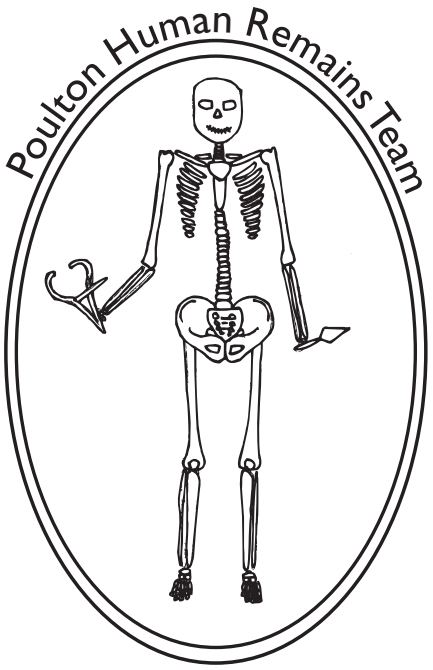
THE POULTON RESEARCH PROJECT




# Analysis of Human Skeletal Material from the Poulton Research Project: 1995–2012

by

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August 2013

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## Acknowledgements

Our sincere thanks are due to:

Mike Emery, Archaeological Consultant to the Poulton Research Project, and the Project Trustees, for their continuing encouragement and support.

Stephen Crane who, as half of the original Human Remains Team at Poulton, helped to establish the methods and procedures by which these data were obtained. His fingerprints are still all over this report.

Alexandra Aggrey, Helen Carpenter (no relation), Stephen Crane, Eleanor Dove, Sakina Hamid, Andrea Jenkins, Isobel Messer, Caroline Stevenson, Carole Turner, Julie Valentine, who, with the authors, analysed of a number of the skeletons.

Dr. Lawrence Owens for a copy of his unpublished thesis containing details of analyses performed on material from Poulton [Owens, 1998].

Many members of the Poulton Research Project, volunteers and students who have been involved in recording, excavating and cleaning the skeletons analysed here. Although it may be invidious to single out individuals, particular mention must be made of Alan Wilmshurst, the Site Supervisor.

# 1. Introduction

Poulton is a multi-period site in western Cheshire which has been the subject of an archaeological research programme since 1995: see [Emery et al, 1996], [Emery, 2000] and [Poulton Research Project, 2009]. A major focus of investigation has been the remains of a medieval chapel and the surrounding graveyard, which has been found to contain hundreds of burials.

Analyses of the human skeletal material excavated up to the end of 2002 and 2008 have been previously published in [Carpenter and Crane, 2003] and [Carpenter and Crane 2010]. As a result of the ongoing research and training excavations at Poulton, considerably more material has become available for analysis. This report covers all previous material and is intended to stand on its own as an analysis of all the material available to the end of 2012.

Between the start of the Poulton Research Project in 1995 and the end of 2012, 627 human skeletons[1] have been excavated, together with considerable quantities of disarticulated bone. A breakdown by year of excavation is shown in Table 1.

| Year | Number of Skeletons Excavated |
|---|---|
| 1995 | 2 |
| 1996 | 1 |
| 1997 | 16 |
| 1998 | 11 |
| 1999 | 2 |
| 2000 | 11 |
| 2001 | 18 |
| 2002 | 25 |
| 2003 | 7 |
| 2004 | 65 |
| 2005 | 49 |
| 2006 | 27 |
| 2007 | 45 |
| 2008 | 81 |
| 2009 | 56 |
| 2010 | 57 |
| 2011 | 79 |
| 2012 | 75 |

Table 1 – Breakdown of skeletons excavated by year

It is important to note that this set of skeletons, although significant in number, may still not be a fully representative sample. The selection of which skeletons to excavate has been driven primarily by the requirements of the overall research programme. Consequently, large parts of the Poulton Chapel site have not yet been fully excavated.

