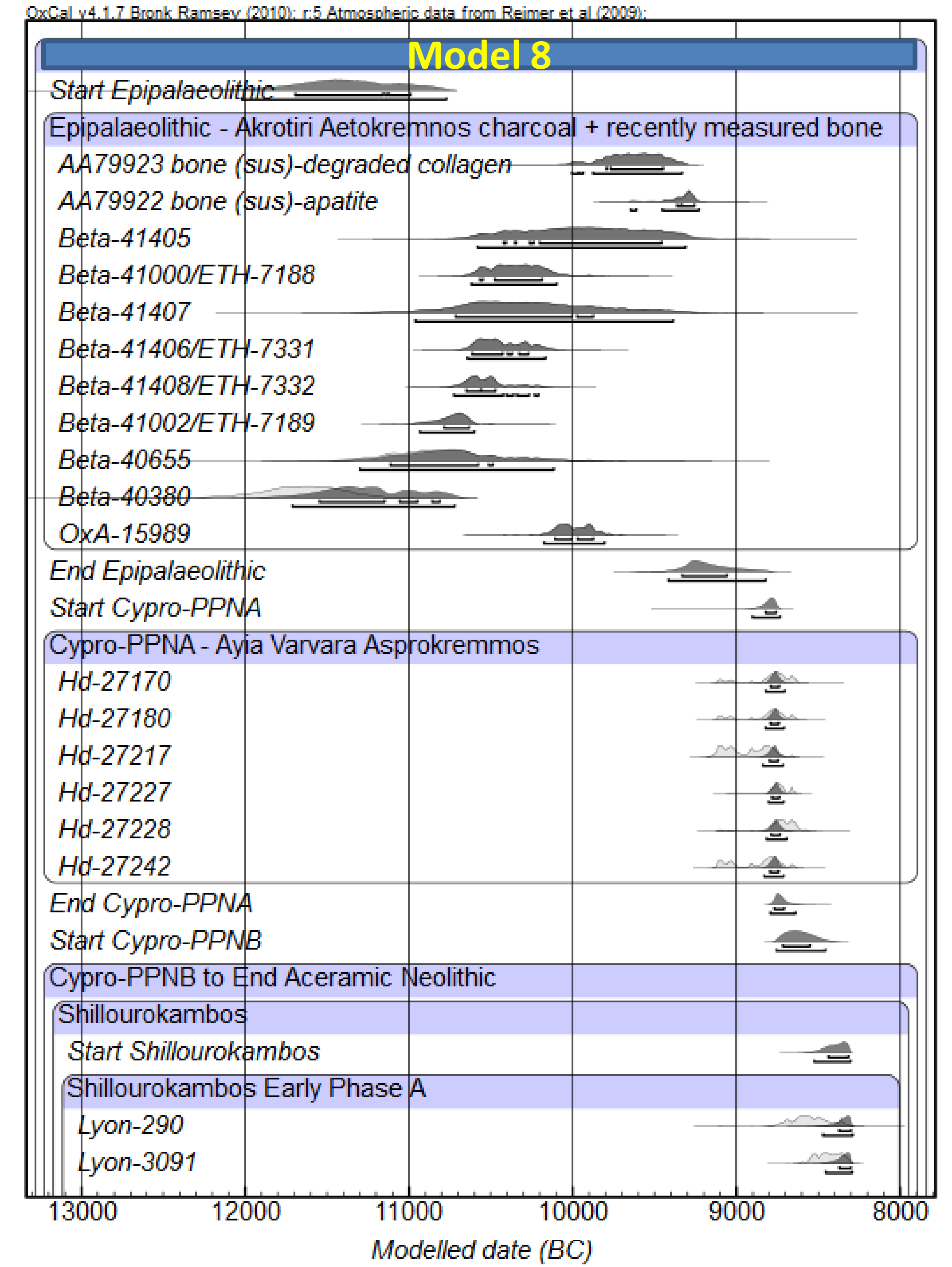


Model 1, 14 of 15

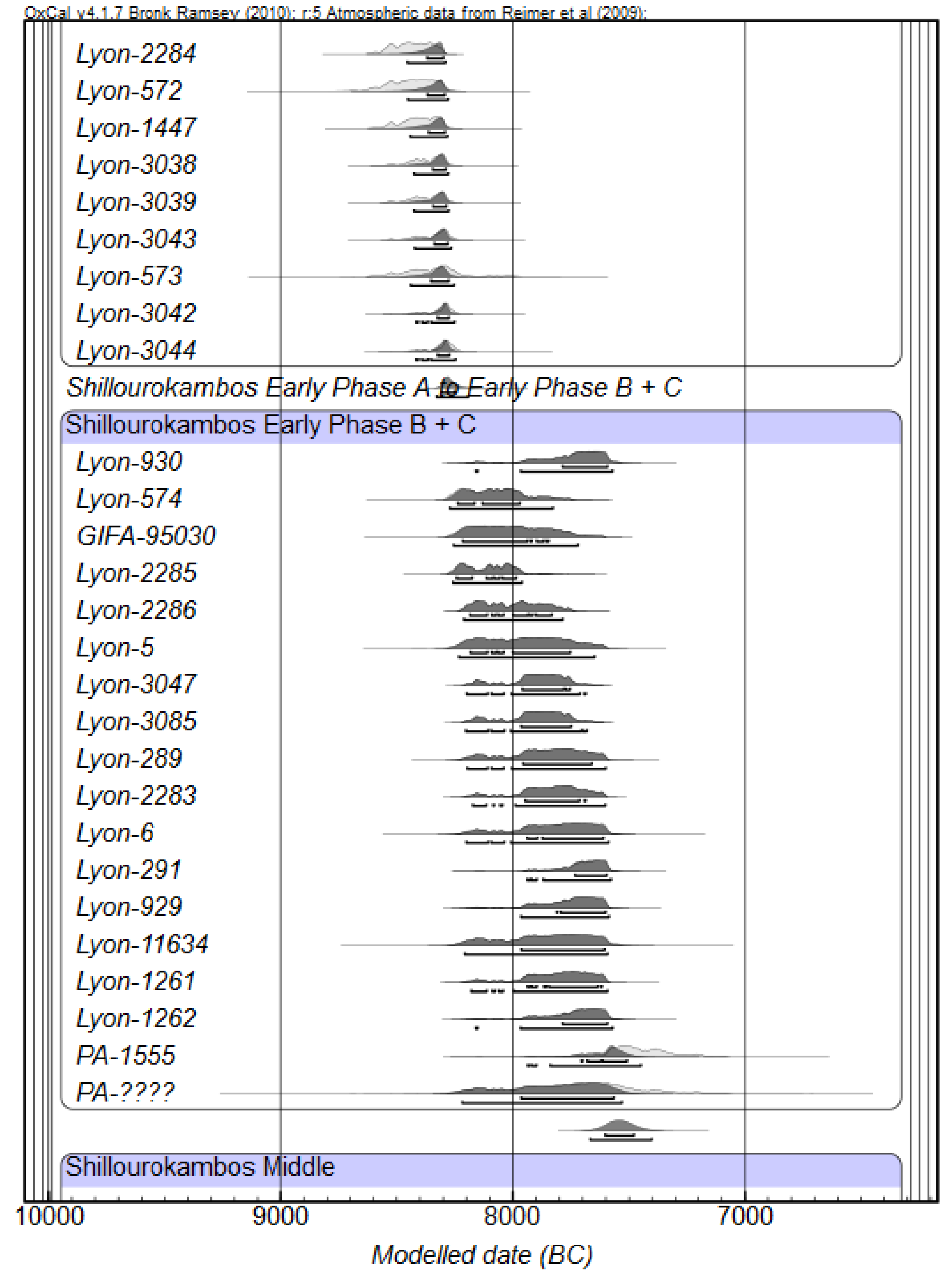


Model 1, 15 of 15

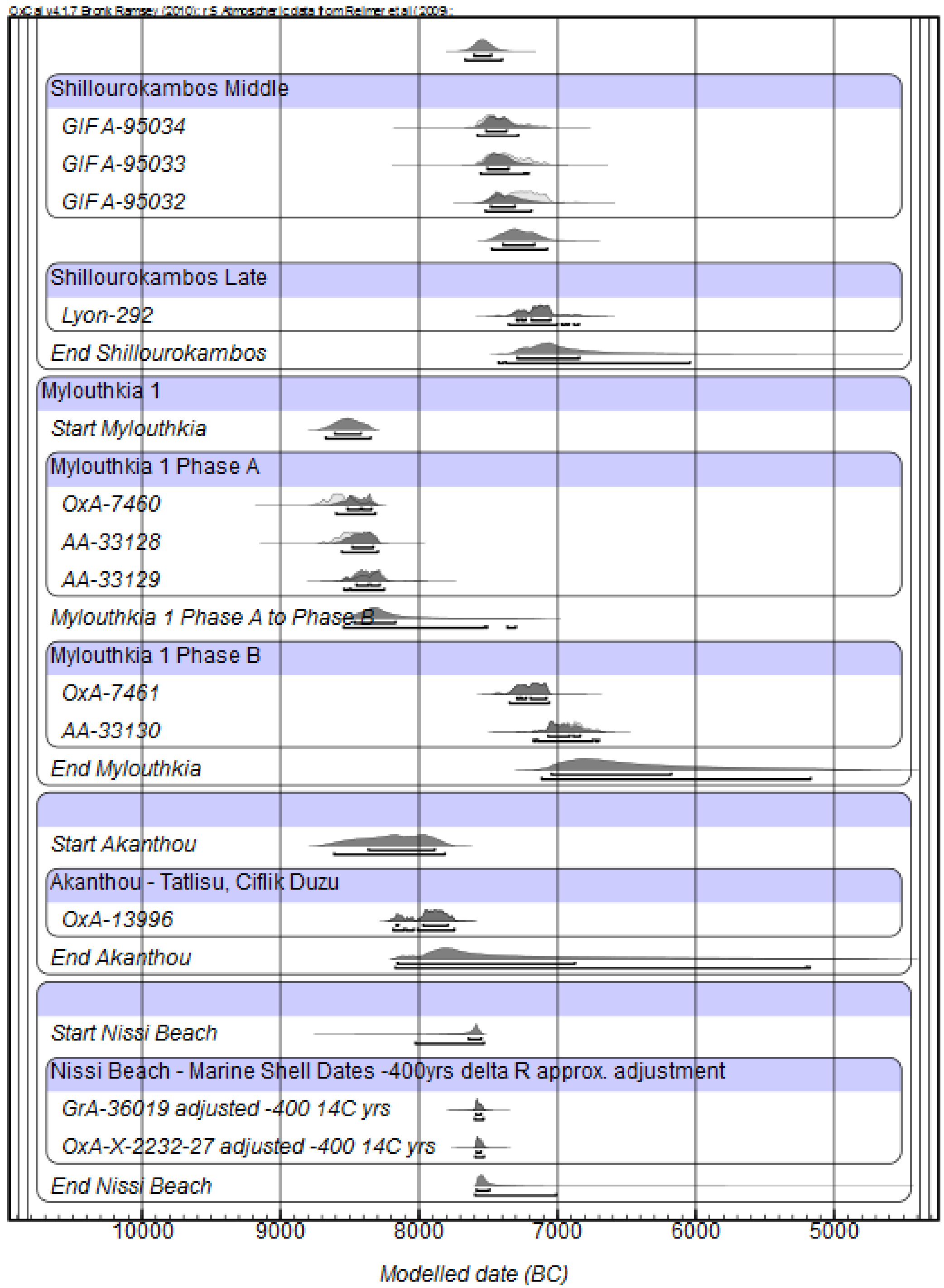
Figure S2
(parts 1-19)