Some of the earlier skeletal material has been subjected to detailed analysis by osteoarchaeologists outside the Project, and the results published as listed below:

- Skeleton 1 from 1995: [Quinney, 1996].
- All the material from the 1996 and 1997 excavation seasons, including 17 skeletons (see note above), as reported by [Owens, 1998].
- Skeleton 53 from 1998: [Roberts, 1998].

Relevant data from these reports has been incorporated into the analysis presented in this paper, and is acknowledged at the appropriate points in the text.

Some of the earlier skeletal material was unfortunately sent for re-burial at Mount St. Bernard's Monastery, Staffordshire, without being subject to any recording or analysis and is no longer accessible. Thus population size reported here will vary according to the area of interest. Of the 627 total skeletons, only 590 have an accurate location recorded; only 578 have sufficient material to be aged as an adult or sub-adult; only 606 have had a post-excavation analysis. Nineteen have previously been examined (see above) leaving 587 skeletons available for analysis. Of these, 48 were excavated prior to 2003 and reported in [Carpenter and Crane, 2003]; 274 were excavated prior to 2009 and reported in [Carpenter and Crane, 2010]; 265 are reported here for the first time.

No attempt has been made to estimate the overall Minimum Number of Individuals (MNI) represented by the currently excavated material. We suspect that the true number of individuals is significantly higher than the 627 identified skeletons, based on the large volumes of disarticulated bone.

Despite the large amount of material, we have performed a detailed analysis of each skeleton. In Section 3 of this report, we report on age at death, sex, and stature; in Section 4, on pathologies, non-metric traits and taphonomy.

Other research conducted on the Poulton skeletons has been carried out by the Project's academic collaborators in the School of Natural Sciences and Psychology at Liverpool John Moores University and in the School of Archaeology, Classics and Egyptology at the University of Liverpool. We reference some of that work in this report.

# 2. Cemetery Analysis

## 2.1 Location of Burials

Figure 1 shows the locations of all the excavated burials

1 A 'skeleton' is either (a) a recognisable, articulated inhumation, or (b) a skull together with other associated bones (if any). Each skeleton has been assigned a consecutive number, which is used in this report where it is necessary to identify individual skeletons, as well as a context number.

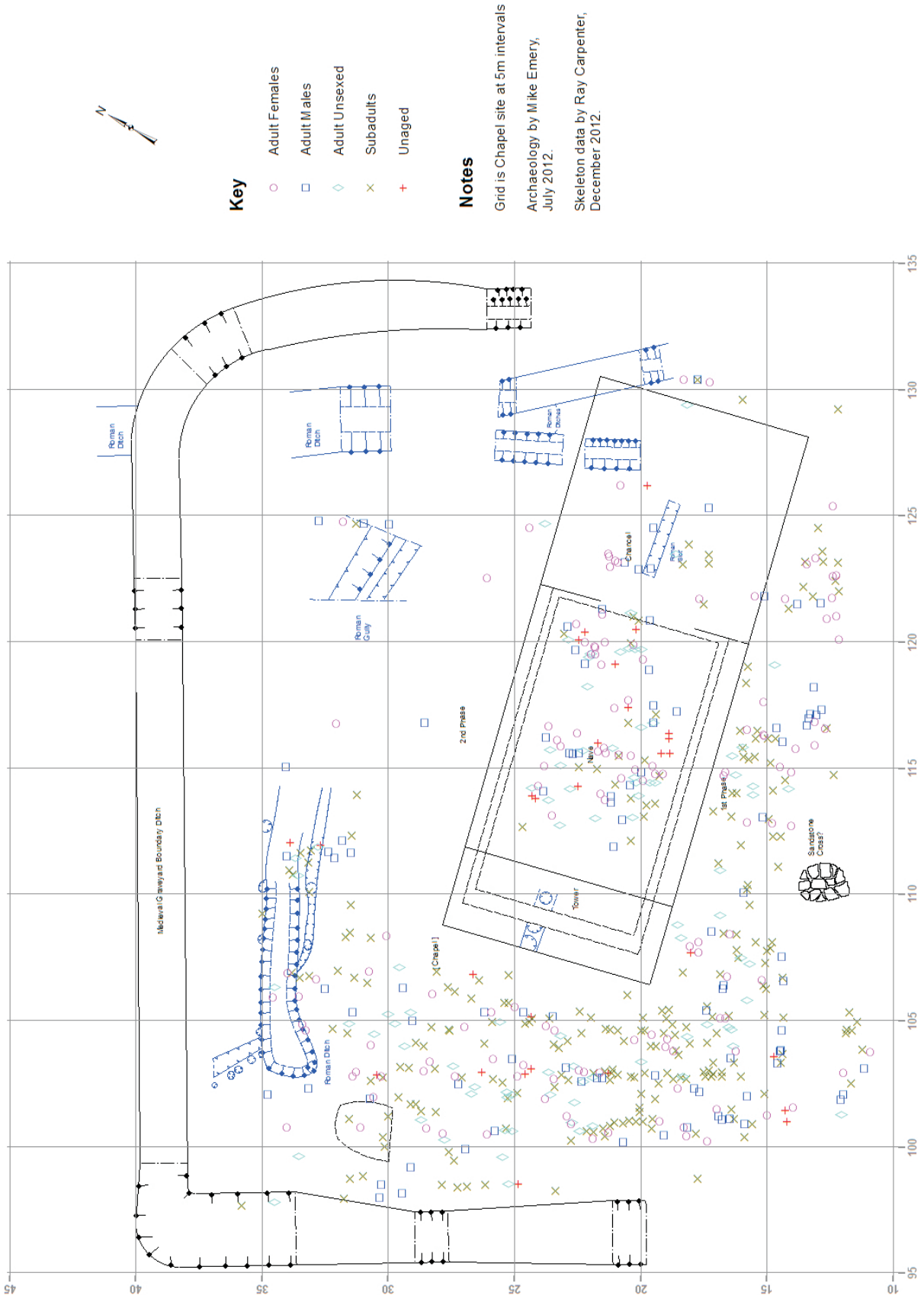



Figure 1 – Location of burials

whose position has been recorded relative to the two phases of the chapel itself and to the site grid. As already noted above, the concentrations of graves are not necessarily significant, and the apparently empty spaces on the plan generally indicate areas which have not yet been excavated.

The density of burials within the chapel walls and to the north of the graveyard is lower than that in the west and south. The lower density may indicate an exclusive area reserved for higher-status burials, which would imply that these burials post-dated the construction of the chapel.

There are some indications of burial organisation. Most of the subadult burials are clustered to the south-west of the graveyard. Within those burials, there are indications that there was a structure or pattern to them. Many appear to lie on north/south or east/west lines. There is also an indication of a line of burials in the north-east of the graveyard; specifically north of the chapel on the 125m northing. Further investigation will be undertaken to clarify these indications.

It is also noticeable that most inter-burial alignments are orthogonal to the medieval boundary ditch (and, coincidently, the site grid), rather than the chapel itself. There is currently no explanation for this.

## 2.2 Orientation of Burials

The burials have generally been aligned with the main axis of the chapel, i.e. in an approximately east-west direction with the head to the west. This is, of course, what would be expected in a Christian burial ground, and is further evidence that the excavated burials date from the Christian era. The alignments varied by as much as 30 degrees from the axis of the second phase chapel, although it should be noted that the latter is not precisely aligned either with the first phase chapel or with a true east-west line.

Exceptionally, three burials (Skeletons 142, 286 and 571) were reversed, with their heads the east. There appear to be no other unusual features of these burials: all are outside the chapel walls. SK142 was a subadult aged between 13 and 17 years, SK286 an adult of unknown sex aged between 40 and 49 years and SK571 an adult female also between 40 and 49 years old. This anomaly has been reported at other medieval sites: [Daniell, 1998: 149] lists several possible explanations, including simple carelessness, difficulties in identifying the orientation of a body wrapped in a shroud, head-to-toe packing of multiple burials in a restricted space, and the deliberate ill-treatment of executed criminals. Unfortunately there is no evidence to support or rebut any of these hypotheses for the Poulton examples.