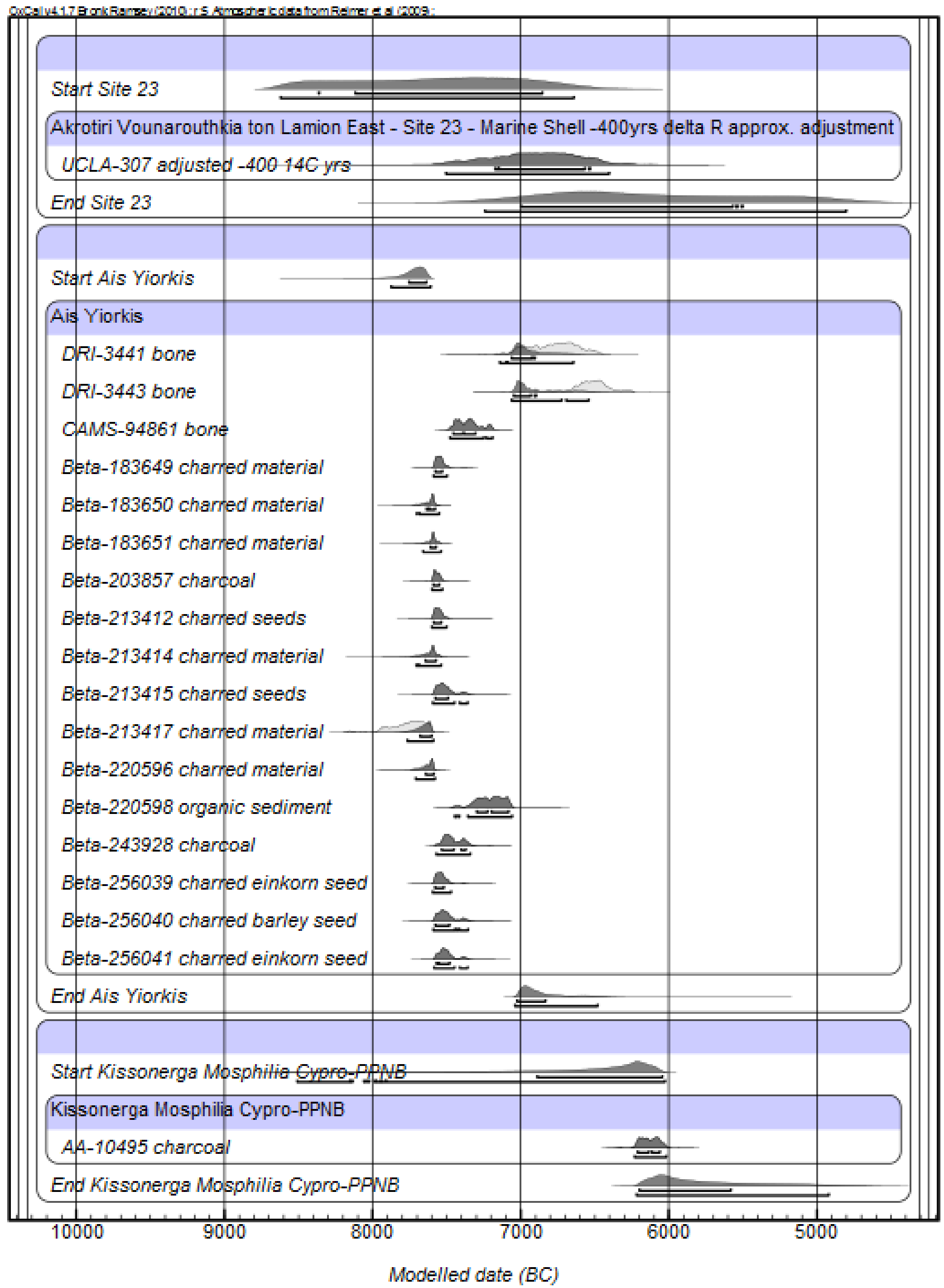
Model 8, 1 of 19



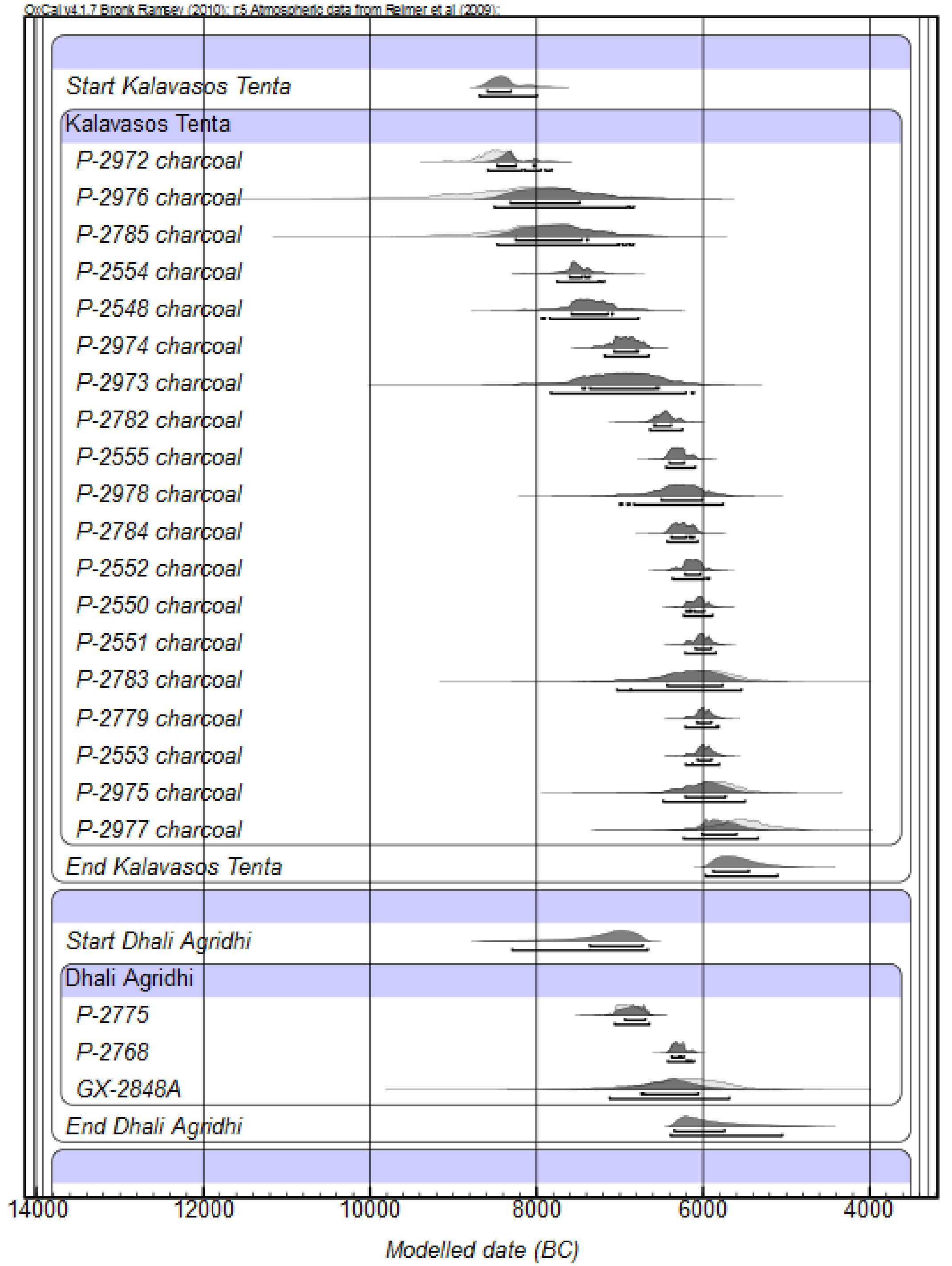
Model 8, 2 of 19



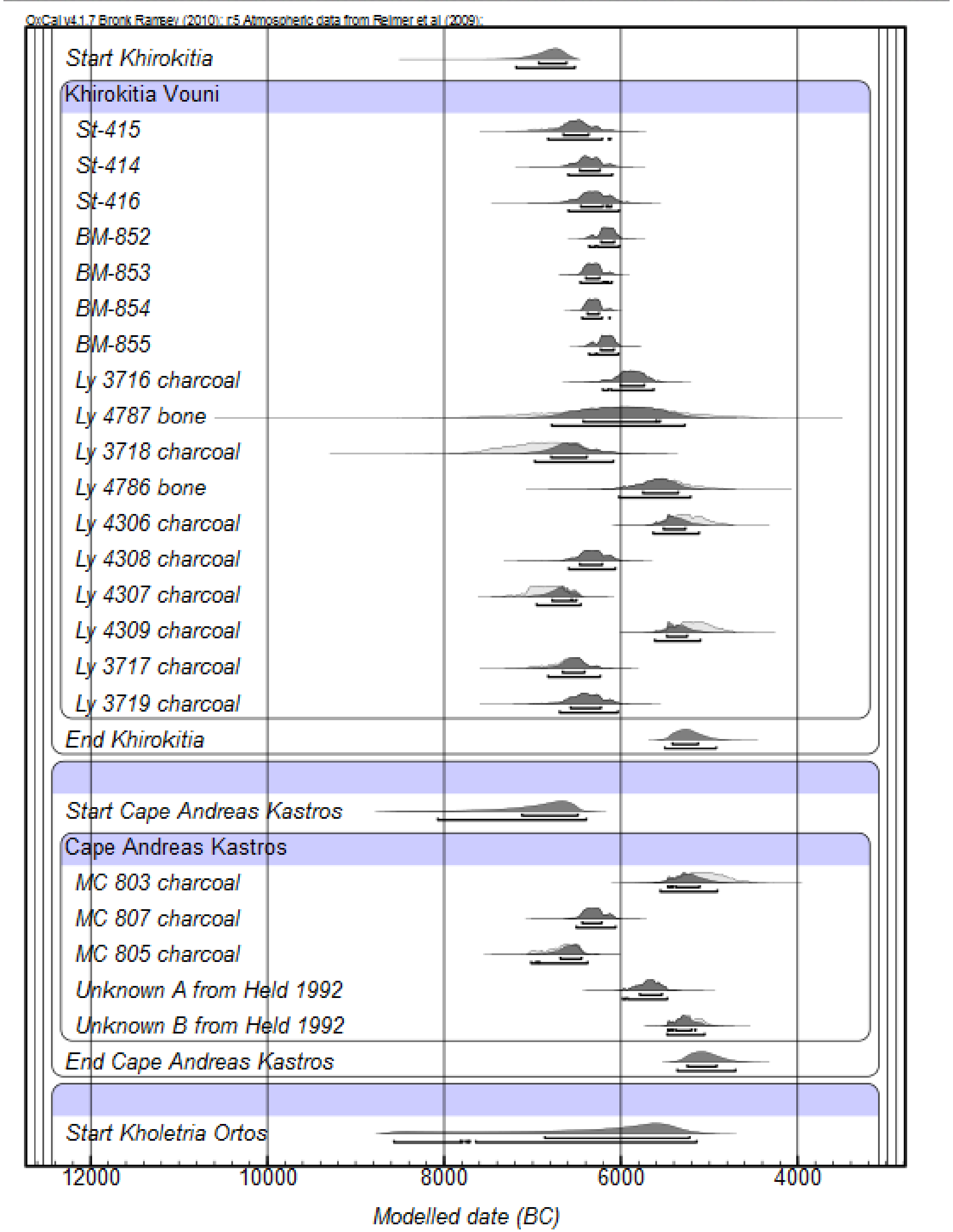
Model 8, 3 of 19



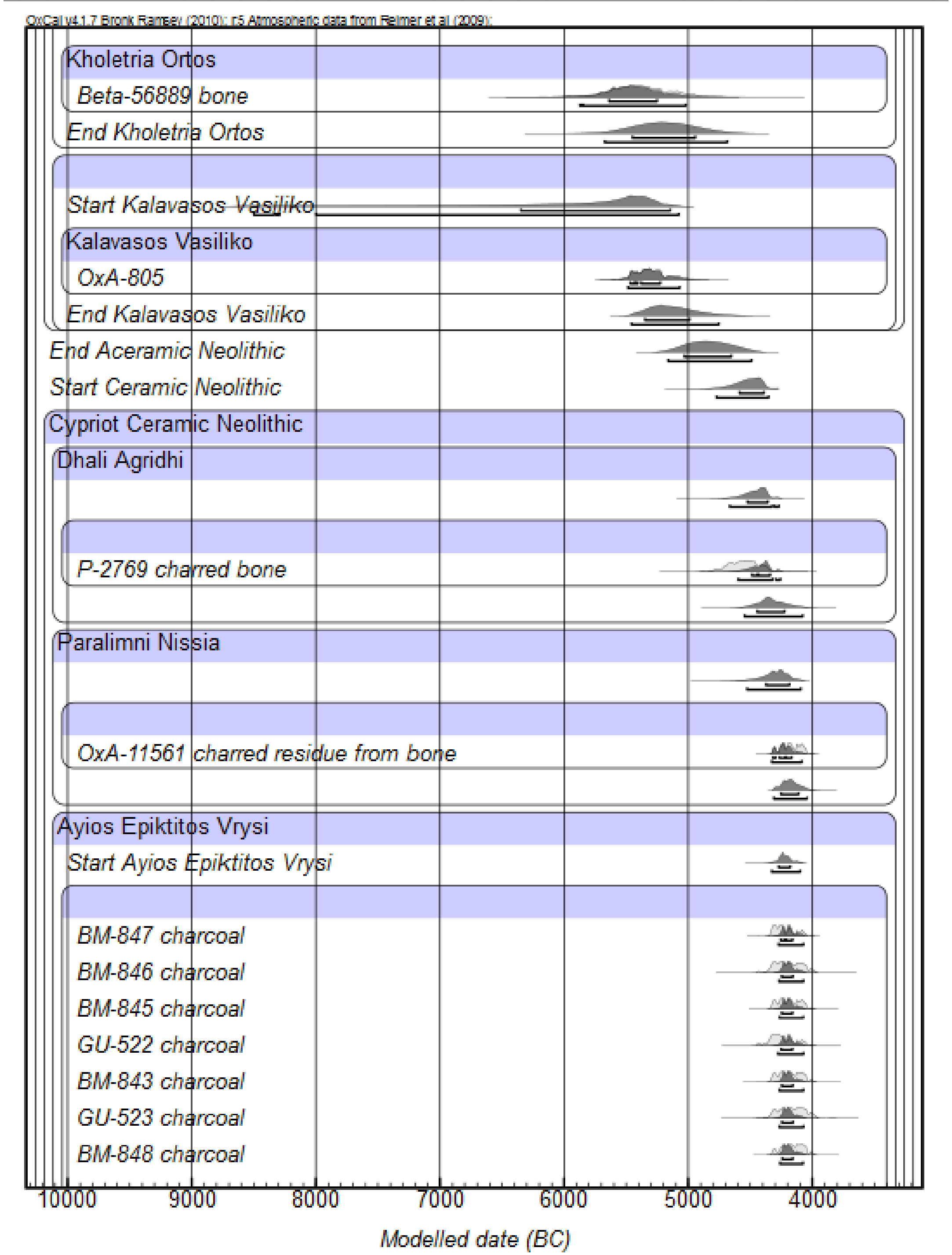
Model 8, 4 of 19



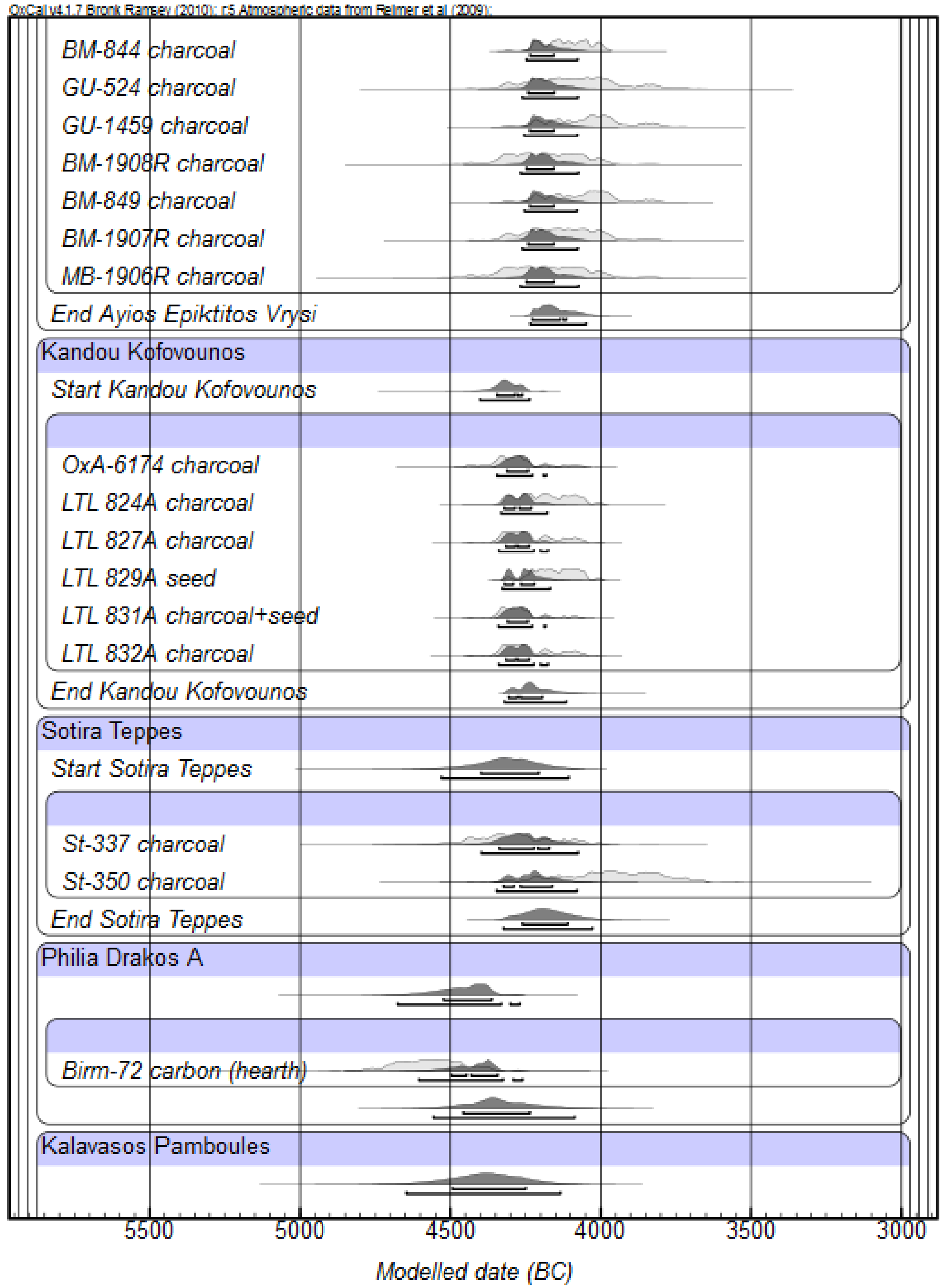
Model 8, 5 of 19



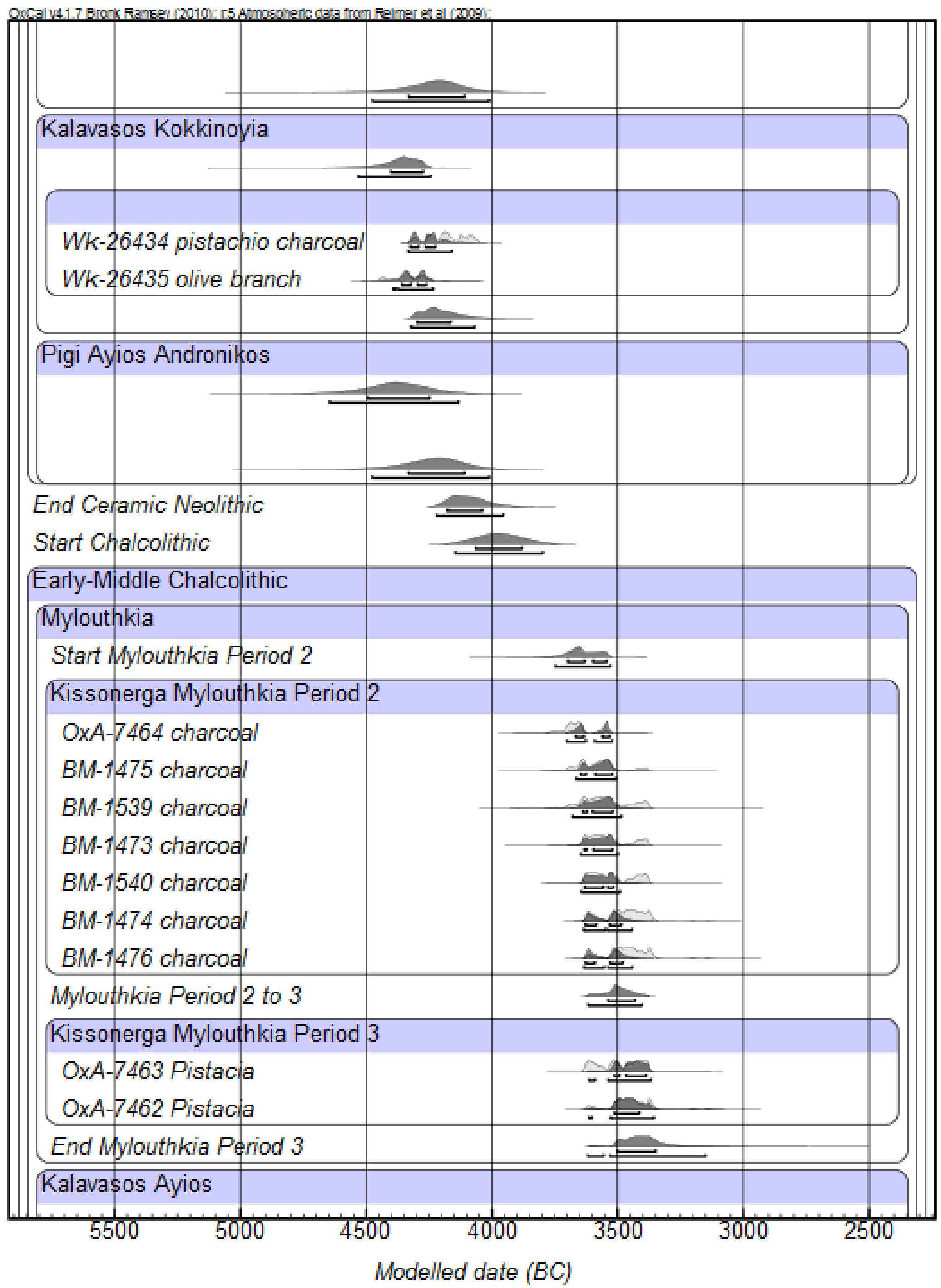
Model 8, 6 of 19



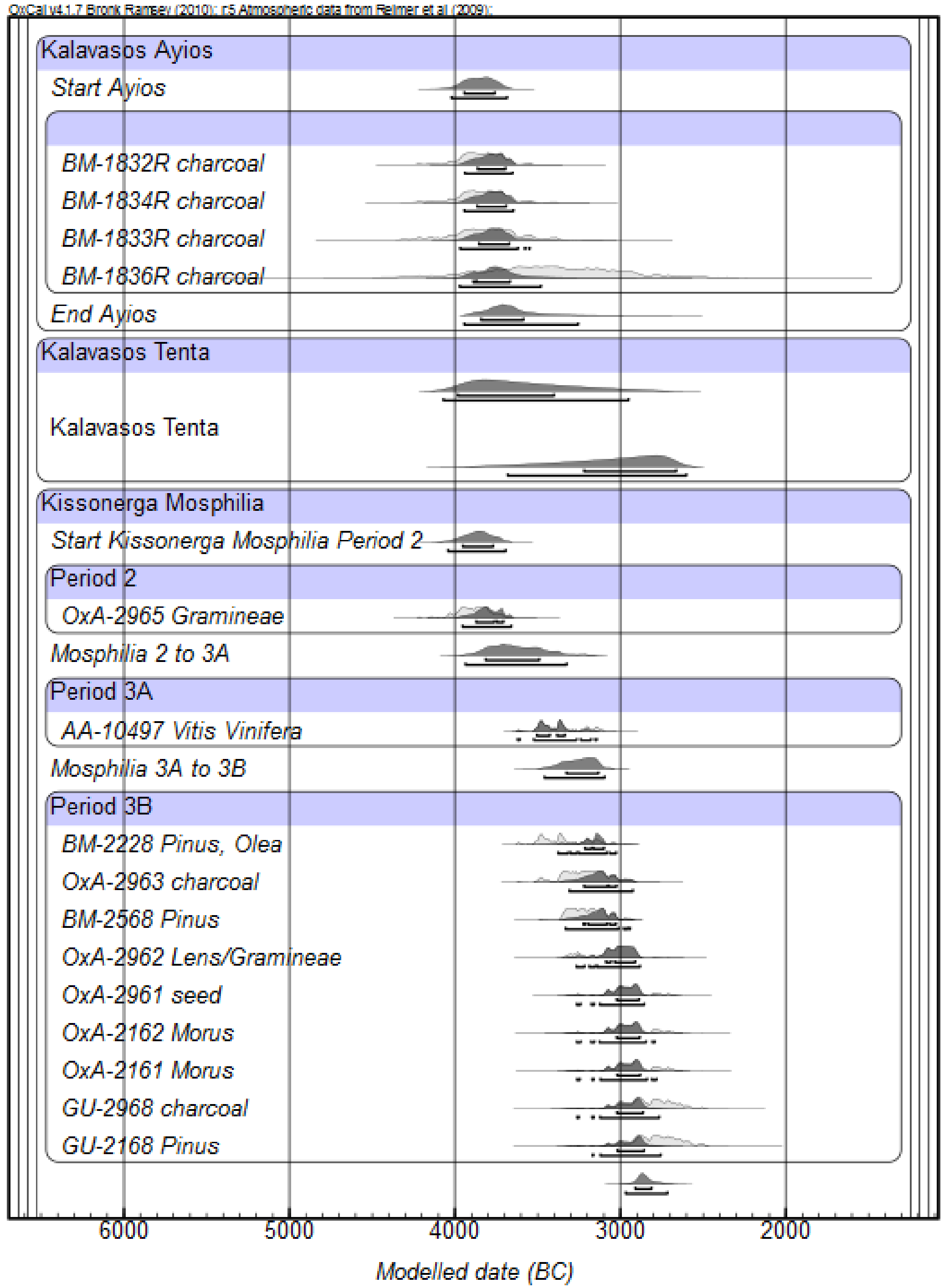
Model 8, 7 of 19



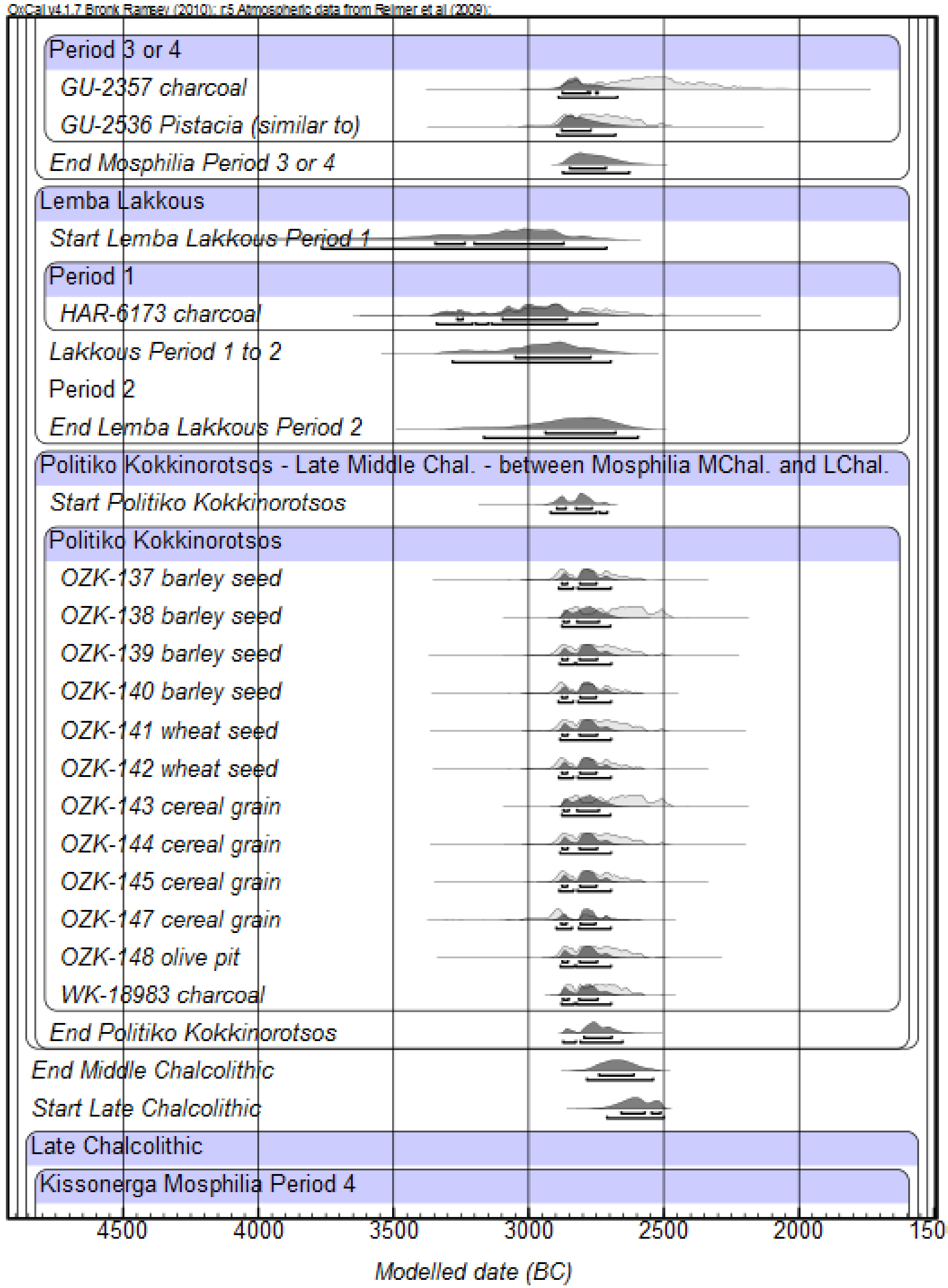
Model 8, 8 of 19



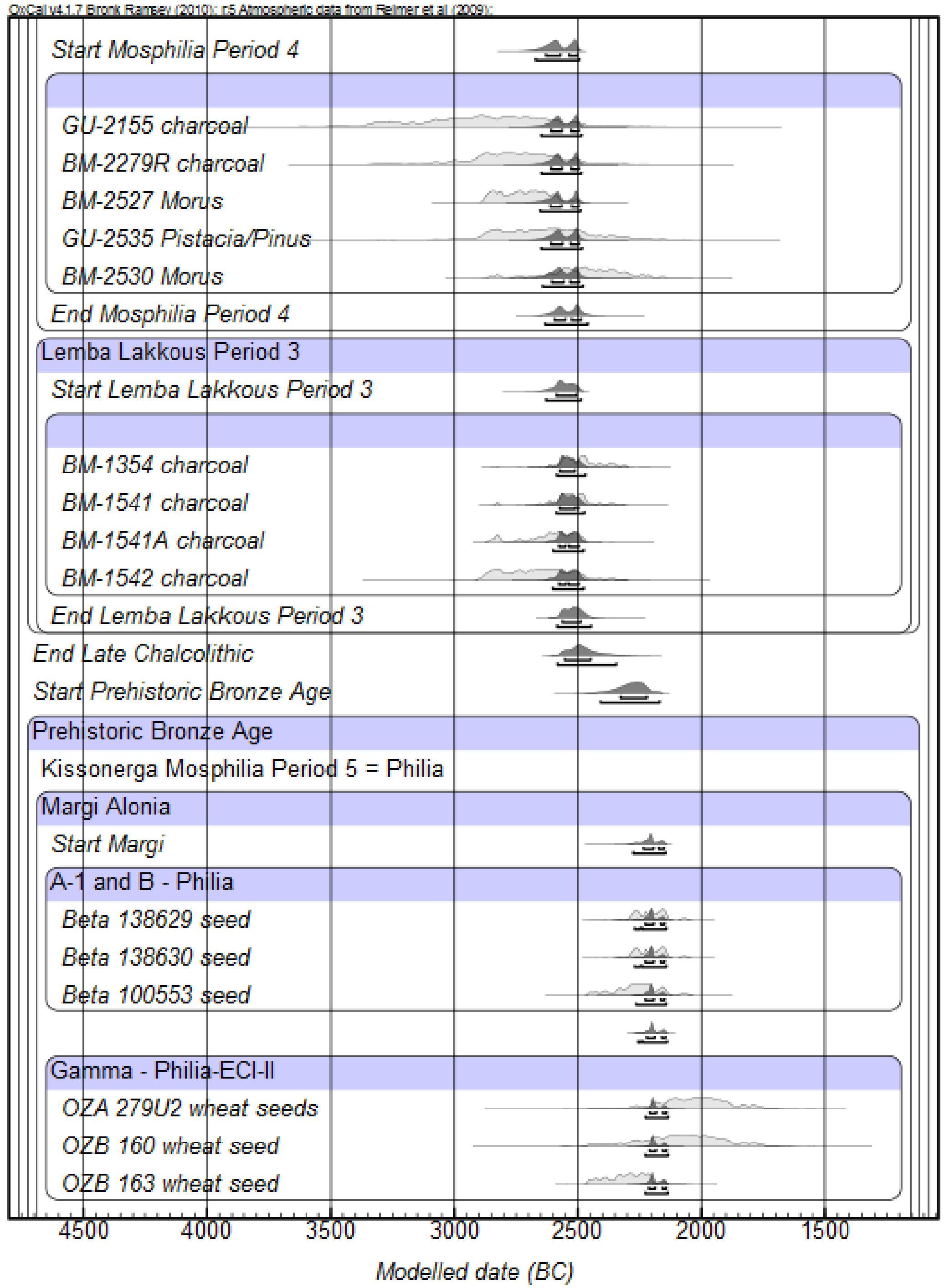
Model 8, 9 of 19



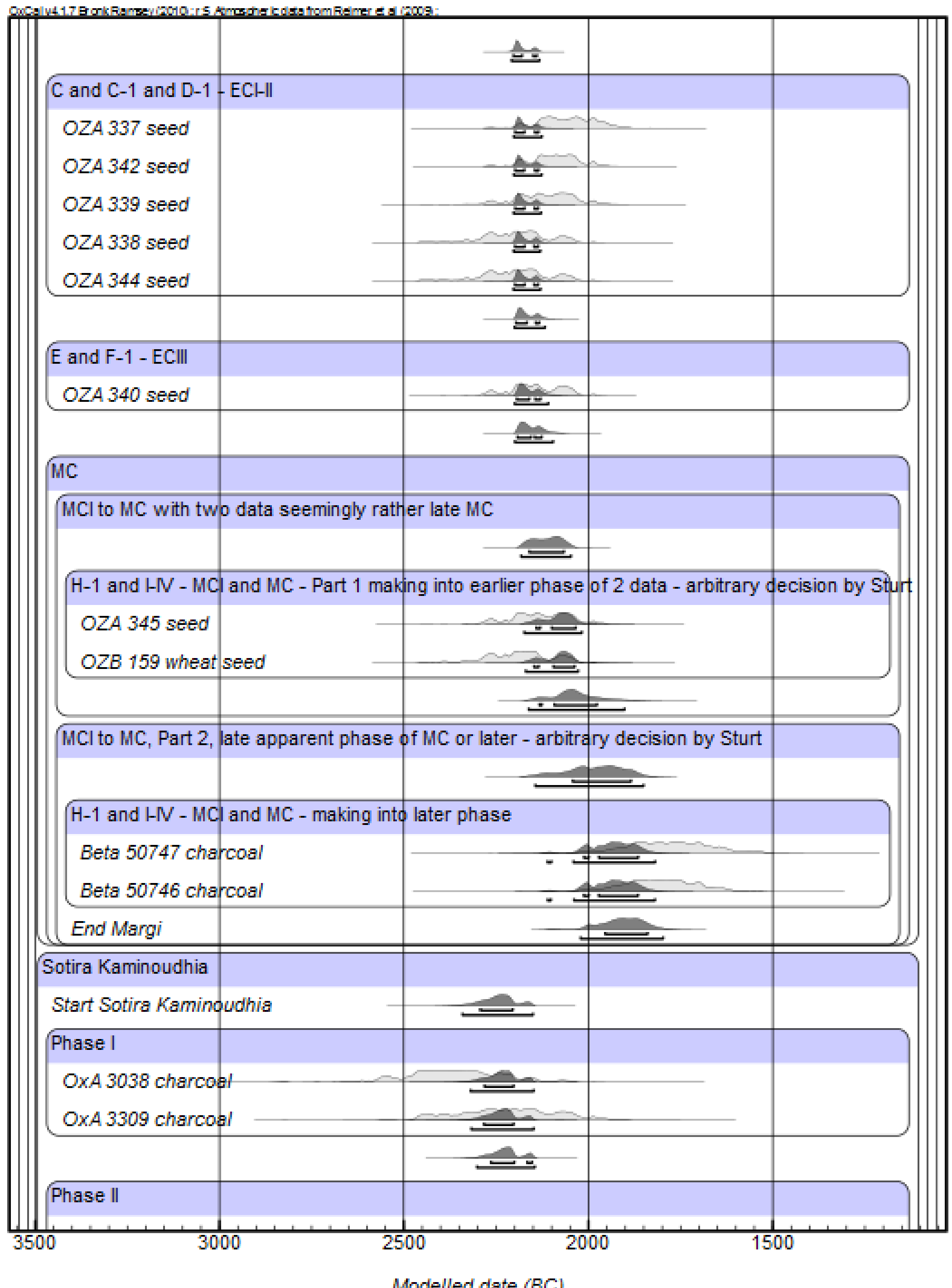
Model 8, 10 of 19



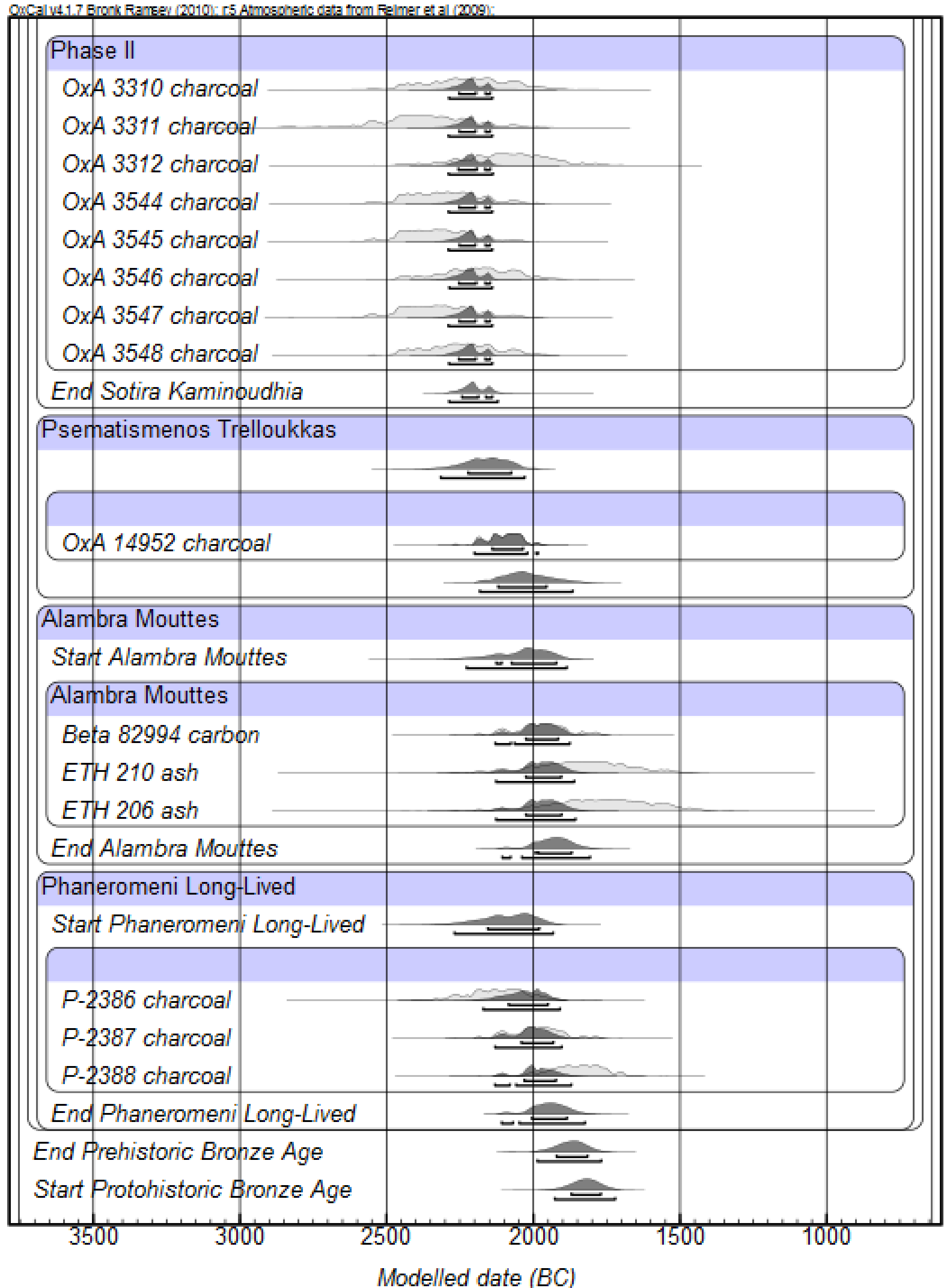
Model 8, 11 of 19



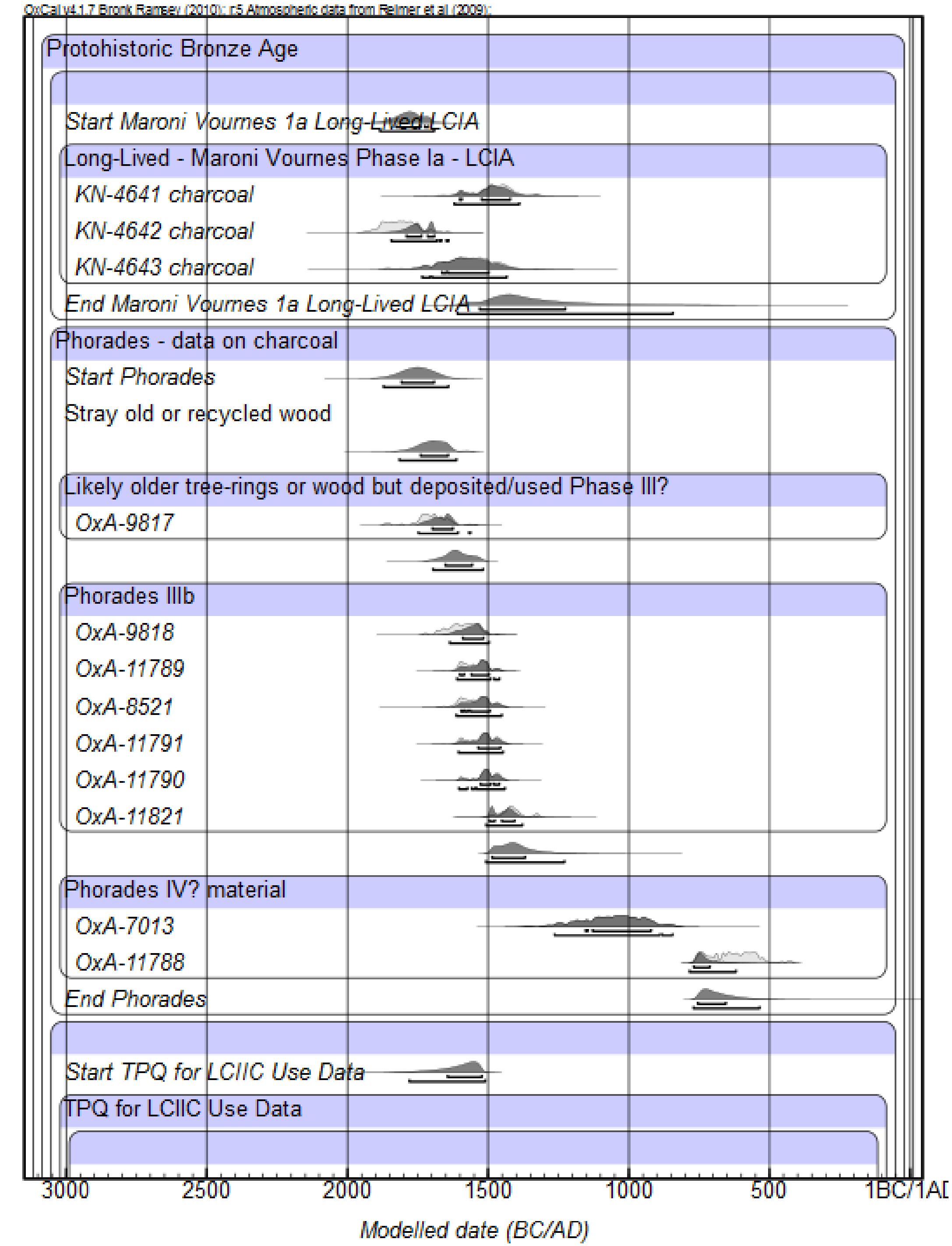
Model 8, 12 of 19



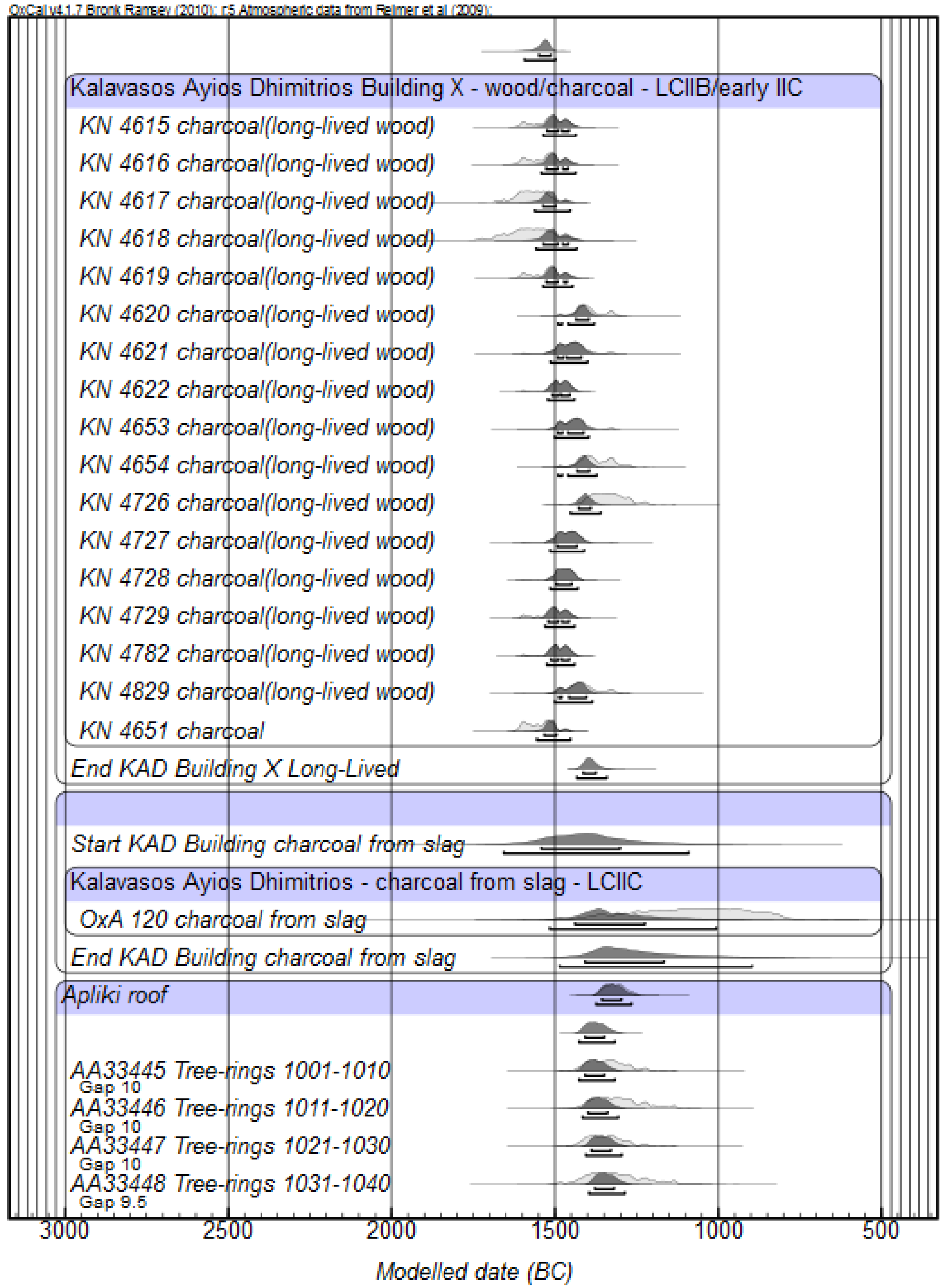
Model 8, 13 of 19



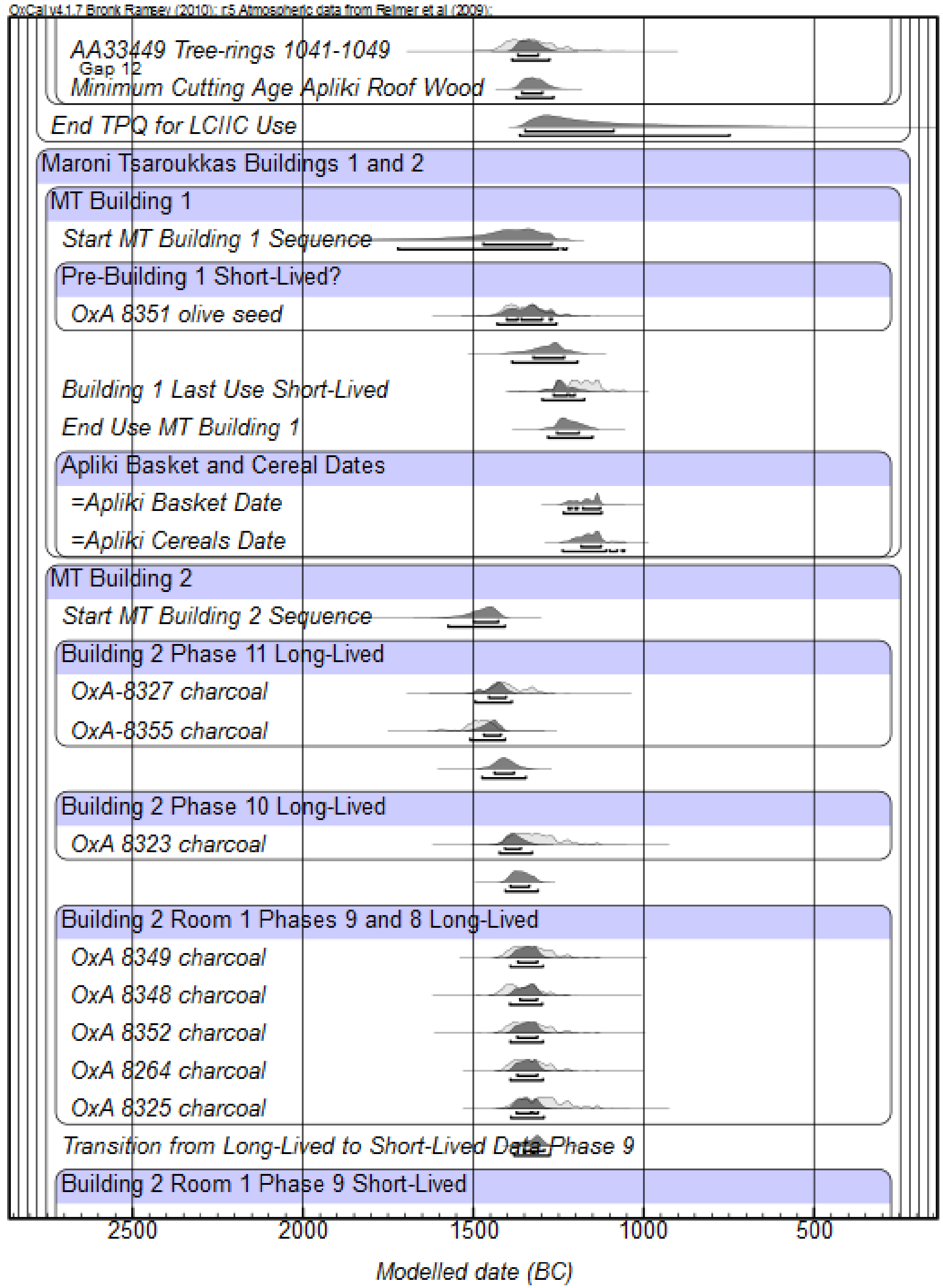
Model 8, 14 of 19



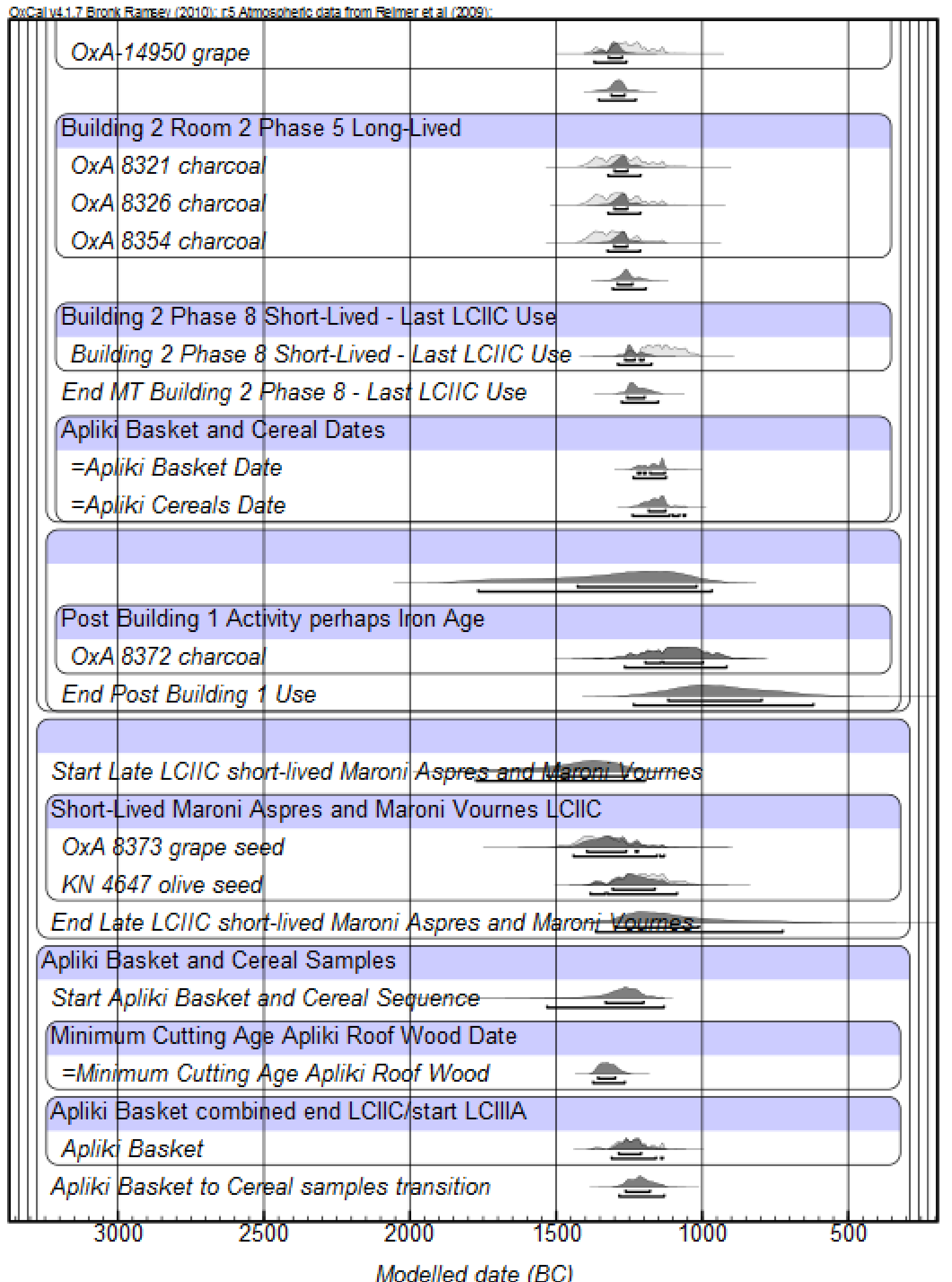
Model 8, 15 of 19



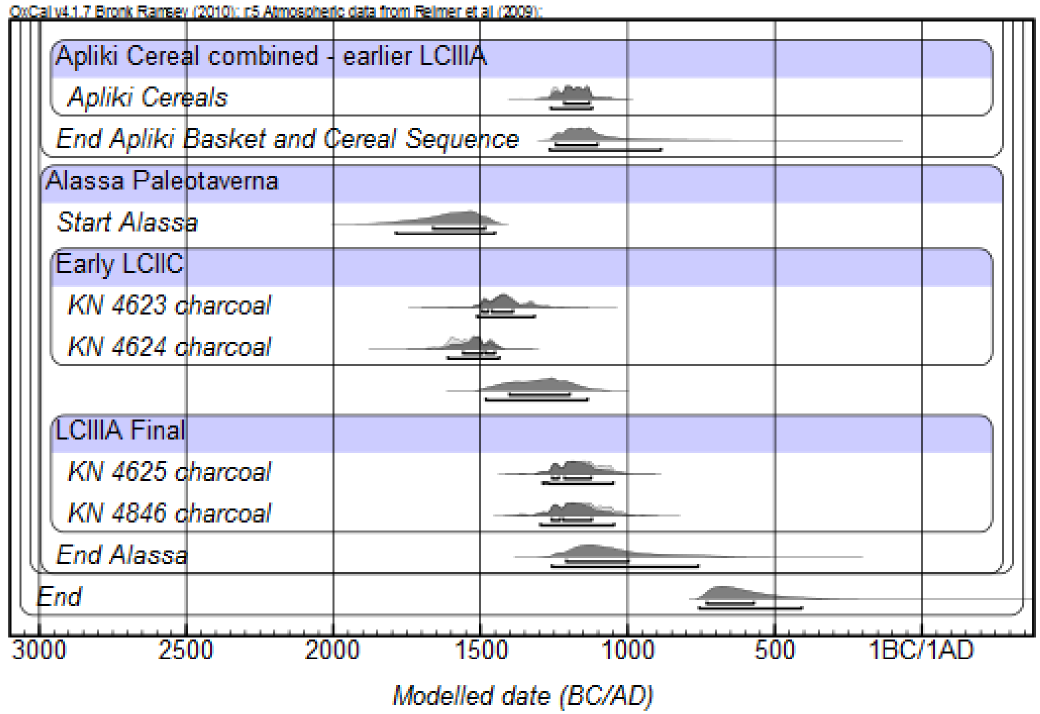
Model 8, 16 of 19



Model 8, 17 of 19



Model 8, 18 of 19



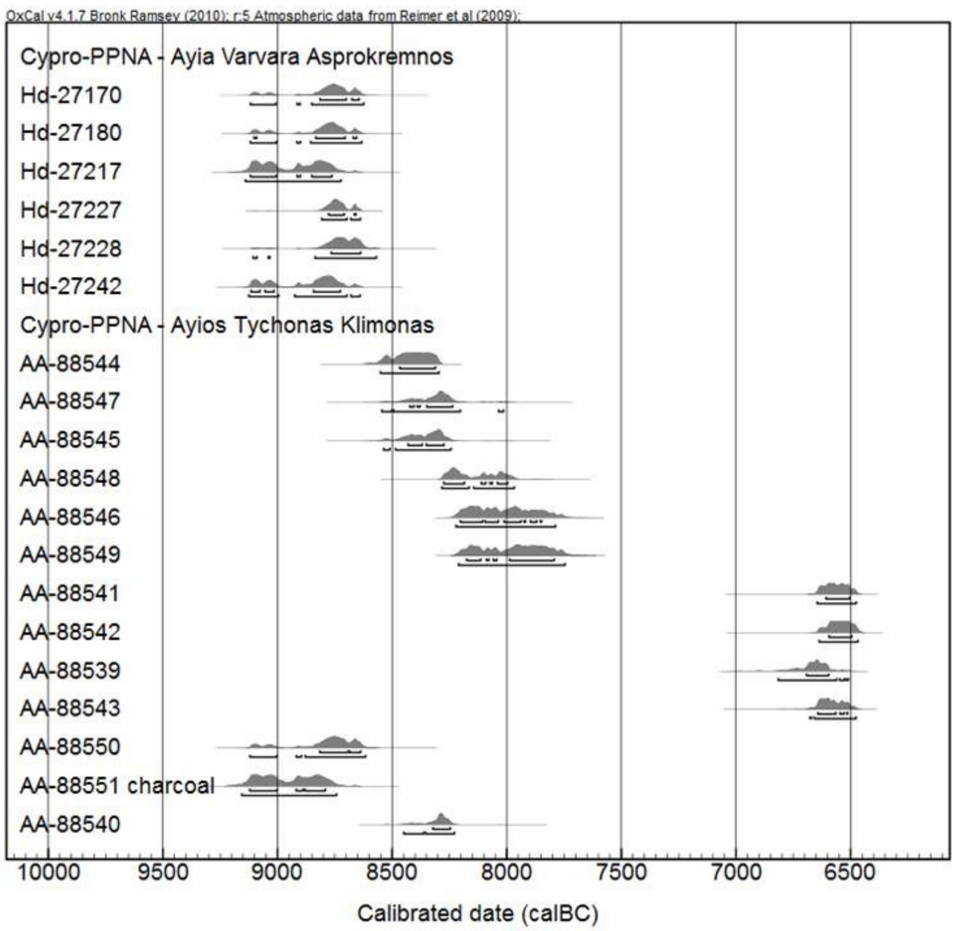
Model 8, 19 of 19

6. TABLE S5: Radiocarbon dates from Ayios Tychonas *Klimonas* from Vigne *et al.* (2011). For details of pretreatment and dating, see Vigne *et al.* (2011): 13-14.

Designation	**Stratigraphic Position**	**Fraction Dated**	**%C**	**$\delta^{13}C$**	**$^{14}C \pm 1\sigma$ BP**	**Lab Code**
KL09-1 burnt bone	n.a. (sieved)	insoluble	25.0	-24.3	9200 ± 52	AA88544
KL09-2 burnt bone	n.a. (sieved)	alkali soluble	41.4	-25.1	9087 ± 70	AA88547
KL09-2 burnt bone	n.a. (sieved)	insoluble	45.3	-24.0	9122 ± 63	AA88545
KL09-2 burnt bone	n.a. (sieved)	alkali soluble	40.2	-24.8	8966 ± 52	AA88548
KL09-3 burnt bone	15/30 cm	insoluble	22.3	-25.6	8852 ± 51	AA88546
KL09-3 burnt bone	15/30 cm	alkali soluble	36.7	-25.8	8831 ± 55	AA88549
KL09-4 tooth enamel	30/55 cm	bioapatite	0.9	-12.7	7741 ± 46	AA88541
KL09-5 tooth enamel	30/55 cm	bioapatite	1.0	-12.5	7716 ± 47	AA88542
KL09-5R tooth root	30/55 cm	bioapatite	0.8	-14.0	7823 ± 46	AA88539
KL09-6 tooth enamel	55/70 cm	bioapatite	0.9	-13.8	7760 ± 47	AA88543
KL09-7 burnt bone	55/70 cm	insoluble	16.2	-27.0	9460 ± 54	AA88550
KL09-10 charcoal	75 cm	insoluble	40.4	-27.3	9544 ± 53	AA88551
KL09-9 calcined bone	85/100cm	bioapatite	0.4	-25.5	9085 ± 52	AA88540

Note: Additional radiocarbon dates on charcoal samples from Klimonas were published subsequently in Vigne et al. (2012) – see listing on p.127 below in a Postscript. These are discussed below in a Postscript (starting p. 126).

7. Figure S3: Comparison of the Cypro-PPNA (Initial Aceramic Neolithic) radiocarbon dates from Ayia Varvara *Asprokremnos* (AVA: Manning et al. 2010) and the new radiocarbon dates from Ayios Tychonas *Klimonas* reported by Vigne et al. (2011). Two of the *Klimonas* samples are contemporary with the AVA set (AA-88550 and 88551); seven lie a little later (from around 8500 Cal BC to the early 8th millennium Cal BC), and four dates are much later in the mid 7th millennium Cal BC. These new early Klimonas dates confirm a Cypro-PPNA phase on the island in the earlier to mid 9th millennium Cal BC, while the slightly later group suggest that this Cypro-PPNA phase may well extend from the mid into the later 9th millennium BC – and thus merge into the initial Cypro-PPNB (Early Aceramic Neolithic = EAN) in the later 9th millennium Cal BC. However, at the same time, it may be that issues of sample diagensis and analysis mean that some of the bone/tooth dates from Klimonas are too recent (Vigne et al. 2011: 13-14) and that, since the site does not appear to have post-Cypro-PPNA features, these 'later' radiocarbon dates are effectively irrelevant (see further discussion below with Figures S4g-i). For a revised Late Epipalaeolithic to initial Cypro-PPNB sequence (up-dating the Appendix with these new *Klimonas* dates), see Figure S4.