One other possibility for the reversed adult burial is that it is of a priest, who would thus be expected to rise up facing his flock on the day of Resurrection. However, [Daniell, 1998: 149] states that this is a post-medieval custom, and that medieval burials assumed to be those of priests[2] faced the same way as everyone else. When taken with the location of one of the burials SK286, on the very edge of the graveyard, the age of SK142 and the sex of SK571, it seems highly improbable that these were priests' burials.

## 2.3 Attitude of Burials

The great majority of the undisturbed bodies were in the extended supine position: one burial had flexed legs, and another was resting on its left side. The position of the upper limbs varied, from straight alongside the body, to hands resting on the pelvic area, and to arms crossed over the chest: these are typical attitudes for medieval burials [Daniell, 1998: 118]. An unpublished report [McLeod, 2012] investigated the spatial relevance of differing arm positions but nothing conclusive was found. There was one example of asymeteric arm positions (SK535); the first noted on site.

## 2.4 Preservation of Bone and Skeletal Completeness

Where burials are undisturbed, bone preservation is generally good, even for fragile children. Unfortunately, approximately half of the burials have been disturbed to at least some extent, for the following reasons:

- Many of the burials are very close to the modern ground surface (as little as 40cm) and have been damaged from ploughing and erosion.
- During the period that the graveyard was in use, new graves were dug that intersected previous burials, particularly to the south and west of the chapel.
- Further damage was caused to the site in the late 19th and early 20th centuries by amateur excavations that were more akin to treasure hunting than to archaeology.

As a consequence, many of the bones are fragmentary and poorly preserved.

The approximate completeness of the burials is summarised in Table 2.

| | >75% | 50-75% | 25-50% | <25% |
|---|---|---|---|---|
| N | 201 | 110 | 96 | 219 |
| % | 32.1% | 17.6% | 15.3% | 35.0% |

Table 2 - Analysis of burials by completeness

2 Because they contained a chalice and/or paten.

### 2.5 Burial Practices and Finds

Four contemporary, multiple burials have been excavated. All of them are subadults, often apparently 'holding hands'. It is tempting to speculate that these represent the burials of siblings, but only DNA testing is likely to confirm or deny this. To date, work to extract and amplify human DNA from Poulton specimens has been unsuccessful.

Several of the burials contained assemblies of stones, predominately around the skull, known as pillow stones. These are found in burials dating from the tenth to twelfth and exceptionally, thirteenth centuries, although their purpose is not clear [Daniell, 1998: 160].

Evidence for coffins is minimal as the Poulton soil does not favour the preservation of wood, but some 38 graves contained heavily corroded iron objects that may be nails or other coffin fitments. Numerous pins have been found in and around some of the skeletons, indicating the use of shroud burials. These would probably have been more common in a poor rural community [Daniell, 1998: 44;156].

There has been very little evidence of personal items being buried with the bodies, which is typical of Christian burials. A belt buckle was found with one skeleton and a copper alloy 'petal mount', probably part of a clothing decoration, with another [Emery, 2000: 56]. These suggest high-status burials, since only the wealthiest were buried clothed [Daniell, 1988: 43-44]. A small metal knife blade was found with a subadult aged 4 to 5 years.

About 10% of the grave fills contained pottery fragments from the Roman, Saxon and medieval periods: it seems unlikely that these are all contemporaneous with the burials. Many of the grave fills contained significant quantities of charcoal and building materials including stone, plaster, mortar, glass, lead cames, slate, and roof and floor tiles. Some of the iron objects mentioned above might also be related to the structure of the building rather than to coffins. Most of this material is difficult to date, but it includes both Roman and medieval tiles. Some might be interpreted as deliberate inclusions, based on parallels from other medieval cemeteries: for example, Roman stones and tiles have been reported in London and York [Daniell, 1998: 105-106], and charcoal was commonly added to burials from the ninth to twelfth centuries [Daniell, 1998: 158-160]. However, this seems unlikely to explain all the additional material found in the Poulton grave fills.