8. Figure S4 (a-d): Revised Late Epipalaeolithic to initial Cypro-PPNB (Early Aceramic Neolithic = EAN) sequence (up-dating the Appendix with the new Klimonas Cypro-PPNA dates) as of late 2011. Of the Klimonas set, we have to exclude at a minimum the four 7th millennium Cal BC dates (AA-88541, AA-88542, AA-88539 and AA-88543) as these provide calendar ages well after the Cypro-PPNA period (and belong in the Later Aceramic Neolithic and/or these data represent problematic analyses – see Vigne et al. 2011: 14). In Figure S4a we plot all the remaining data. The [A:…] values shown are the OxCal Agreement Index values for the individual samples – the desired threshold value is ≥60 (see Reading Table S2 or S3 text above).

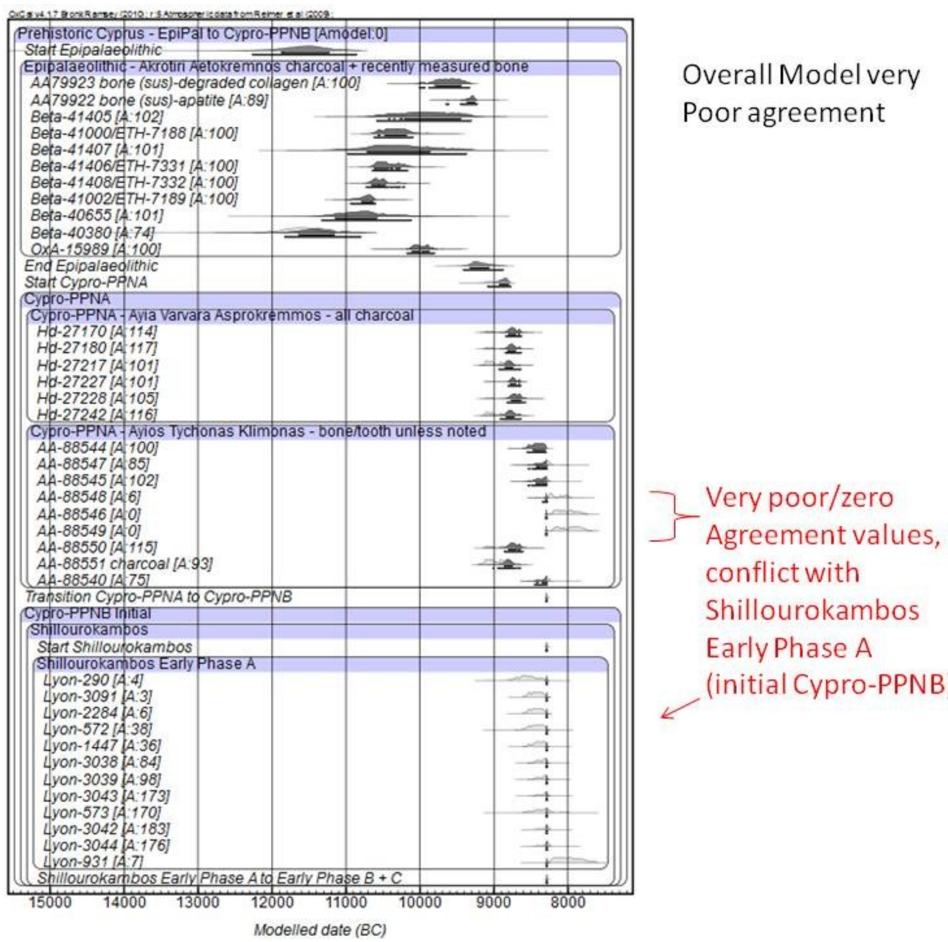


Figure S4a

The overall model has a very poor (0) Agreement index value and three of the Klimonas data (AA-88548, AA-88546 and AA-88549) have very poor to 0 individual agreement values since they conflict with a placement in Cypro-PPNA as they lie later than initial Cypro-PPNB at Shillourokambos (Early Phase A). These three Klimonas data must either relate to Cypro-PPNB (EAN) activity at the site area (despite no such Cypro-PPNB = EAN material being recognized, and the site seeming to represent a material culture prior to Shillourokambos and of Cypro-PPNA type: Vigne et al. 2011 and esp. p.14) – and so are not relevant to the dating of Cypro-PPNA – or they must be regarded as a little too late for reasons of sample diagenesis and analytical issues (see Vigne et al. 2011: 14 and the review they cite of apatites dating by Zazzo and Saliège 2011) – and so again are not relevant.

Figure S4b shows the model run again but excluding AA-88548, AA-88546 and AA-88549. The Agreement is better both for the model overall and for the individual data, but the former remains below the approximate 95% confidence threshold value of 60, and there are two data in particular which have low individual agreement values (AA-88540 and Lyon-931). Four of the Klimonas data shown (AA-88544, AA-88547, AA-88545 and AA-88540) largely overlap with the initial Cypro-PPNB dates from Shillourokambos Early Phase A. This suggests at this site that the Cypro-PPNA occupation dated by AA-8850 and AA-88551 either (i) continues into a later part of an overall Cypro-PPNA phase than at present dated by the radiocarbon measurements from Ayia Varvara *Asprokremnos* (and even to a hypothetical Cypro-PPNA/Cypro-PPNB transition (= Initial Aceramic Neolithic/Early Aceramic Neolithic transition)), or (ii) has a subsequent early Cypro-PPNB (or EAN) occupation, and/or (iii) that most of the bone/tooth dates are giving slightly too recent ages – cf. Vigne et al. (2011: 14) – in which case some additional non-bone/tooth dates are needed to confirm the exact Cypro-PPNA date and its range for the site. Based on the report that the assemblage at Klimonas is pre-Shillourokambos (and so before early Cypro-PPNB or before EAN) and instead consistent with Cypro-PPNA (Vigne et al. 2011 and esp. p.14) and hence ruling out (ii) above, one might make the assumption, despite some issues with too recent dates on the bone/tooth samples in some cases (Vigne et al. 2011:14 and references cited there, and see Zazzo and Saliège 2011), that these Klimonas data indicate some form of post-AVA later Cypro-PPNA which fills in at least some of the interval in time which otherwise exists between the AVA Cypro-PPNA and the start of EAN or Cypro-PPNB at Shillourokambos (this 'gap' before the Klimonas data were available is seen when one looks at the dates calculated in Table 1 in the Appendix – see also the note to Table 2 in the Appendix).

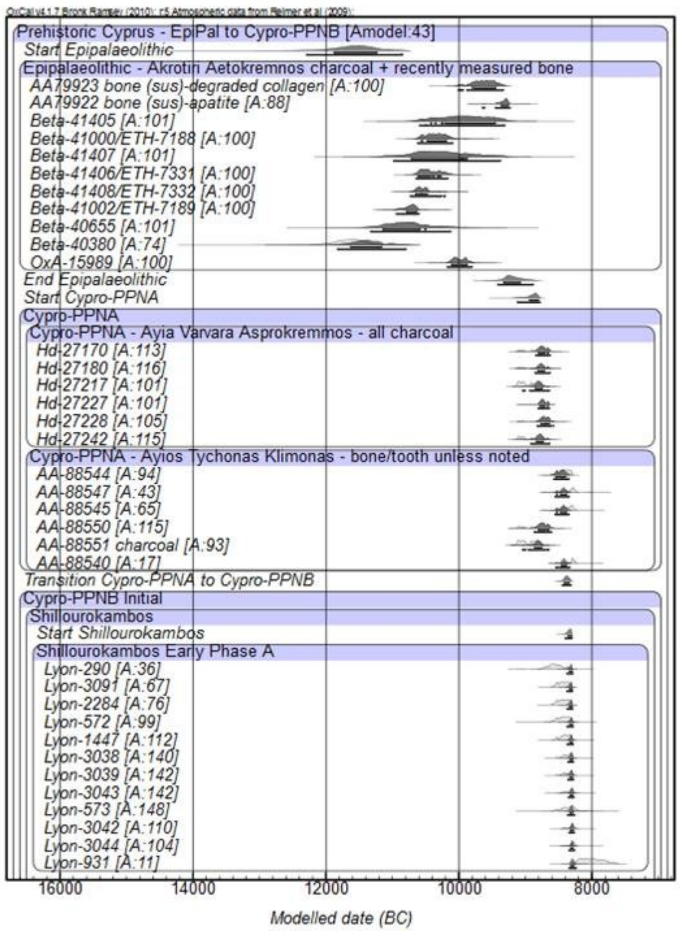


Figure S4b

Figure S4c shows the model again but excluding the two especially problematic data noted in the discussion of Figure S4b (AA-88540, Lyon-931). The overall model now has an acceptable agreement value (74 > 60) and no individual sample has a very poor agreement value (i.e. nothing < 30 for example). One could keep pruning further (see below), but this model now offers a reasonable guide. If the remaining bone/tooth data from Klimonas are regarded as giving an approximately valid picture (but cf. Vigne et al. 2011: 13-14), and if we regard Klimonas as Cypro-PPNA and not including PPNB (or EAN) (see Vigne et al. 2011: 14-15), and we thus place an OxCal Boundary between the Cypro-PPNA phase (of AVA and Klimonas) and the initial Cypro-PPNB (or EAN) of Shillourokambos Early Phase A to define the calendar range for the 'transition' between Cypro-PPNA and Cypro-PPNB (or EAN), we get the calendar probability distribution shown in Figure 4d (top right): 8438-8344 Cal BC at 68.2% probability. Even allowing for a little old-wood effect in the AVA and Shillourokambos data on charcoal samples, this suggests that Cypro-PPNA ended before or by 8400/8300 Cal BC in round terms, and that Cypro-PPNA begins from or after 8400/8300 Cal BC (with the start of Shillourokambos Early Phase A placed at 68.2% probability from/after 8362-8307 Cal BC): see further in Figure 4d below.

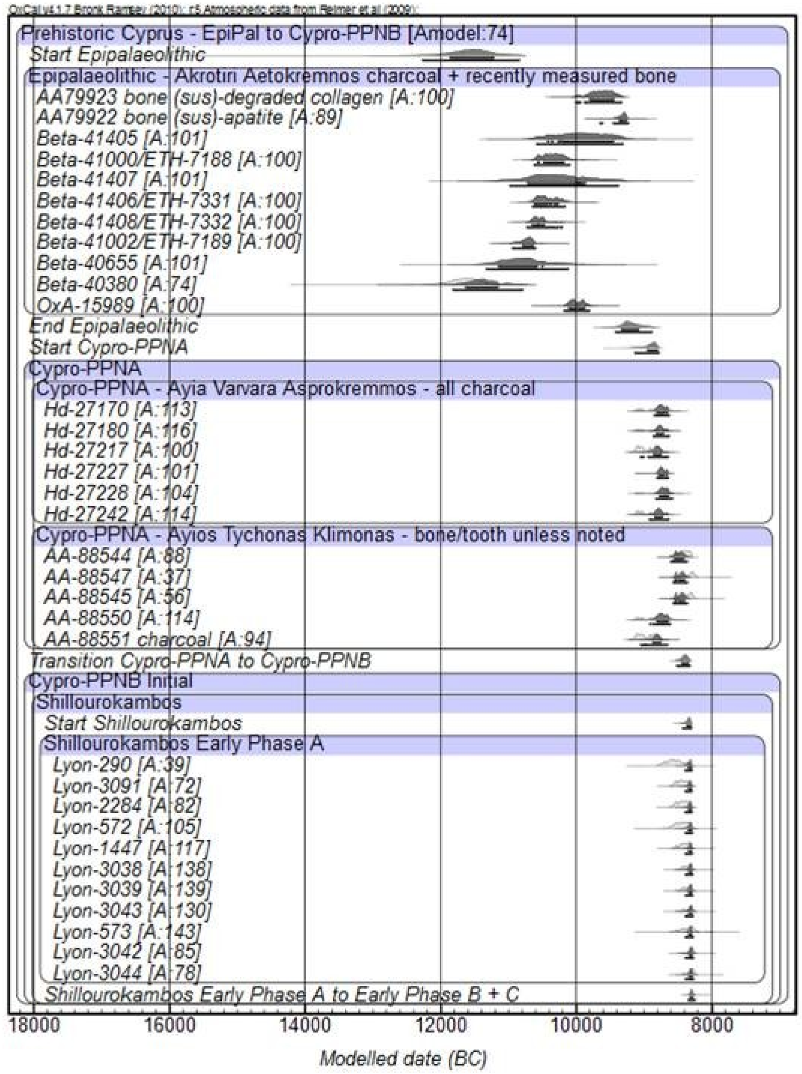

Prehistoric Cyprus - EpiPal to Cypro-PPNB [Amodel:74]
Start Epipalaeolithic
Epipalaeolithic - Akrotiri Aetokremnos charcoal + recently measured bone
AA79923 bone (sus)-degraded collagen [A:100]
AA79922 bone (sus)-apatite [A:89]
Beta-41405 [A:101]
Beta-41000/ETH-7188 [A:100]
Beta-41407 [A:101]
Beta-41406/ETH-7331 [A:100]
Beta-41408/ETH-7332 [A:100]
Beta-41002/ETH-7189 [A:100]
Beta-40655 [A:101]
Beta-40380 [A:74]
OxA-15989 [A:100]
End Epipalaeolithic
Start Cypro-PPNA
Cypro-PPNA
Cypro-PPNA - Ayia Varvara Asprokremmos - all charcoal
Hd-27170 [A:113]
Hd-27180 [A:116]
Hd-27217 [A:100]
Hd-27227 [A:101]
Hd-27228 [A:104]
Hd-27242 [A:114]
Cypro-PPNA - Ayios Tychonas Klimonas - bone/tooth unless noted
AA-88544 [A:88]
AA-88547 [A:37]
AA-88545 [A:56]
AA-88550 [A:114]
AA-88551 charcoal [A:94]
Transition Cypro-PPNA to Cypro-PPNB
Cypro-PPNB Initial
Shillourokambos
Start Shillourokambos
Shillourokambos Early Phase A
Lyon-290 [A:39]
Lyon-3091 [A:72]
Lyon-2284 [A:82]
Lyon-572 [A:105]
Lyon-1447 [A:117]
Lyon-3038 [A:138]
Lyon-3039 [A:139]
Lyon-3043 [A:130]
Lyon-573 [A:143]
Lyon-3042 [A:85]
Lyon-3044 [A:78]
Shillourokambos Early Phase A to Early Phase B + C
18000
16000
14000
12000
10000
8000
Modelled date (BC)