The presence of this material in so many graves poses further questions about the relative dating of the burials and the various buildings on the site, including the structure(s) which must have existed in the Roman period but whose location and type are currently unclear. It appears that many of the burials took place after the demolition of at least one substantial building which scattered material across most of the graveyard. We hope that, in the future, radiocarbon dating of the skeletons can help resolve some of these issues.

### 2.6 Radiocarbon Dates

SK53 had been previously radiocarbon dated in 1998 as part of the BBC television programme, 'Meet the Ancestors'. The data was difficult to interpret with date ranges of 1531–1537, 1635–1670 and 1780–1799. Only the first date range (1531–1537) seemed to fit with the documented history of the chapel [Emery et al, 1996] although it was the least likely. Late in 2012, two skeletons were radiocarbon dated , SK53 (again) and SK535. This time, and for both skeletons, the determination was made using tooth roots. The results were an improvement on the earlier ones. SK53 still had multiple date ranges, 1470–1520 and 1560–1630. SK535 had a much clearer date range of 1280–1320 which fits neatly with the chronology of the associated finds.

## 3. Demographic and Metrical Analysis

### 3.1 Sex

The sex of adult skeletons was estimated using the attributes listed in Table 3. All data in this table are from [Buikstra and Ubelaker, 1994] except the sub-pubic angle [Mays, 2010: 41], and ventral arc [Sutherland and Suchey, 1991: 502.] As many of these attributes as possible were assessed for each skeleton, depending on the available bones and their state of preservation. For each attribute, a score of 1 (most female) to 5 (most male) was assigned using the diagrams and charts in the appropriate reference. An overall assessment was then made, taking into account the greater reliability of some attributes [Brothwell, 1981: 62] and not simply averaging the scores. This resulted in an overall assessment of female, probable female, ambiguous, probable male or male. In some cases, there was insufficient material to make any sex estimation. This is recorded as indeterminate.

Normally, no attempt was made to estimate the sex of

| | |
|---|---|
| Pelvis | Greater Sciatic Notch |
| | Sub-Pubic Angle |
| | Preauricular Sulcus |
| | Ventral Arc |
| | Subpubic Concavity |
| | Ischiopubic Ramus Ridge |
| Skull | Nuchal Crest |
| | Mastoid Process |
| | Supra-Orbital Margin |
| | Glabella |

Table 3 – Techniques for assessing sex

subadults; any individual whose age at death was assessed at 17 or lower was regarded as a subadult. There were a few individuals whose sex appeared to be well-defined even though their age was less than 18, but these were disregarded in this part of the analysis.

The summarised results of the sex estimation for each of the skeletons are given in Table 4, incorporating the results of earlier analyses by external osteoarchaeologists (see Section 1)

| Estimated Sex | N |
|---|---|
| Female | 74 |
| Probable Female | 67 |
| Ambiguous | 38 |
| Indeterminate | 55 |
| Probable Male | 53 |
| Male | 55 |

Table 4 – Results of sex estimation for adult burials

Of those skeletons which could be sexed, there are 141 (56.6%) females (including probables) and 108 (43.4%) males (including probables). Using the recommended chi-squared test [English Heritage, 2004], this difference between the sexes is significant at the 3.7% level[3]. This is an unexpected result for a medieval rural parish cemetery which, if anything, might be expected to exhibit a bias towards male burials, e.g. [Daniell, 1998: 126] and [Mays, 2010: 86]. Further investigation is continuing, but possible explanations at this stage include:

- A surplus of male burials in parts of the graveyard which have not yet been excavated, leading to an overall balance. If true, however, this would pose further questions about sexual bias in the distribution of burials.
- The 'standard' sexually dimorphic traits used to determine sex (Table 3) might not be appropriate for the Poulton population.
- Observer bias.
- Genuine imbalances in the population, for example, due to migration of male adults away from Poulton.