Figure 4c

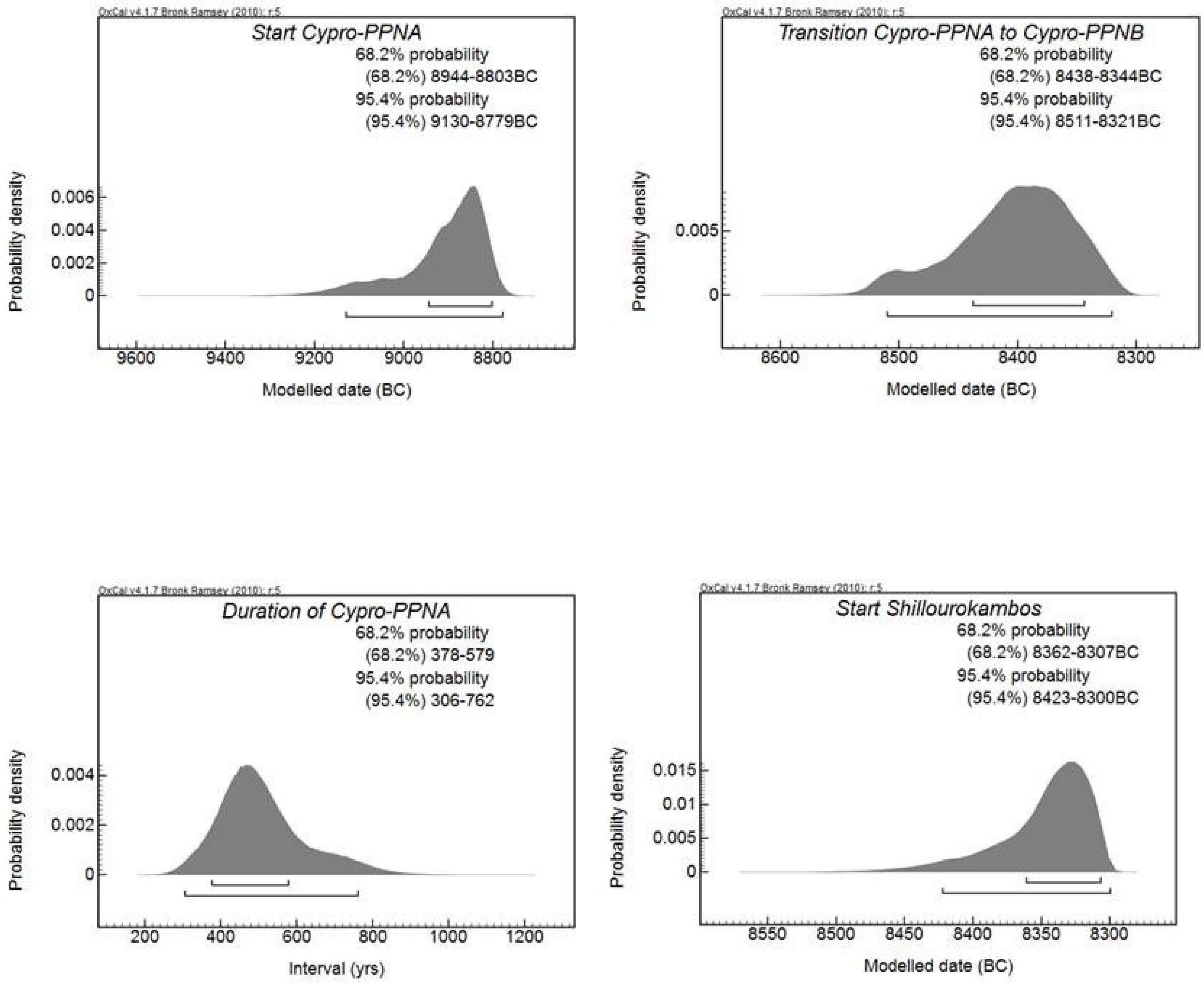


Figure S4d (details from model output shown in Figure S4c)

From Figure 4d we see on the current data available as of late 2011 that we might state:

(a) the start of Cypro-PPNA (or Initial Aceramic Neolithic) as from/after 8944-8803 Cal BC (68.2% probability), with the $\mu \pm \sigma$ = 8911±95 Cal BC;

(b) the duration of Cypro-PPNA as currently attested as 378-579 calendar years at 68.2% probability, with the $\mu \pm \sigma$ = 507±113 calendar years;

(c) the transition between Cypro-PPNA and Cypro-PPNB (or EAN) as 8438-8344 at 68.2% probability, with $\mu \pm \sigma$ = 8404±48 Cal BC; and

(d) the start of Shillourokambos Early Phase A as from/after 8362-8307 Cal BC, with $\mu \pm \sigma$ = 8348±34 Cal BC.

Even if we apply the maximum likely old-wood adjustment to those samples on charcoal, this only lowers the above date ranges by a few decades. A round-terms (old-wood allowance but data rounded to nearest 50 years) chronology is thus:

Initial Aceramic Neolithic or Cypro-PPNA: from c.8900 BC

Early Aceramic Neolithic (EAN) or Cypro-PPNB: from c. 8350 BC.†

The major questionmark over using the Figure S4c and Figure S4d results as they stand is whether several, or even most, of the radiocarbon measurements run on altered bone/tooth (apatites) samples yield radiocarbon ages which are too recent as the survey of Zazzo and Saliège (2011) and the comments of Vigne et al. (2011: 13-14) suggest. Consider Figure S4e:

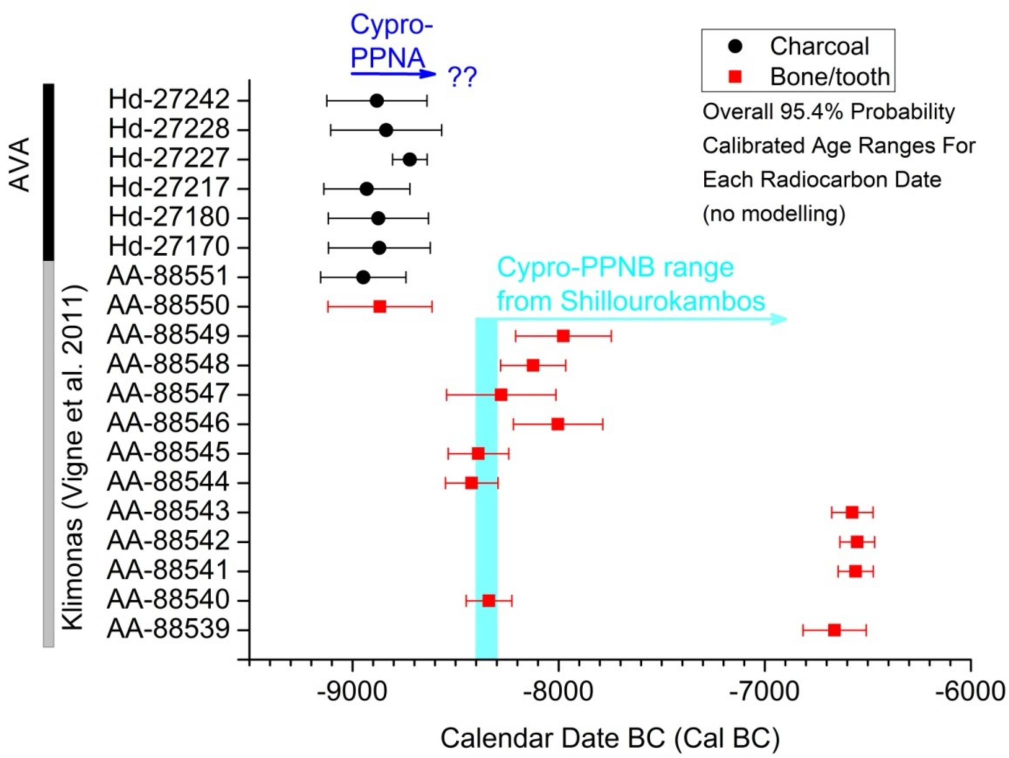


Figure S4e. 95.4% probability calibrated calendar age ranges (from IntCal09 employing OxCal) for the individual radiocarbon dates from Ayia Varvara *Asprokremnos* and Ayios Tychonas

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† Note: the dates listed in the Appendix Table 2 were modified after the Appendix was written and after Models 1-8 were run in order to reflect the additional data discussed in this SOM revision – see note to Table 2 in the Appendix. Appendix Table 2 as so revised uses the round 8350 Cal BC estimate. As further discussed below (see Figures S4f to S4i and discussion), other views of the data and further pruning of the dataset still leaves the start of Cypro-PPNB (EAN) around this date – even if there is an apparent 'gap' between Cypro-PPNA and Cypro-PPNB in the range especially ca. 8650-8450 Cal BC if nearly all the bone/teeth data are excluded (as may be argued to be appropriate).

Klimonas in isolation – i.e. with no modelling. The black circles are those dates on charcoal samples, red squares are data on altered bone/teeth.

If we examine the radiocarbon data from Ayia Varvara *Asprokremnos* and Ayios Tychonas *Klimonas*, we see that with one exception (1 of 12 dates) all the Klimonas dates on altered bone/teeth seem either substantially more recent than the Cypro-PPNA period (to which we are told the material at the site belongs), or very significantly more recent. Thus 7 of the 12 data lie partly in, or all in, the range of earlier Cypro-PPNB, and 4 dates lie in the post-Cypro-PPNB period. This suggests a serious problem with using these altered bone/teeth dates. A similar problematic picture for apatite-based-dating was also evident at Akrotiri *Aetokremnos* (Vigne et al. 2009). Figure S4f shows the radiocarbon data from Aetokremnos (data on charcoal from Simmons 1999; Simmons and Mandel 2007; and bone fractions from Vigne et al. 2009), Asprokremnos and Klimonas (from Manning et al. 2010; Vigne et al. 2011) broken down into samples of charcoal versus those on bone/tooth fractions.

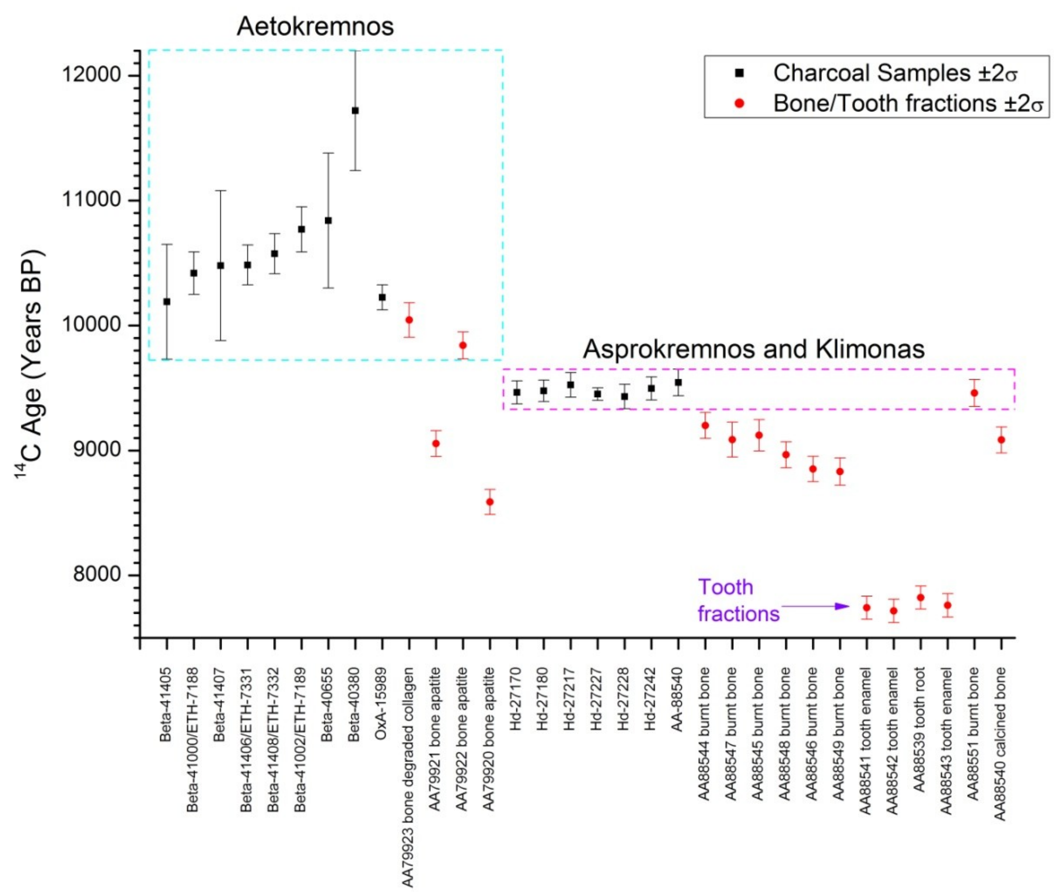


Figure S4f

The radiocarbon dates are shown with 2σ (95.4%) probability error ranges (^{14}C years BP). We see that the dates on tooth fractions are all (4 of 4) very substantially too late (by over a millennium in ^{14}C years). On this basis, data from tooth samples might be regarded as very suspect. Otherwise, only 3 of 12 dates on bone fractions (so 25%) lie within the total 2σ (95.4% probability) ranges of the dates on charcoal samples (the cyan and magenta boxes shown in Figure S4f), and even then the two dates from Aetokremnos are nonetheless the two most recent data versus the 9 dates on charcoal samples, with just one – AA79923 on degraded collagen really being more or less potentially compatible with the more recent data on charcoal samples (i.e. OxA-15989). In the Cypro-PPNA group from Asprokremnos and Klimonas, just 1 of 8 dates, AA88551, on burnt bone, is compatible with the available dates on charcoal samples. The data suggests that little reliance can be placed on most of the bone/tooth fractions.

If we return to the OxCal dating model in Figure S4c and run this with the relatively robust and forgiving 'general' outlier analysis model:

```
Outlier_Model("General",T(5),U(0,4),"t");
```

of Bronk Ramsey (2009b), we find that only 2 of the 16 bone/tooth dates survive as non-outliers (these two are: AA-79923 and AA-88551). If we then run the remaining data and also seek to quantify the apparent 'gap' in our present knowledge about the period between attested Cypro-PPNA and attested Cypro-PPNB, we get the model shown in Figure S4g.

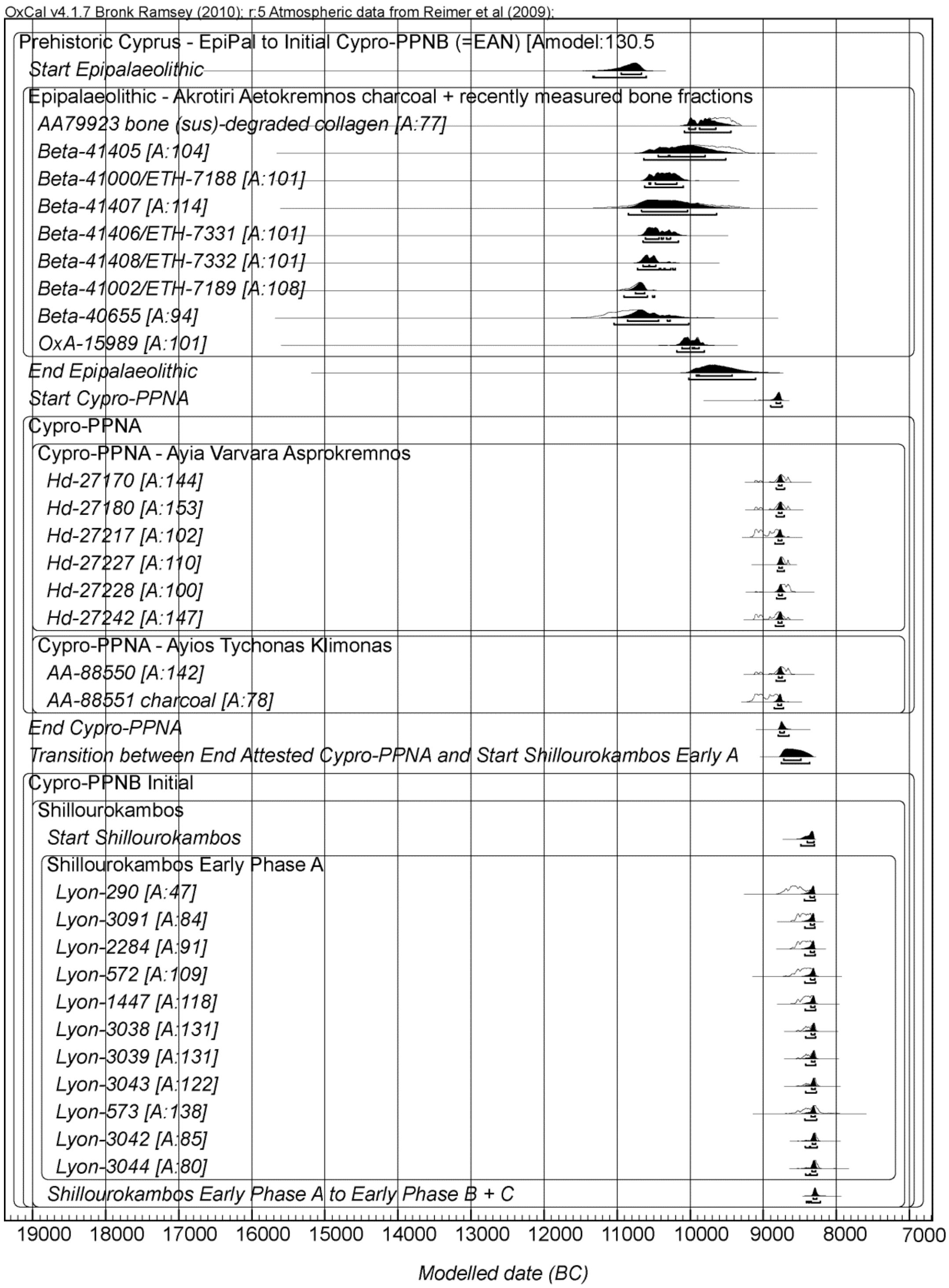


Figure S4g

The Figure S4g model yields good OxCal agreement index values (Amodel 130.5 >60) and only one date has an individual agreement value less than 60 and just one date (AA79923) now is a very slight (6>5) outlier. But, having removed all but one of the bone/teeth dates from Klimonas we are left with the gap between currently attested Cypro-PPNA and attested initial Cypro-PPNB (or EAN) at Shillourokambos (Early Phase A). This 'gap' in terms of the model in Figure S4g is shown in Figure S4h.

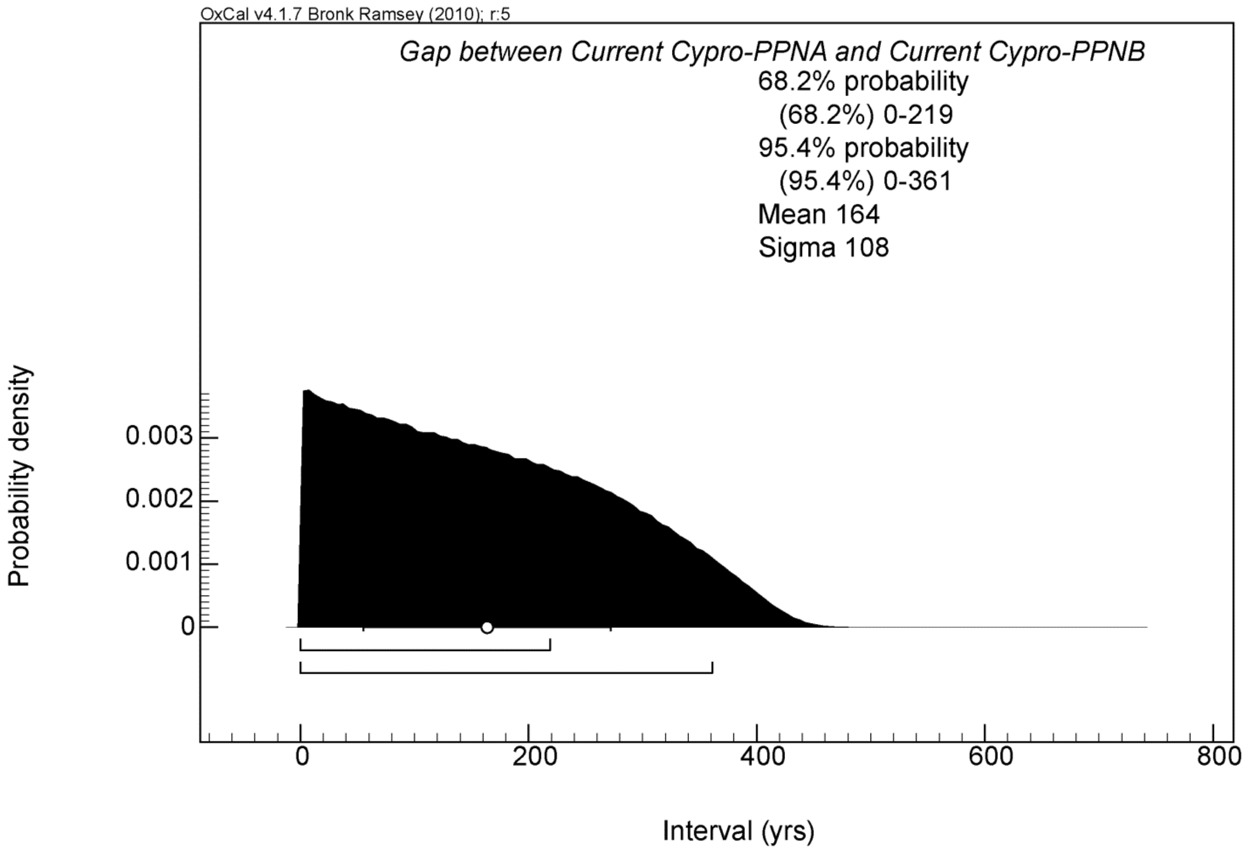


Figure S4h

Thus if we use a pruned down data set (which means excluding all but two of the bone/teeth dates) we find from the current evidence available that:

Cypro-Epipalaeolithic (Aetokremnos) ends: 10019-9104 Cal BC (95.4% probability), μ±σ 9611±282 Cal BC

Cypro-PPNA (AVA and Klimonas) starts: 8897-8743 Cal BC (95.4% probability), μ±σ 8808±49 Cal BC

Cypro-PPNA ends: 8794-8651 Cal BC (95.4% probability), μ±σ 8734±37 Cal BC

The duration currently attested for Cypro-PPNA is 0-212 calendar years at 95.4% probability

The Interval between the End of Cypro-PPNA and the Start Initial Cypro-PPNB is: 0-361 calendar years at 95% probability

The transition period between the End of attested Cypro-PPNA to the attested Start of initial Cypro-PPNB at Shillourokambis Early Phase A is: 8753-8365 Cal BC at 95.4% probability. What archaeological reality exists on Cyprus at this time (later Cypro-PPNA, transitional Cypro-PPNA to PPNB, or an earlier than yet attested initial Cypro-PPNB, or even potentially some form of 'gap'), is not known at this time given the evidence available. I take the guess that this period is more likely to end up as a later extension of Cypro-PPNA to a transition to Cypro-PPNB – hence the dates in the Appendix Table 2.