## 3.2 Age at Death

Table 5 shows the range of techniques used to establish an age at death for each of the skeletons examined at Poulton, depending on the stage of development of the individual.

As many as possible of these attributes were assessed for each skeleton, depending on the available bones and their state of preservation, leading to an overall determination of minimum and maximum age at death.

Adults were then assigned to the following broad banded age categories [McKinley and Roberts, 1993]:

Young Adult: 18-25 years
Mature Adult: 26-45 years
Older Adult: >45 years

Subadults, who can be aged with greater precision, were assigned to the following categories:

<3 years
3-5 years
6-8 years
9-11 years
12-14 years
15-17 years

Finally, the results from previous analyses by external osteoarchaeologists (see Section 1) were incorporated to create a data set for all excavated skeletons.

Figure 2 shows the distribution of age at death for both adults and subadults irrespective of sex, while Figure 3 shows the data for adults only, subdivided by sex.

The rate of child mortality is shockingly high by the standards of the 21st century[4]: out of all the burials for which an age could be determined, 26% are for children under 9 years and 45% for subadults as a whole. Even if we include the burials which can be classified only as subadults or adults without a more precise age (in which

| | |
|---|---|
| Subadults | Development of the deciduous and permanent dentition [Buikstra & Ubelaker, 1994 ].<br>Fusion of the epiphyses [Mays, 2010: 58].<br>Diaphyseal length of the long bones [Scheuer and Black, 2000: 289;299;308;394;416;426]. |
| Adults | Dental wear [Brothwell, 1981: 72].<br>Pubic symphysis degeneration [Brooks and Suchey, 1990] .<br>Auricular surface degeneration [Lovejoy *et al*, 1985]. |

Table 5 – Techniques for assessing age at death

3 Although [Carpenter and Crane, 2003] reported a preponderance of males (57%), this was based on a much smaller sample of 47 sexed skeletons and was not statistically significant at the 5% level.

4 In England and Wales in 2008, 0.8% of deaths occurred at ages under 9 years, 1.0% at ages under 18 and only 4.4% at ages under 45 [Office for National Statistics, 2009: Tables 4a and 4b].