Shillourokambos Initial Cypro-PPNB (Early Phase A) starts: 8489-8301 Cal BC (95.4% probability), $\mu \pm \sigma$ 8376±55 Cal BC. If we allow even a couple of decades for in-built age for charcoal samples (small old wood effect), the start of Shillourokambos Early Phase A is roughly ca. 8350 Cal BC. Thus I use this round-terms date (see also discussion above following Figure S4d) for the start of Cypro-PPNB or EAN in the Appendix Table 2.

POSTSCRIPT – 21 JULY 2012

The discussion above in 9. on the Cypro-PPNA phase, and in the Appendix, was written with the data available by the end of 2011. At that time only one radiocarbon determination on a charcoal sample was available from Klimonas (AA88551), and the other dates on bone/teeth samples appeared to offer little helpful evidence as reviewed above. An important additional set of 10 radiocarbon determinations on charcoal samples from Klimonas was published in May 2012 by Vigne et al. (2012). I offer some revised analyses adding these data in this Postscript, and re-consider the apparent length of the Cypro-PPNA phase from all the data now available. These new data nicely confirm the placement of Cypro-PPNA occupation in the first half of the 9th millennium Cal BC.

Figure S4i shows Figure S4f (above) revised to add the additional 10 radiocarbon determinations on charcoal samples published in Vigne et al. (2012). The additional dates are the ones running from Muse35/SacA25304 to Muse41/SacA25310. We see that the additional radiocarbon dates on charcoal samples are all very similar/compatible with the solitary date from Klimonas previously available on a charcoal sample (AA88551), and also offer radiocarbon age ranges very similar to the dates available from Ayia Varvara *Asprokremnos* (AVA) as published in Manning et al. (2010) and shown above. The radiocarbon ages on altered bone/teeth samples nearly all continue to appear to be much too late (recent) and so irrelevant.

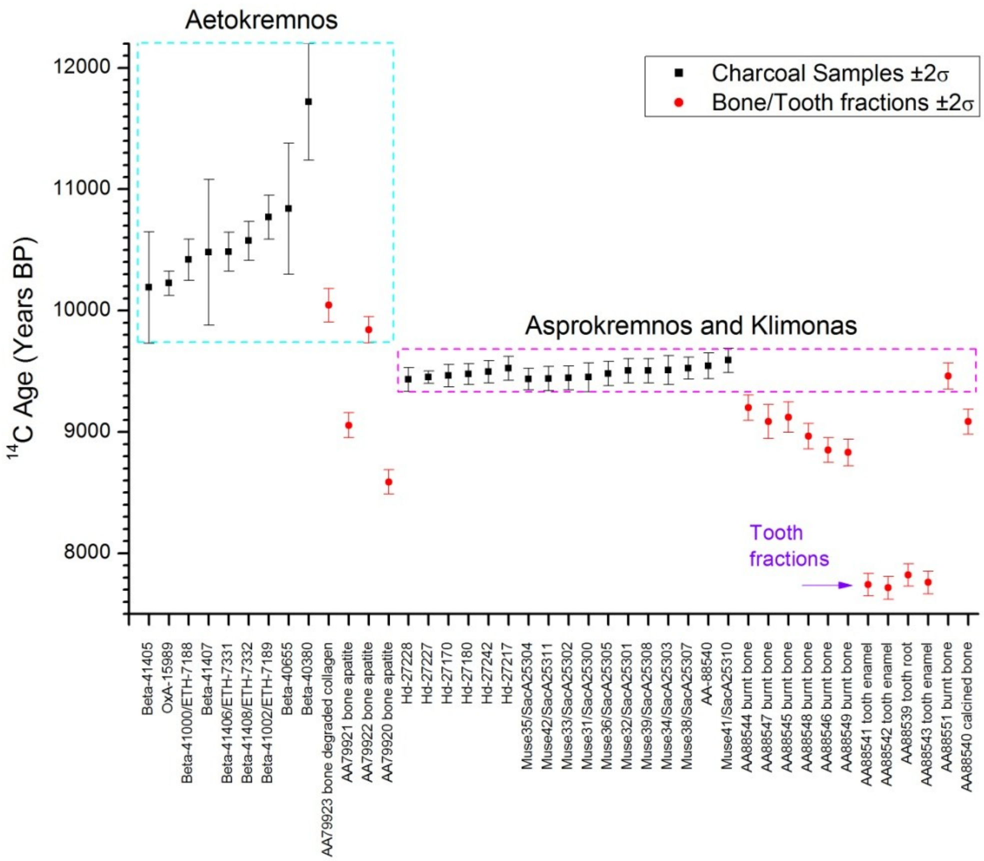


Figure S4i. Radiocarbon ages (shown with 2σ errors) on charcoal samples and from recent measurements on altered bone/tooth samples from Late Epipalaeolithic to Cypro-PPNA Cypriot sites as of July 2012 (compare to Figure S4f) – adding the 10 additional data on charcoal samples from Klimonas from Vigne et al. (2012). These new Klimonas data in summary (from Vigne et al. 2012: Table 1), including the previous Arizona date on a charcoal sample (see Table S5 above), are as follows:

Lab no.	Species	Structure and Unit (SU)	$\delta^{13}C$‰	^{14}C Age BP	SD
Muse35/SacA25304	*Pistacia sp.*	ST10 – 10.8	-26.2	9435	45
Muse42/SacA25311	*Quercus sp.*	ST81 – 10.14	-25.8	9440	50
Muse33/SacA25302	*Pistacia sp.*	ST10 – 10.8 dec2	-27.5	9445	50
Muse31/SacA25300	*Pistacia sp.*	ST10-SE – 10.6	-24.4	9450	60
Muse36/SacA25305	*Pistacia sp.*	ST10 – 10.3	-28.6	9480	50
Muse32/SacA25301	*Pistacia sp.*	ST10 SE – 10.6	-26.1	9505	50
Muse39/SacA25308	*Pistacia sp.*	ST10 – 10.10	-26.3	9505	50
Muse34/SacA25303	*Pistacia sp.*	ST10 – 10.8 base	-25.3	9510	60
Muse38/SacA25307	*Pistacia sp.*	ST10 – 10.3 dec2	-26.8	9525	45
Muse41/SacA25310	*Pistacia sp.*	ST10 – 10.10	-26.8	9590	50
AA88551	*Prunus sp.*	ST10 – 10.3	-27.3	9544	53

Figure S4j shows a revised version of the information in Figure S4e above, adding in the 10 additional data on charcoal samples from Klimonas.

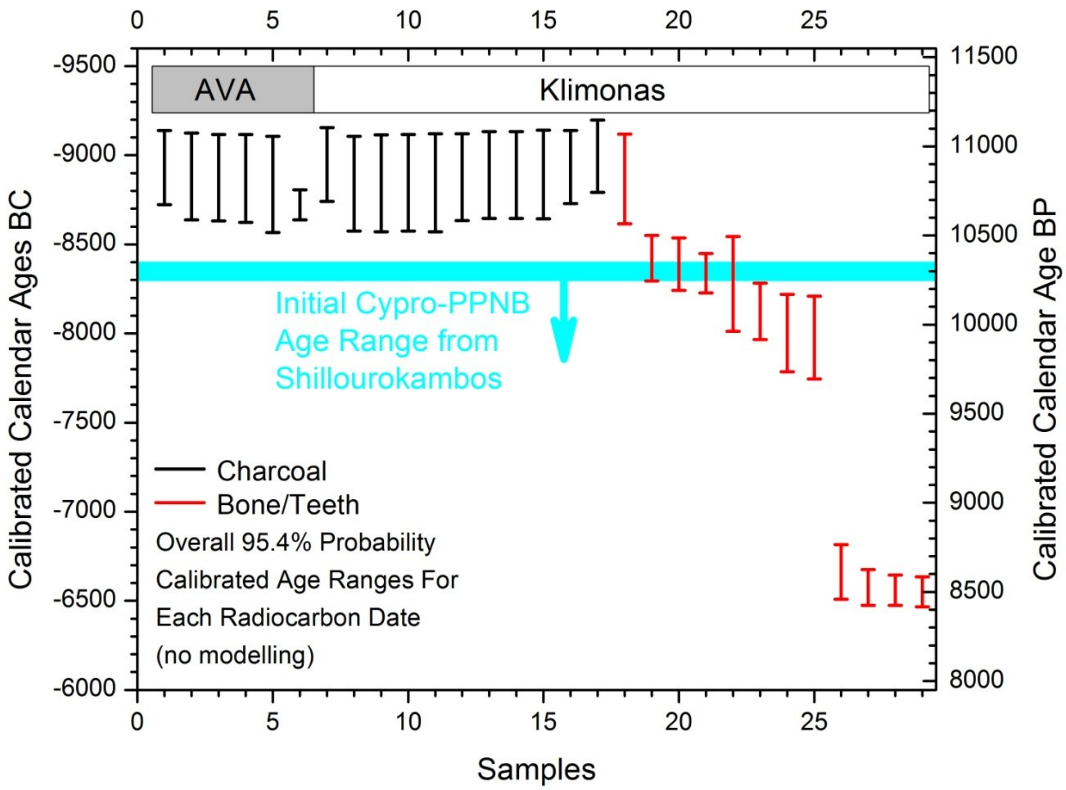


Figure S4j. The 95.4% probability calibrated calendar age ranges (BC and BP) for the radiocarbon dates from Ayia Varvara *Asprokremnos* (AVA, n=6) and Ayios Tychonas *Klimonas* (n=23) – a revised and re-oriented version of Figure S4e above. Calibrated data from OxCal and IntCal09 as for Figure S4e. The entirety of all the 95.4% probability calibrated ranges from the charcoal data from both sites lies before 10,500 years Cal BP. All but one of the bone/tooth dates are significantly later (and irrelevant). The radiocarbon data are plotted in order of:

<u>*AVA*</u>

1. Hd-27217
2. Hd-27242
3. Hd-27180
4. Hd-27170
5. Hd-27228
6. Hd-27227

<u>*Klimonas*</u>

7. AA-88551
8. Muse35/SacA25304
9. Muse42/SacA25311
10. Muse33/SacA25302
11. Muse31/SacA25300
12. Muse36/SacA25305
13. Muse32/SacA25301
14. Muse39/SacA25308
15. Muse34/SacA25303
16. Muse38/SacA25307
17. Muse41/SacA25310
18. AA-88550
19. AA-88544
20. AA-88545
21. AA-88540
22. AA-88547
23. AA-88548
24. AA-88546
25. AA-88549
26. AA-88539
27. AA-88543
28. AA-88541
29. AA-88542

If the radiocarbon data on charcoal samples (only) from the two Cypro-PPNA sites of Ayia Varvara *Asprokremnos* and Ayios Tychonas *Klimonas* are considered in terms of a Cypro-PPNA Phase in OxCal and as overlapping in time and not in any order, then we can achieve a chronological model like the one shown in Figure S4k.

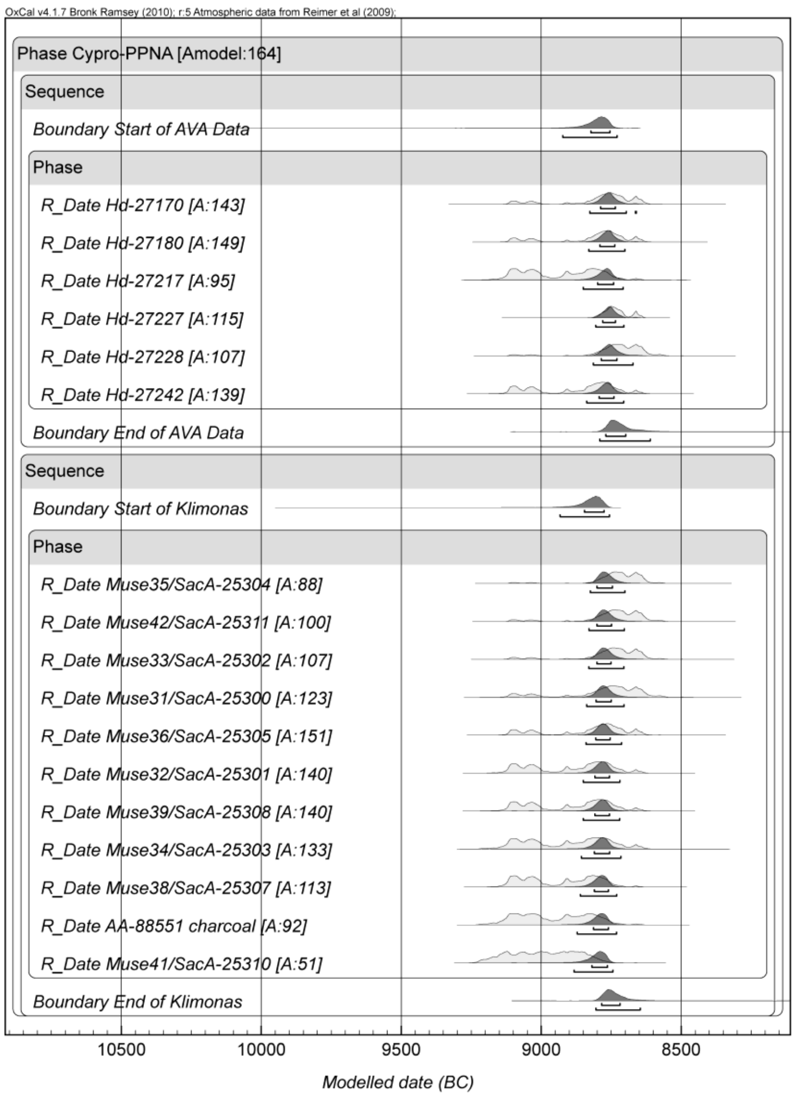
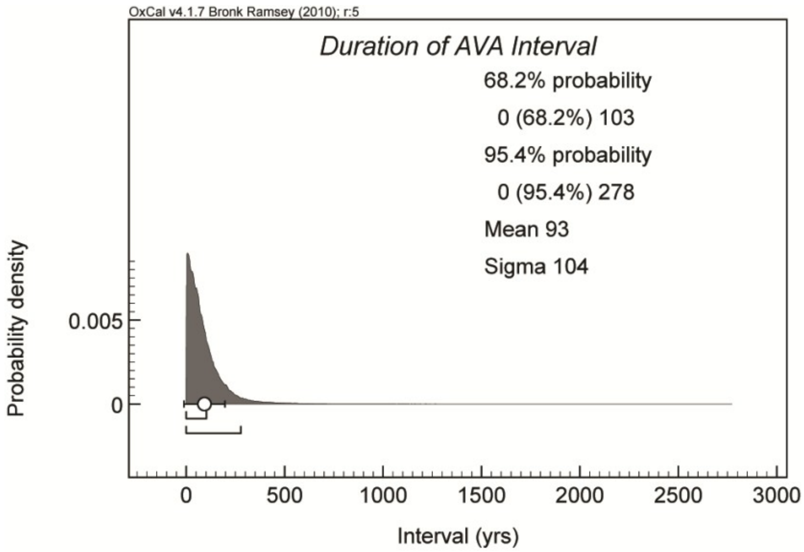


Figure S4k. The radiocarbon dates on charcoal samples from Cypro-PPNA contexts modelled within a Cypro-PPNA overall phase but with no relationship (no order) assumed between the two sites (i.e. they may overlap or not as the data indicate). Data from OxCal and IntCal09 (see SOM Section 2 and Table S2 for references). We find a very satisfactory overall model (only one individual sample offers an OxCal agreement index value slightly below the 60% satisfactory threshold). The main findings are listed in the table below:

	Calibrated Calendar Age Ranges (Cal BC)	
	68.2% Probability	***95.4% Probability***
Start Boundary AVA	8823-8755 BC	8924-8730 BC
Start Boundary Klimonas	8846-8776 BC	8933-8757 BC
End Boundary AVA	8770-8699 BC	8792-8611 BC
End Boundary Klimonas	8785-8719 BC	8805-8647 BC
Duration AVA Represented	0-103 calendar years	0-278 calendar years
Duration Klimonas Represented	0-102 calendar years	0-250 calendar years

We see that the periods of time dated and represented at both sites are extremely similar, and could in fact be identical. The charcoal samples dated at the sites likely date from the end of the 89^{th} century BC and end by the start of the 87^{th} century BC. There is of course some in-built age in such charcoal samples – that is because of the years = tree-rings included in the sample before the last ring and so cutting date of the tree/bush from which the sample originally derived – however, this is not likely to be very large given the species involved and the likely collection strategies employed by the early Neolithic population. The Manning et al. (2010) paper allowed for a conservative old-wood factor of 50±50 years (see discussion in this SOM in Section 2 re Table S2 above); if we did the same here (using the most likely 68.2% probability ranges) then we might place the Start Boundary for AVA as late as 8773±50 BC to 8705±50 BC and the End Boundary for AVA at 8720±50 BC to 8649±50 BC, and the Start Boundary for Klimonas at 8796±50 BC to 8726±50 BC and the End Boundary for Klimonas at 8735±50 BC to 8669±50 BC. The overall period of time represented by the two sets of charcoal samples dated is relatively brief: see Figure S4l. The period of time could be very short at one extreme, with the most likely 68.2% ranges of 0-103 and 0-102 calendar years (with mean values of 93 and 88 calendar years). Whether this relatively brief Cypro-PPNA period merely reflects the dating of a few contexts so far at just two sites, and this period should be seen as part of a longer Cypro-PPNA phase (if and when we have more dates and contexts), or whether the overall Cypro-PPNA phase was in fact relatively brief, we do not know on present evidence. If the Cypro-PPNA exploitation of Cyprus partly reflects a suitable climate interval (as speculated in Manning et al. 2010), then it might be a relatively brief interval, and there could even be an effective hiatus before new exploitation in the Cypro-PPNB when more favourable climatic conditions returned at the close of the 9^{th} millennium Cal BC. This offers a now interesting question for further research.



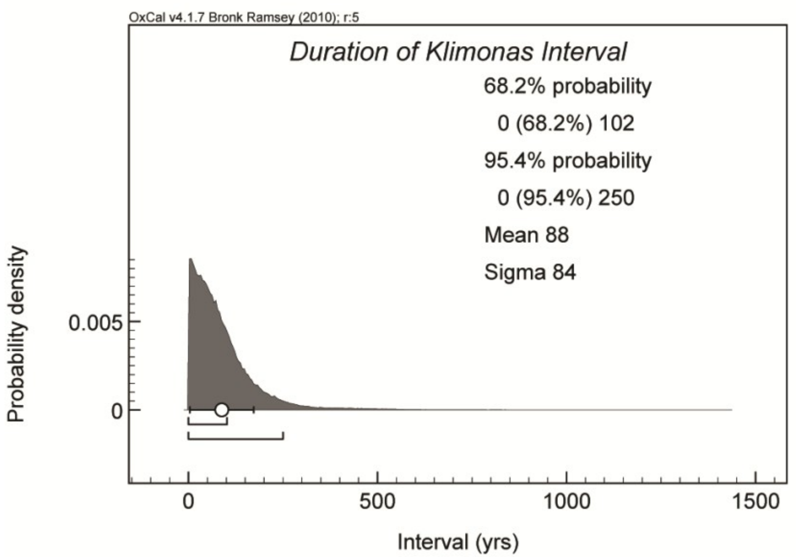


Figure S4l. The periods of time in calendar years for the intervals between the Start and End Boundaries for each of the Ayia Varvara *Asprokremnos* and Ayios Tychonas *Klimonas* sets of data, respectively, from the chronological model in Figure S4k.

Finally, we can look again at the overall Late Epipalaeolithic to initial Cypro-PPNB (Early Aceramic Neolithic = EAN) sequence, revising Figures S4a-d and S4g above in this SOM. This employs just the samples on charcoal and including the dates in the paper of Vigne et al. (2012). This is shown in Figure S4m. The question of the apparent time period (a gap on current evidence) between the represented Cypro-PPNA and the earliest known Cypro-PPNB is then shown and quantified in Figure S4n: 283-428 calendar years at 68.2% probability and 179-460 calendar years at 95.4% probability.

If we take the most likely 68.2% probability ranges as a reasonable best estimate for use, then from the analysis shown in Figures S4m and S4n (and for details of the data, see the Appendix below starting on p.134) the chronology available for the Late Epipalaeolithic to initial Cypro-PPNB (Early Aceramic Neolithic = EAN) from the calculated Start and End of Phase Boundaries (see graphical representation of the dating model in Figure S4m) is as follows as of 21 July 2012:

	Date Cal BC	**Date Cal BP**
Start Akrotiri Aetokremnos (Late Epipalaeolithic)	10901-10650 Cal BC =	12850-12599 Cal BP
End Akrotiri Aetokremnos (Late Epipalaeolithic)	10111-9742 Cal BC =	12060-11691 Cal BP
Duration from Aetokremnos data	601 to 1148/1149 Calendar Years	
Interval between Aetokremnos and Cypro-PPNA data	935 to 1316/1317 Calendar Years	
Start Cypro-PPNA data	8816-8770/8771 Cal BC =	10765-10720 Cal BP
End Cypro-PPNA data	8775-8731 Cal BC =	10724-10680 Cal BP
Duration from Cypro-PPNA data	0-66/67 Calendar Years	
Interval between Cypro-PPNA & Initial Cypro-PPNB data	282/283-428 Calendar Years	
Start Initial Cypro-PPNB (Shillourokambos Early Phase A)	8454-8321/8320 Cal BC =	10403-10270 Cal BP

Note: The Cal BC dates are calendar dates BC. The Cal BP dates are calendar dates Before Present with Present being defined as AD1950 or 1950CE.

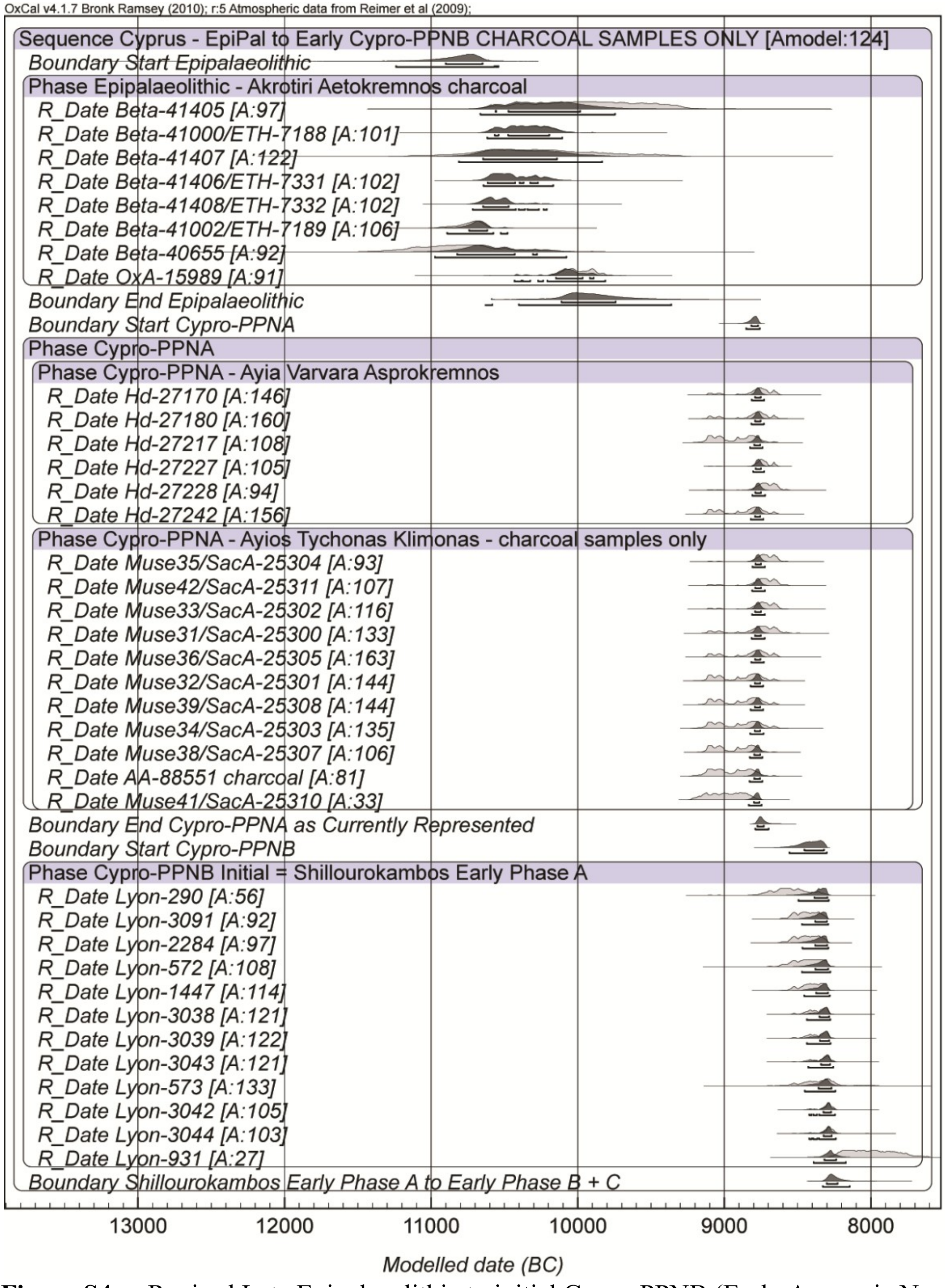


Figure S4m. Revised Late Epipalaeolithic to initial Cypro-PPNB (Early Aceramic Neolithic = EAN) sequence, revising Figures S4a-d and S4g (see SOM above), using only radiocarbon dates run on charcoal samples. Data from OxCal and IntCal09. The Appendix at the end of this Section (starting p.134 below) shows the overall calendar ranges calculated for each of the elements shown above in Figure S4m (both non-modelled and modelled).

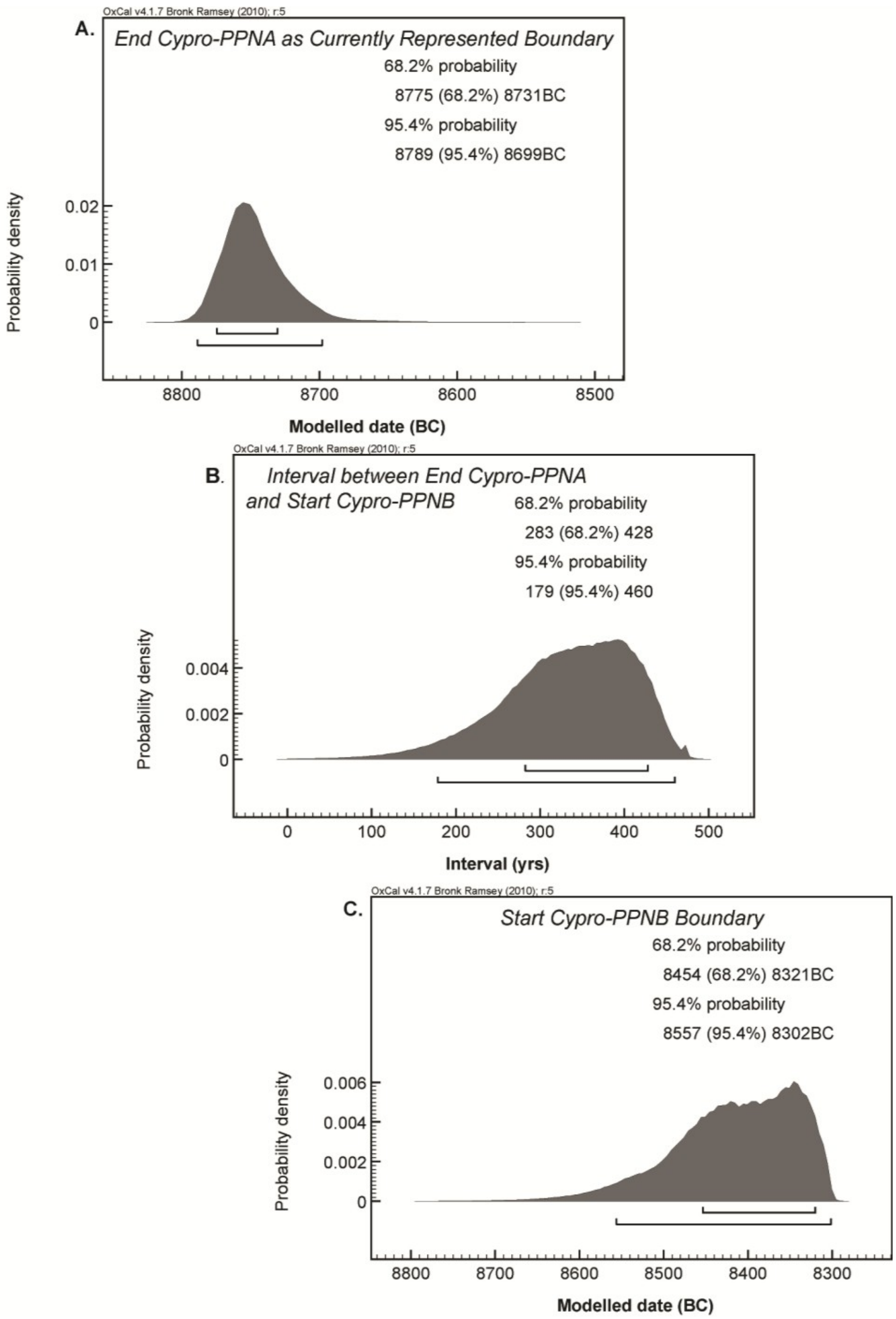


Figure S4n. A. The End of Cypro-PPNA Boundary in Figure S4m in detail. C. The Start of Cypro-PPNB Boundary in Figure S4m in detail. B. The period (interval) of time in calendar years between the end of the Cypro-PPNA Boundary (A.) and the start of Cypro-PPNB Boundary (C.). On present evidence there is a period of time of around c. 283-428 calendar years at 68.2% probability between the end of the attested Cypro-PPNA dates on charcoal samples and the start of the earliest Cypro-PPNB dates on charcoal. Even allowing that the charcoal samples involve some in-built age (period of time of tree-rings in the sample before cutting date), this is likely about the same for the Cypro-PPNA and Cypro-PPNB charcoal samples (and thus not relevant to the question of the 'gap' in between the two sets of data), so the period of time between the two groups indicated in Figure S4n is likely approximately real.

Appendix: Calibrated Age Ranges Shown in Figure S4m for the Late Epipalaeolithic to initial Cypro-PPNB (Early Aceramic Neolithic = EAN) sequence (revising Figures S4a-d and S4g – see SOM above), using only radiocarbon dates run on charcoal samples. (i) The calibrated calendar age range for each radiocarbon measurement in isolation (no modelling – the light histograms in Figure S4m), and (ii) The modelled age ranges (the dark histograms in Figure S4m). Data from OxCal v4.1.7 and IntCal09 with curve resolution set at 5 (see SOM Section 2, Table S2 for references). Note: when comparing the listings below versus Figure S4m and S4n, there are some rounding variations of 0-1 year (e.g. 1317 to 1316 or vice versa) in the numbers stated. Some of these 0-1 variations are indicated in the dates listed out at p.132 above.

The overall dataset and analysis shows good agreement and a coherent outcome. The OxCal Amodel value is 123.8, far exceeding the approximate threshold value of 60. Only three individual data do not offer satisfactory OxCal agreement index values (and one of these barely fails); and using the 'General' outlier model (Bronk Ramsey 2009b) only 4 data are flagged and only one of these is a notable outlier (Lyon-931 at Posterior v. Prior of 20>5; the other three data are only either 7>5 or 6>5).

(i) Non-Modelled Data – Calibrated Age Ranges for the individual radiocarbon dates in isolation

Aetokremnos Data
Beta-41405 R_Date(10190,230)
  68.2% probability
    10423BC (1.2%) 10406BC
    10360BC (0.9%) 10346BC
    10265BC (2.0%) 10238BC
    10204BC (64.1%) 9452BC
  95.4% probability
    10598BC (95.4%) 9292BC
Beta-41000/ETH-7188
R_Date(10420,85)
  68.2% probability
    10566BC (3.8%) 10546BC
    10474BC (64.4%) 10186BC
  95.4% probability
    10619BC (95.4%) 10096BC
Beta-41407 R_Date(10480,300)
  68.2% probability
    10714BC (61.8%) 10000BC
    9985BC (6.4%) 9875BC
  95.4% probability
    10998BC (95.4%) 9356BC
Beta-41406/ETH-7331
R_Date(10485,80)
  68.2% probability
    10614BC (52.4%) 10428BC
    10396BC (4.7%) 10370BC
    10328BC (11.2%) 10272BC
  95.4% probability
    10644BC (95.4%) 10166BC
Beta-41408/ETH-7332
R_Date(10575,80)
  68.2% probability
    10650BC (36.5%) 10562BC
    10556BC (31.7%) 10472BC
  95.4% probability
    10726BC (88.0%) 10424BC
    10403BC (1.9%) 10363BC
    10342BC (4.6%) 10266BC
    10234BC (0.9%) 10209BC
Beta-41002/ETH-7189
R_Date(10770,90)
  68.2% probability
    10788BC (68.2%) 10632BC
  95.4% probability
    10938BC (95.4%) 10602BC
Beta-40655 R_Date(10840,270)
  68.2% probability
    11152BC (68.2%) 10584BC
  95.4% probability
    11351BC (95.4%) 10116BC
OxA-15989 R_Date(10225,50)
  68.2% probability
    10108BC (38.1%) 10004BC
    9971BC (30.1%) 9876BC
  95.4% probability
    10174BC (95.4%) 9806BC

Ayia Varvara Asprokremnos Data
Hd-27170 R_Date(9465,46)
  68.2% probability
    8815BC (57.5%) 8700BC
    8676BC (10.7%) 8644BC
  95.4% probability
    9118BC (12.8%) 9007BC
    8914BC (0.9%) 8902BC
    8851BC (81.7%) 8624BC
Hd-27180 R_Date(9477,43)
  68.2% probability
    9103BC (2.8%) 9091BC
    8834BC (61.3%) 8705BC
    8670BC (4.2%) 8656BC
  95.4% probability
    9119BC (17.6%) 9005BC
    8916BC (1.4%) 8900BC
    8856BC (76.3%) 8633BC
Hd-27217 R_Date(9525,49)
  68.2% probability
    9118BC (35.3%) 9006BC
    8915BC (4.0%) 8900BC
    8851BC (28.9%) 8762BC
  95.4% probability
    9140BC (95.4%) 8724BC
Hd-27227 R_Date(9452,25)
  68.2% probability
    8778BC (64.1%) 8710BC
    8665BC (4.1%) 8659BC
  95.4% probability
    8807BC (79.7%) 8697BC
    8680BC (15.7%) 8639BC
Hd-27228 R_Date(9432,49)
  68.2% probability
    8766BC (68.2%) 8638BC
  95.4% probability
    9107BC (0.9%) 9090BC
    9041BC (0.4%) 9034BC

8836BC (94.0%) 8569BC
Hd-27242 R_Date(9497,46)
68.2% probability
9116BC (11.5%) 9077BC
9055BC (10.6%) 9016BC
8843BC (46.1%) 8726BC
95.4% probability
9126BC (30.0%) 8996BC
8926BC (61.5%) 8698BC
8680BC (3.9%) 8640BC

Ayios Tychonas *Klimonas* Data
Muse35/SacA-25304
R_Date(9435,45)
68.2% probability
8767BC (44.1%) 8696BC
8682BC (24.1%) 8640BC
95.4% probability
9106BC (0.7%) 9091BC
9038BC (0.1%) 9036BC
8836BC (94.2%) 8606BC
8582BC (0.3%) 8574BC
Muse42/SacA-25311
R_Date(9440,50)
68.2% probability
8780BC (46.4%) 8695BC
8684BC (21.8%) 8639BC
95.4% probability
9114BC (2.5%) 9080BC
9054BC (2.2%) 9020BC
8842BC (89.9%) 8598BC
8586BC (0.8%) 8571BC
Muse33/SacA-25302
R_Date(9445,50)
68.2% probability
8788BC (48.6%) 8696BC
8682BC (19.6%) 8640BC
95.4% probability
9116BC (3.3%) 9076BC
9056BC (3.1%) 9014BC
8911BC (0.2%) 8906BC
8844BC (88.4%) 8606BC
8582BC (0.3%) 8574BC
Muse31/SacA-25300
R_Date(9450,60)
68.2% probability
8810BC (68.2%) 8633BC
95.4% probability
9120BC (12.7%) 9004BC
8918BC (1.5%) 8896BC
8871BC (81.2%) 8570BC
Muse36/SacA-25305
R_Date(9480,50)
68.2% probability
9112BC (6.6%) 9086BC
9043BC (3.5%) 9028BC
8838BC (54.2%) 8705BC
8670BC (3.9%) 8656BC
95.4% probability
9121BC (21.6%) 9002BC
8920BC (73.8%) 8632BC
Muse32/SacA-25301
R_Date(9505,50)
68.2% probability
9118BC (13.8%) 9071BC
9058BC (13.5%) 9010BC
8914BC (2.4%) 8903BC
8846BC (38.5%) 8737BC
95.4% probability
9133BC (35.0%) 8976BC
8932BC (57.7%) 8701BC
8676BC (2.7%) 8644BC
Muse39/SacA-25308
R_Date(9505,50)
68.2% probability
9118BC (13.8%) 9071BC
9058BC (13.5%) 9010BC
8914BC (2.4%) 8903BC
8846BC (38.5%) 8737BC
95.4% probability
9133BC (35.0%) 8976BC
8932BC (57.7%) 8701BC
8676BC (2.7%) 8644BC
Muse34/SacA-25303
R_Date(9510,60)
68.2% probability
9120BC (30.2%) 9005BC
8916BC (4.0%) 8898BC
8856BC (34.0%) 8740BC
95.4% probability
9140BC (92.2%) 8700BC
8676BC (3.2%) 8642BC
Muse38/SacA-25307
R_Date(9525,45)
68.2% probability
9118BC (34.8%) 9006BC
8915BC (3.9%) 8900BC
8851BC (29.5%) 8762BC
95.4% probability
9138BC (43.3%) 8969BC
8945BC (52.1%) 8728BC
AA-88551 charcoal
R_Date(9544,53)
68.2% probability
9122BC (35.6%) 9002BC
8919BC (8.2%) 8888BC
8880BC (24.4%) 8792BC
95.4% probability
9156BC (95.4%) 8742BC
Muse41/SacA-25310
R_Date(9590,50)
68.2% probability
9144BC (8.5%) 9112BC
9085BC (10.1%) 9045BC
9026BC (49.5%) 8838BC
95.4% probability
9198BC (95.4%) 8792BC

Shillourokambos Early Phase A Data
Lyon-290 R_Date(9310,80)
68.2% probability
8702BC (6.5%) 8673BC
8652BC (60.5%) 8452BC
8362BC (1.2%) 8356BC
95.4% probability
8751BC (95.4%) 8318BC
Lyon-3091 R_Date(9225,45)
68.2% probability
8538BC (11.3%) 8510BC
8484BC (29.0%) 8418BC
8411BC (27.9%) 8346BC
95.4% probability
8562BC (95.4%) 8304BC
Lyon-2284 R_Date(9220,50)
68.2% probability
8536BC (8.8%) 8513BC
8482BC (59.4%) 8339BC
95.4% probability
8566BC (95.4%) 8298BC
Lyon-572 R_Date(9205,75)
68.2% probability
8534BC (6.6%) 8514BC
8480BC (61.6%) 8308BC
95.4% probability
8610BC (95.4%) 8286BC
Lyon-1447 R_Date(9180,55)
68.2% probability
8453BC (68.2%) 8301BC
95.4% probability
8548BC (95.4%) 8286BC
Lyon-3038 R_Date(9145,45)
68.2% probability
8429BC (13.1%) 8401BC
8395BC (11.0%) 8370BC
8351BC (44.1%) 8286BC
95.4% probability
8531BC (1.6%) 8518BC
8476BC (93.8%) 8276BC
Lyon-3039 R_Date(9140,45)
68.2% probability
8426BC (11.2%) 8402BC
8394BC (9.8%) 8371BC
8350BC (47.2%) 8284BC
95.4% probability
8530BC (1.3%) 8518BC
8476BC (94.1%) 8274BC
Lyon-3043 R_Date(9115,50)
68.2% probability
8424BC (7.0%) 8405BC
8391BC (4.2%) 8378BC
8349BC (57.0%) 8271BC
95.4% probability
8465BC (95.4%) 8246BC
Lyon-573 R_Date(9110,90)
68.2% probability
8453BC (68.2%) 8248BC
95.4% probability
8610BC (93.0%) 8198BC
8110BC (0.6%) 8092BC
8072BC (0.2%) 8066BC
8040BC (1.6%) 8000BC
Lyon-3042 R_Date(9090,45)
68.2% probability
8314BC (68.2%) 8254BC

95.4% probability
8434BC (9.5%) 8368BC
8351BC (85.9%) 8236BC
Lyon-3044 R_Date(9080,50)
68.2% probability
8312BC (68.2%) 8247BC
95.4% probability
8438BC (9.0%) 8366BC
8352BC (86.4%) 8227BC
Lyon-931 R_Date(8860,90)
68.2% probability
8210BC (56.1%) 7937BC
7926BC (1.7%) 7917BC
7898BC (10.4%) 7840BC
95.4% probability
8256BC (94.8%) 7710BC
7694BC (0.6%) 7684BC

(ii) Modelled Data
Start Epipalaeolithic Posterior
68.2% probability
10901BC (68.2%) 10650BC
95.4% probability
11240BC (95.2%) 10568BC
10559BC (0.1%) 10553BC
10548BC (0.1%) 10542BC
Beta-41405 Posterior
68.2% probability
10562BC (0.6%) 10556BC
10473BC (67.6%) 9984BC
95.4% probability
10664BC (95.4%) 9746BC
Agreement 96.6%
Beta-41000/ETH-7188 Posterior
68.2% probability
10567BC (5.2%) 10540BC
10476BC (63.0%) 10194BC
95.4% probability
10618BC (95.4%) 10106BC
Agreement 101.3%
Beta-41407 Posterior
68.2% probability
10646BC (68.2%) 10142BC
95.4% probability
10811BC (95.4%) 9834BC
Agreement 121.8%
Beta-41406/ETH-7331 Posterior
68.2% probability
10615BC (53.4%) 10428BC
10397BC (4.6%) 10370BC
10325BC (10.3%) 10272BC
95.4% probability
10644BC (95.4%) 10168BC
Agreement 101.6%
Beta-41408/ETH-7332 Posterior
68.2% probability
10646BC (68.2%) 10472BC
95.4% probability
10716BC (87.5%) 10423BC
10404BC (2.1%) 10361BC
10343BC (4.9%) 10265BC
10234BC (0.9%) 10212BC
Agreement 101.6%
Beta-41002/ETH-7189 Posterior
68.2% probability
10740BC (68.2%) 10618BC
95.4% probability
10890BC (92.9%) 10576BC
10526BC (2.5%) 10480BC
Agreement 105.9%
Beta-40655 Posterior
68.2% probability
10822BC (65.8%) 10430BC
10306BC (2.4%) 10278BC
95.4% probability
10974BC (95.4%) 10078BC
Agreement 92.1%
OxA-15989 Posterior
68.2% probability
10149BC (63.3%) 9967BC
9918BC (4.9%) 9892BC
95.4% probability
10432BC (2.8%) 10385BC
10376BC (2.3%) 10324BC
10271BC (1.6%) 10236BC
10208BC (88.7%) 9812BC
Agreement 91.4%

Duration Epipalaeolithic - from charcoal samples Posterior
68.2% probability
601 (68.2%) 1148
95.4% probability
13 (0.2%) 26
300 (95.2%) 1698

End Epipalaeolithic Posterior
68.2% probability
10111BC (68.2%) 9742BC
95.4% probability
... (0.2%) 10583BC
10402BC (95.2%) 9362BC

Between Aetokremnos and Cypro-PPNA Phase Posterior
68.2% probability
935 (68.2%) 1316
95.4% probability
560 (95.4%) 1596

Start Cypro-PPNA Posterior
68.2% probability
8816BC (68.2%) 8770BC
95.4% probability
8852BC (95.4%) 8758BC
Hd-27170 Posterior
68.2% probability
8791BC (68.2%) 8752BC
95.4% probability
8813BC (95.4%) 8728BC
Agreement 146.4%
Hd-27180 Posterior
68.2% probability
8790BC (68.2%) 8754BC
95.4% probability
8816BC (95.4%) 8730BC
Agreement 159.8%
Hd-27217 Posterior
68.2% probability
8796BC (68.2%) 8756BC
95.4% probability
8826BC (95.4%) 8740BC
Agreement 107.8%
Hd-27227 Posterior
68.2% probability
8786BC (68.2%) 8751BC
95.4% probability
8804BC (95.4%) 8728BC
Agreement 104.8%
Hd-27228 Posterior
68.2% probability
8789BC (68.2%) 8750BC
95.4% probability
8809BC (95.4%) 8722BC
Agreement 93.5%
Hd-27242 Posterior
68.2% probability
8791BC (68.2%) 8756BC
95.4% probability
8820BC (95.4%) 8734BC
Agreement 156.0%
Muse35/SacA-25304 Posterior
68.2% probability
8788BC (68.2%) 8750BC
95.4% probability
8808BC (95.4%) 8724BC
Agreement 93.2%
Muse42/SacA-25311 Posterior
68.2% probability
8790BC (68.2%) 8751BC
95.4% probability
8810BC (95.4%) 8723BC
Agreement 107.4%
Muse33/SacA-25302 Posterior
68.2% probability
8790BC (68.2%) 8751BC
95.4% probability
8811BC (95.4%) 8724BC
Agreement 115.8%
Muse31/SacA-25300 Posterior
68.2% probability
8791BC (68.2%) 8752BC
95.4% probability
8814BC (95.4%) 8724BC
Agreement 133.3%
Muse36/SacA-25305 Posterior
68.2% probability
8791BC (68.2%) 8754BC
95.4% probability
8816BC (95.4%) 8731BC
Agreement 162.6%
Muse32/SacA-25301 Posterior
68.2% probability
8792BC (68.2%) 8756BC
95.4% probability