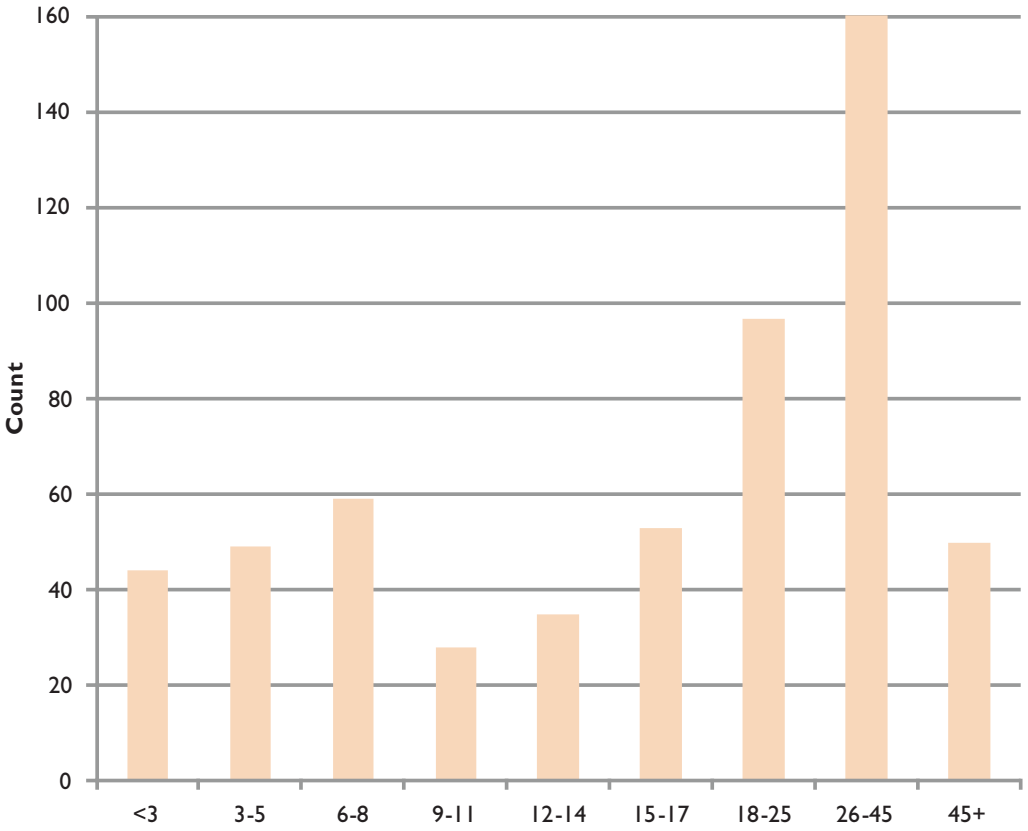



Figure 2 – Age at death for adults and subadults irrespective of sex

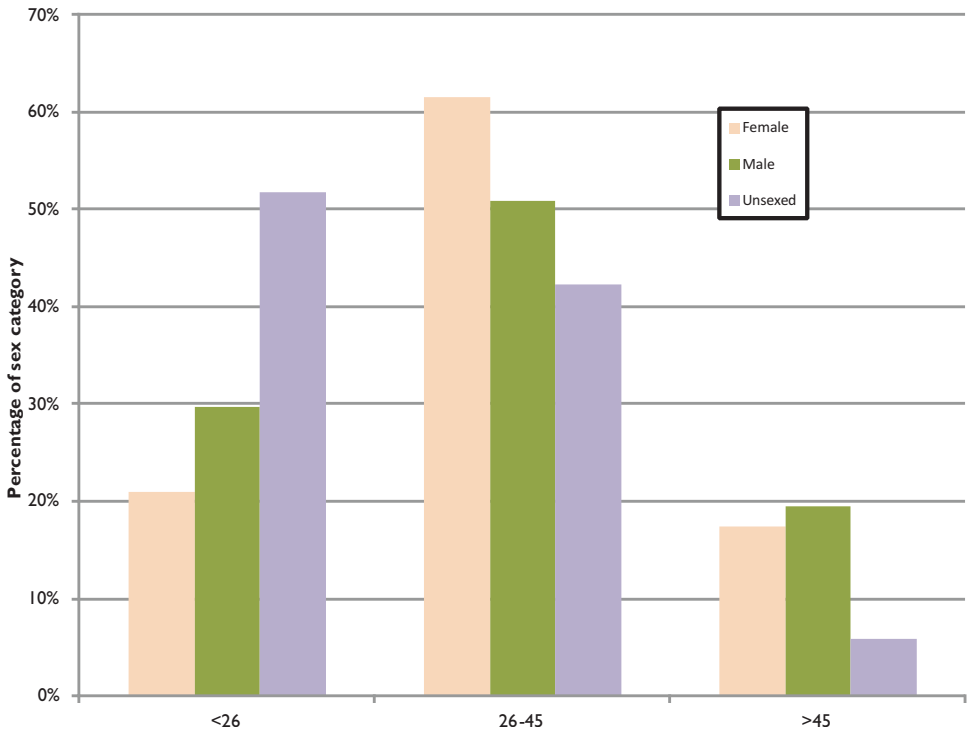



Figure 3 – Age at death for adults by sex

there is a much greater number of adults), the proportion of subadults is 42%. The true proportion may be even higher, since the remains of younger subadults may be overlooked during excavation, and are more prone to taphonomic damage than adult remains [Mays, 2010: 23]. However, this may not be a significant factor at Poulton since the proportion of subadults compares favourably with medieval cemetery excavations in general [Daniell, 1998: 124-125].