8821BC (95.4%) 8736BC
Agreement 143.7%
Muse39/SacA-25308 Posterior
68.2% probability
8792BC (68.2%) 8756BC
95.4% probability
8821BC (95.4%) 8736BC
Agreement 143.8%
Muse34/SacA-25303 Posterior
68.2% probability
8792BC (68.2%) 8756BC
95.4% probability
8824BC (95.4%) 8733BC
Agreement 134.8%
Muse38/SacA-25307 Posterior
68.2% probability
8796BC (68.2%) 8756BC
95.4% probability
8826BC (95.4%) 8741BC
Agreement 105.7%
AA-88551 charcoal Posterior
68.2% probability
8796BC (68.2%) 8756BC
95.4% probability
8828BC (95.4%) 8741BC
Agreement 80.7%
Muse41/SacA-25310 Posterior
68.2% probability
8798BC (68.2%) 8760BC
95.4% probability
8834BC (95.4%) 8746BC
Warning! Poor agreement - A= 32.5%(A'c= 60.0%)
Poor agreement 32.5%

Duration of Cypro-PPNA Posterior
68.2% probability
0 (68.2%) 66
95.4% probability
0 (95.4%) 134

End Cypro-PPNA as Currently Represented Posterior
68.2% probability
8775BC (68.2%) 8731BC
95.4% probability
8789BC (95.4%) 8698BC

Cypro-PPNA as Currently Represented and Cypro-PPNB Posterior
68.2% probability
282 (68.2%) 428
95.4% probability
178 (95.4%) 460

Start Cypro-PPNB Posterior
68.2% probability
8454BC (68.2%) 8320BC
95.4% probability
8556BC (95.4%) 8302BC
Lyon-290 Posterior
68.2% probability
8386BC (68.2%) 8298BC
95.4% probability
8495BC (95.4%) 8288BC
Warning! Poor agreement - A= 56.1%(A'c= 60.0%)
Poor agreement 56.1%
Lyon-3091 Posterior
68.2% probability
8380BC (68.2%) 8300BC
95.4% probability
8470BC (95.4%) 8292BC
Agreement 92.2%
Lyon-2284 Posterior
68.2% probability
8380BC (68.2%) 8299BC
95.4% probability
8467BC (95.4%) 8291BC
Agreement 97.0%
Lyon-572 Posterior
68.2% probability
8380BC (68.2%) 8292BC
95.4% probability
8471BC (95.4%) 8278BC
Agreement 108.2%
Lyon-1447 Posterior
68.2% probability
8374BC (68.2%) 8293BC
95.4% probability
8456BC (95.4%) 8282BC
Agreement 113.6%
Lyon-3038 Posterior
68.2% probability
8351BC (68.2%) 8286BC
95.4% probability
8437BC (95.4%) 8278BC
Agreement 121.4%
Lyon-3039 Posterior
68.2% probability
8348BC (68.2%) 8285BC
95.4% probability
8437BC (95.4%) 8276BC
Agreement 121.8%
Lyon-3043 Posterior
68.2% probability
8340BC (68.2%) 8279BC
95.4% probability
8428BC (95.4%) 8257BC
Agreement 120.7%
Lyon-573 Posterior
68.2% probability
8358BC (68.2%) 8270BC
95.4% probability
8452BC (95.4%) 8242BC
Agreement 133.0%
Lyon-3042 Posterior
68.2% probability
8324BC (68.2%) 8272BC
95.4% probability
8420BC (1.8%) 8406BC
8392BC (2.9%) 8368BC
8353BC (90.7%) 8246BC
Agreement 105.0%
Lyon-3044 Posterior
68.2% probability
8323BC (68.2%) 8268BC
95.4% probability
8421BC (1.9%) 8404BC
8394BC (3.2%) 8366BC
8354BC (90.3%) 8240BC
Agreement 102.9%
Lyon-931 Posterior
68.2% probability
8318BC (68.2%) 8238BC
95.4% probability
8391BC (95.4%) 8172BC
Warning! Poor agreement - A= 27.0%(A'c= 60.0%)
Poor agreement 27.0%

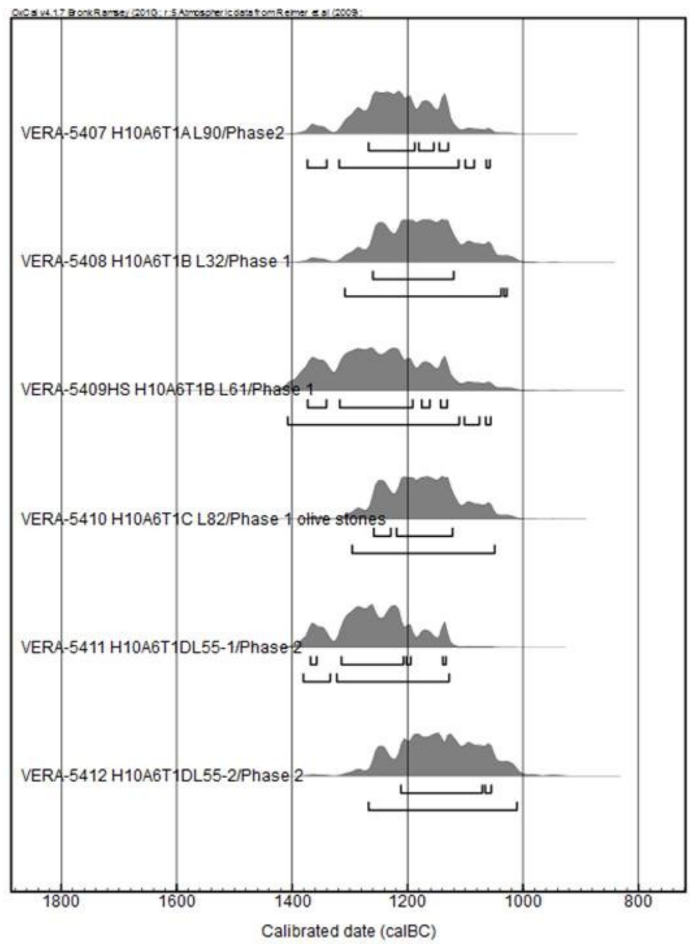
Duration of Shillourokambos Early Phase A Posterior
68.2% probability
4 (1.6%) 10
25 (66.6%) 220
95.4% probability
0 (95.4%) 362

Shillourokambos Early Phase A to Early Phase B + C Posterior
68.2% probability
8302BC (68.2%) 8228BC
95.4% probability
8328BC (95.4%) 8144BC

10. Table S6: Hala Sultan Tekke radiocarbon data (published late 2011) relevant to the late Late Cypriot (i.e. late Protohistoric Bronze Age) period kindly provided by Peter Fischer (see now Fischer 2011).

Lab ID.	**Context**	**Material**	**δ^{13}C‰**	**^{14}C ± 1σ BP**
VERA-5407	H10A6T1A **L90/Phase2**	Charcoal, twig	-23.7 ± 0.7	2980 ± 35
VERA-5408	H10A6T1B **L32/Phase 1**	Charcoal, twig	-33.5 ± 1.6	2955 ± 40
VERA-5409HS	H10A6T1B **L61/Phase 1**	Charcoal, twig	-28.5 ± 1.2	3005 ± 55
VERA-5410	H10A6T1C **L82/Phase 1**	olive stones from kitchen (near jug)	-22.7 ± 2.3	2955 ± 35
VERA-5411	H10A6T1D**L55-1/Phase 2**	Charcoal, twig	-27.1 ± 1.4	3005 ± 35
VERA-5412	H10A6T1D**L55-2/Phase 2**	Charcoal, twig	-27.0 ± 1.4	2935 ± 40

11. Figure S5: Calibrated calendar age probability distributions for the individual Hala Sultan Tekke dates (Table S6) – no modelling (with IntCal09 with curve resolution = 5 and OxCal 4.17 – for references, see Tables S2 or S3). The find contexts are not yet assigned to specific archaeological periods, but the dates nicely conform to the range for the later Late Cypriot period (later Protohistoric Bronze Age) as established from the published data employed in the Appendix – these Hala Sultan Tekke dates cover mainly the 13th through 12th centuries Cal BC. The calibrated calendar ranges shown are listed below.



The Calibrated calendar ranges illustrated in Figure S5 above are:

VERA-5407 R_Date(2980,35)
  68.2% probability
    1268BC (47.6%) 1188BC
    1181BC (12.4%) 1155BC
    1146BC (8.2%) 1130BC
  95.4% probability
    1374BC (3.7%) 1341BC
    1319BC (90.0%) 1112BC
    1101BC (1.2%) 1085BC
    1064BC (0.5%) 1058BC
VERA-5408 R_Date(2955,40)
  68.2% probability
    1261BC (68.2%) 1121BC
  95.4% probability
    1309BC (95.0%) 1039BC
    1034BC (0.4%) 1029BC
VERA-5409 R_Date(3005,55)
  68.2% probability
    1374BC (10.4%) 1341BC
    1318BC (50.1%) 1192BC
    1176BC (4.1%) 1162BC
    1143BC (3.6%) 1132BC

95.4% probability
1408BC (92.4%) 1111BC
1102BC (2.3%) 1076BC
1065BC (0.7%) 1057BC
VERA-5410 R_Date(2955,35)
68.2% probability
1259BC (14.4%) 1230BC
1220BC (53.8%) 1123BC
95.4% probability
1297BC (95.4%) 1050BC
VERA-5411 R_Date(3005,35)
68.2% probability
1369BC (3.8%) 1358BC
1315BC (59.8%) 1208BC
1203BC (2.6%) 1195BC
1140BC (2.0%) 1134BC
95.4% probability
1381BC (13.2%) 1335BC
1323BC (82.2%) 1129BC
VERA-5412 R_Date(2935,40)
68.2% probability
1212BC (64.0%) 1071BC
1066BC (4.2%) 1056BC
95.4% probability
1268BC (95.4%) 1011BC

12. References cited in the Supporting Online Material above (cited in same form – e.g. …2009b… as in the Appendix and as in the bibliography of the Knapp book)

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13. Postscript regarding Chalcolithic to MC Cyprus

This postscript was added to the SOM at proof stage (September 2012). It notes and comments on a couple of minor issues/errors or imperfections in the treatment of the Margi *Alonia* data, and to the accidental omission of one site (Ambelikou *Aletri*) and its two ^{14}C dates, in the Appendix study and SOM above. Readers are referred to a subsequent forthcoming paper (Manning 2013 – reference at end of this postscript) which, including these changes/corrections (and mentioning a few new radiocarbon dates only available after the Appendix and SOM were prepared), further refines and improves the chronological treatment of the Cypriot Chalcolithic through Middle Cypriot period using the data available up to mid 2012. It is important to start this postscript by stressing that the corrections/revisions noted below regarding a couple of the details of the Margi *Alonia* sequence make no real difference to the dates stated in the Appendix for the start and for the end of the site and, more widely, the dates for the Prehistoric Bronze Age period. They only affect its intra-site dating – a topic which was *not* dealt with in the main analyses reported in the Appendix. The omission of the Ambelikou *Aletri* dates does not affect the dates calculated for the start or end of the Prehistoric Bronze Age.

<u>Margi *Alonia*</u>
In the listing of data in the sub-appendix and thence in the OxCal run-file and in the outputs and figures shown in the SOM above, there are a couple of issues/errors regarding the Margi *Alonia* data and internal site sequence (note: only the 21 dates with 'relative reliability' in Frankel and Webb 2006: Table 3.3a are discussed – the 6 dates in Table 3.3b which are 'clearly unreliable or unusable' are not discussed here, in the Appendix, or in Manning 2013). In particular: date OZA-340 is placed now in site phase D-1 following Frankel and Webb (2006: Figure 3.4 and the absence of mention of Phase F-1 in the text on p.35 column 2), and *not* in phase F-1 (as in the Appendix and SOM above) and as (contradictorily) listed in Frankel and Webb (2006: 37 Table 3.3a); and the dates in Phase H-1 should have been treated as MCI and Phase I-IV as MCII – and not as MCI-MC as in the Appendix and SOM above. Unfortunately these issues/mistakes were not noted until after the Appendix, etc., was into production with CUP.

However, making these changes or corrections does not substantially change the dates calculated and stated in the Appendix and SOM above for the start and end dates for Margi *Alonia* (the start and end Boundaries for the site). A more detailed investigation of the dating of the Margi *Alonia* site sequence, including attention to the intra-site sequence, is considered in Manning (2013), and this study should be referred to instead of the Appendix and SOM above for a preferred treatment. Figure S6 shows the correct(ed) Margi *Alonia* sequence considered in isolation (and with a General Outlier analysis following Bronk Ramsey 2009b). The date range for the Start Boundary for Margi *Alonia* employing all data in isolation (as in Figure S6) is 2358-2221 Cal BC (68.2% probability) and the date range for the End Boundary for Margi *Alonia* is 2007-1706 Cal BC (68.2% probability).

The Margi *Alonia* site sequence is the only substantial ^{14}C data set currently available for the Prehistoric Bronze Age (EC to earlier MC), and, since most of the data are on short-lived samples, it should yield age estimates directly relevant to the archaeological contexts. However, examination of Figure S6 highlights some issues with the Margi *Alonia* data and site sequence. Let us briefly review the Margi *Alonia* ^{14}C dates:

(i) The Source Gamma (γ) dates seem to range over some considerable time, and thus do not seem to derive from a single temporal horizon. OZB-161 and OZB-162 especially would prefer (without modelling) to date in the 25th to 24th centuries BC (68.2% probability), perhaps indicative of an early Philia phase (and perhaps as also indicated by GU-2167 from *Mosphilia* Period 5). But the stated site sequence with these dates grouped into a single Source Gamma Phase leaves these dates instead as outliers (see Figure S6). At the same time, two of the other Source Gamma dates, OZA-279U2 and OZB-160 would prefer (without modelling) to date in the 22nd-20th centuries Cal BC (majority of their 68.2% probability ranges) – rather too late for the Philia phase, and instead more likely contemporary with the later Early Cypriot to initial Middle Cypriot periods. Just one date, OZB-163, more or less lies between these two contradictory pairs in Source Gamma, and in a roughly contemporary age range with the Phase A-1 and Phase B dates (24th/23rd to 22nd centuries Cal BC at 68.2% probability). Thus whether Source Gamma includes an early Philia phase (25th-23rd centuries Cal BC) or not, and a later Philia phase (23rd to 22nd Cal BC), and then an EC to even initial MC phase, is not clear, but seems possible (and if this was in fact so, then the dating model for the site should be revised – but there is a lack of positive stratigraphic support for this at present).

(ii) The ECI-II phases at the site (Phase C and C-1 and Phase D) yield (non-modelled and modelled) dates mainly in the last couple of centuries of the 3rd millennium BC to around ca. 2000 Cal BC. This matches conventional expectations.

(iii) The sole ECIII date from Phase E seems somewhat too recent and hence it is flagged as an outlier in the analysis shown in Figure S6.

(iv) The MCI dates from Phase H are then seemingly a little older than might be expected, preferring dates (non-modelled) in the 23rd/22nd to 21st centuries Cal BC (68.2% probability).

(v) The MCII dates – on charcoal in this case and so *terminus post quem* dates – from Phase I-IV have relatively large measurement errors, and so calibrated age ranges, when considered without modelling (covering the 19th through earlier 17th centuries Cal BC at 68.2% probability). The other generally relatively early dates from the Margi *Alonia* site sequence push the modelled ages for these MCII dates towards the earlier part of their possible date ranges.

Overall, while important and our best current evidence, we nonetheless have to conclude that some problems exist with the Margi *Alonia* ^{14}C data in detail.

On the question of when to end the Late Chalcolithic period and start the Philia phase (and so also the Prehistoric Bronze Age), we face a lack of clear data. The two early Source Gamma dates (see (i) above) and the Period 5 (Philia phase) date from Kissonerga *Mosphilia* (GU-2167) suggest that the Philia phase could start as early as during the 25th century BC and certainly by around 2400 BC. The currently available Late Chalcolithic data offer a 68.2% range for the close of the period approximately 2550-2450 BC (Models 1 and 8) with the means around ca. 2505-2475 BC (in rounded terms) (Models 1-8). Some temporal overlap and regional variation within Cyprus is also likely across this Late Chalcolithic-Philia phase period (see Knapp 2013: end Chapter 5, start Chapter 6). Thus, in a revision to the dates given in the Appendix, we might speculate that Late Chalcolithic ends either ca. 2500 BC or ca. 2500-2450 BC, and that the Philia phase and the Prehistoric Bronze Age starts either ca. 2500-2450 BC or ca. 2450 BC (and is certainly underway by ca. 2400 BC – the date employed in the Appendix). The 25th century BC thus becomes something of century of contest and change on Cyprus.

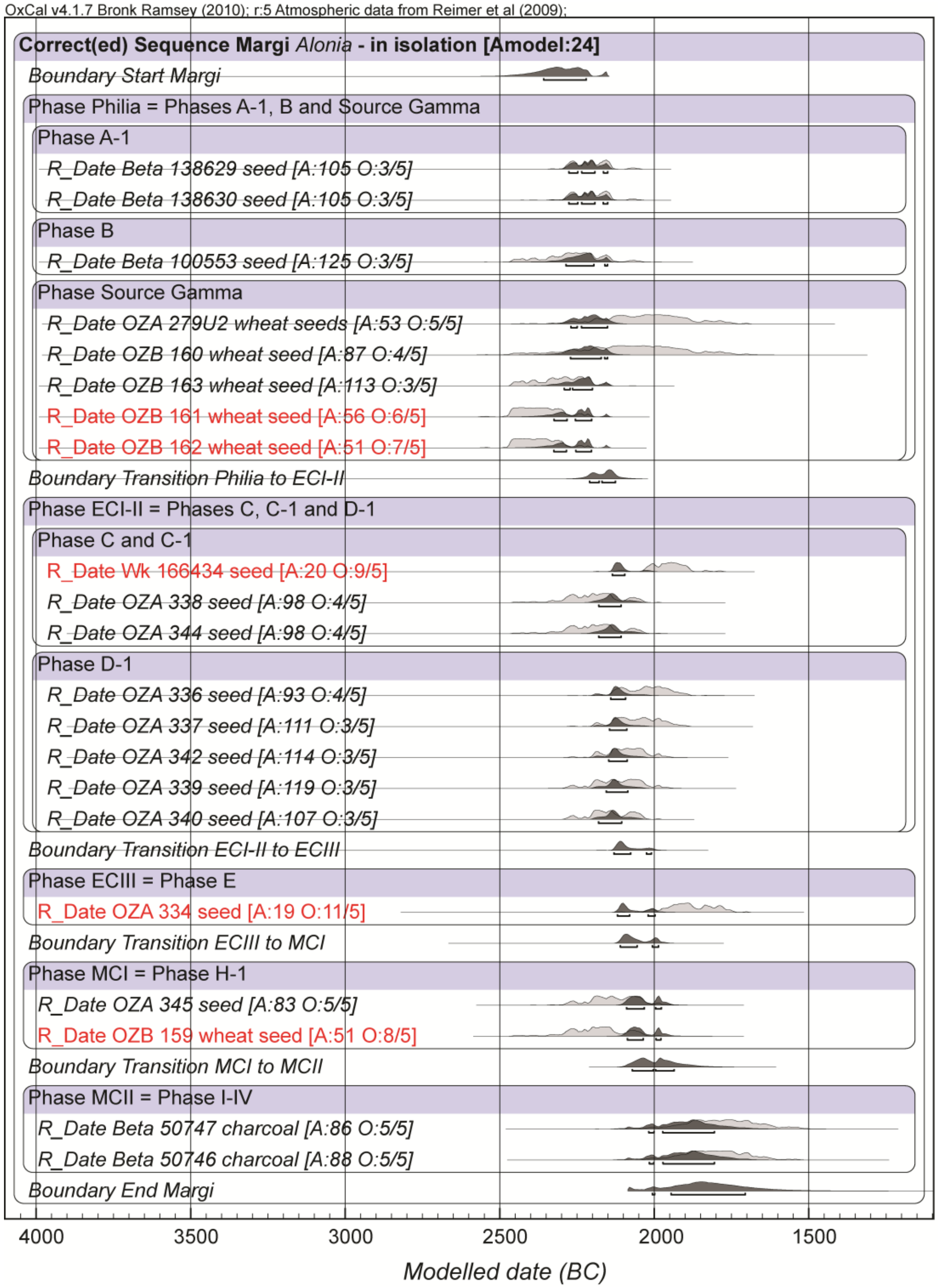

Figure S6. Sequence analysis, with Outlier analysis, of the Margi *Alonia* site sequence in isolation with the couple of data/phasing corrections included (see text above). The analysis employs the OxCal 'General' outlier analysis model (Bronk Ramsey 2009b), the O values list the calculated Posterior v. Prior (5 = threshold value) for each date, with those cases shown in red identified as outliers (Posterior value > Prior value). The A values are the individual OxCal agreement values (satisfactory threshold is ca. 60). The model as shown – because of the several outliers – has a less than satisfactory Amodel value of 24.2 ≤ 60 (Aoverall = 30.1 ≤60). The light shaded histograms are the calibrated age probability distributions for each date in isolation (no model), and the dark shaded histograms are the modelled probability distributions with the model. The extent of overlap between the modelled and non-modelled distributions determines whether a satisfactory A value is achieved. The lines under each of the modelled distributions indicate the 95.4% probability range. As elsewhere in the Appendix and SOM, IntCal09 is used with curve resolution set at 5.

<u>Ambelikou *Aletri*</u>

The other error/omission in the Appendix/SOM noted at proof stage was that two ^{14}C dates on charcoal samples from the Prehistoric Bronze Age (late EC to earlier MC) site of Ambelikou *Aletri* had been inadvertently missed out (for the dates, see Håkansson 1981: 402). These dates and the site are included in the Manning (2013) study. The dates and their (non-modelled) calibrated age ranges (IntCal09 and curve resolution set at 5) are:

Lu-1694 (3660±55 ^{14}C years BP) = 2133-1955 Cal BC (68.2% probability, overall limits of range) and 2198-1895 Cal BC (95.4% Cal BC, overall limits of range)

Lu-1726 (3630±55 ^{14}C years BP) = 2121-1920 Cal BC (68.2% probability, overall limits of range) and 2195-1786 Cal BC (95.4% Cal BC, overall limits of range).

The inclusion of this missing pair of data makes no real difference to the Start and End Boundary dates for the Prehistoric Bronze Age as stated in the Appendix and as shown above in the SOM.

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