Only a small number of individuals (both male and female) appear to have survived past 45 years: they make up 8.5% of all the burials for which an age could be determined, and 15.5% of all adults with an assigned age. The proportion could be even higher if, as suggested by [Molleson and Cox, 1993], the techniques used underestimate adult age at death by up to 20-30 years. These results for Poulton do not compare well with the medieval population of Wharram Percy, where 40% of the adults lived to 50+ years [Mays, 2010: 84].

### 3.3 Stature

For adult skeletons, stature was estimated by measuring the lengths of the long bones (femur, tibia, fibula, humerus, radius and ulna) with an osteometric board to the nearest millimetre, and applying the 'American White' regression formulae of Trotter and Gleser [Brickley and McKinley, 2004: 33]. Bones with post-mortem fractures can be re-assembled and measured, provided the breaks are clean. Only long bones with a maximum of three fractures can be measured [Collis, 2004]

The set of regression formulae used depends on the sex of the individual. For each skeleton, the stature was calculated using as many as possible of the regression formulae, depending on the available bones. The various estimates were compared to check that there were no gross errors (e.g. a mistake in taking the measurement). The final value of the estimated stature was taken from the equation with the lowest standard error.

Although stature calculations had already been performed on some of the earliest material (see Section 1), statures were re-calculated for all these skeletons using the same principles as outlined above. The stature calculations reported in [Carpenter and Crane, 2003] had also been performed on a slightly different basis, and these too were re-calculated. This ensured that all the stature estimates were directly comparable.

| Sex | Mean | Range | S.D. | N |
|---|---|---|---|---|
| Male | 1.70m / 5' 7" | 1.56 – 1.84m | 0.05m | 78 |
| Female | 1.60m / 5' 3" | 1.46 – 1.74m | 0.06m | 99 |

Table 7 – Summary of adult stature

Stature could be calculated for 177 of the adult skeletons where relatively intact long bones were available and the sex could be determined. No attempt was made to determine the stature of subadults.

Figure 4 shows the height distribution subdivided by sex and grouped into 5cm bands. The stature data is summarised in Table 7.

Both male and female average heights are typical for the medieval period [Boylston and Weston, 2001; Roberts and Manchester, 1995: 27; Daniell, 1998: 134].

### 3.4 'Missing' Demographics

Two demographic 'classes' have not been observed: female deaths during pregnancy and immediate post-injury death.

Between 2006 and 2008, 261 women in the UK died directly or indirectly related to pregnancy [CMACE 2011]; a mortality rate of 11.39 per 100,000 maternities. On that data, and assuming every female excavated had been pregnant, we would have expected 0.016 deaths during maternity. The mortality rate would have to be 100 times higher or we need to excavate 14,100 female burials to expect to find a such a burial; the absence is not statistically significant.

We have skeletons with healed fractures. Some, like fractured clavicles, are unlikely to have been life-threatening; others, such a fracture of the tibia and fibula, could have been. Many of the healed fractures appear to have received some form of medical treatment; the alignment of the healed bones is too good to be accidental. Who gave this treatment is currently unclear and does not appear to be status related. However, to date we have yet to excavate a skeleton with an unhealed fracture. Did such injuries not occur or were the deaths from them buried elsewhere? Further investigation is required.

### 3.5 Further Demographic and Metrical Analysis

Further detailed demographic analysis will not be undertaken by the Poulton Project itself. At the time of writing, a Master of Philosophy project covering that area is in progress at Liverpool John Moores University.

Further metrical analysis of itself is not planned at stage. However, work to improve the outcome of the current metrical techniques is being considered. For example, work to reduce the number of 'ambiguous' or 'indeterminate' skeletons is being discussed. Whether this will be improving the discrimination of existing techniques or deploying new ones is to be determined.

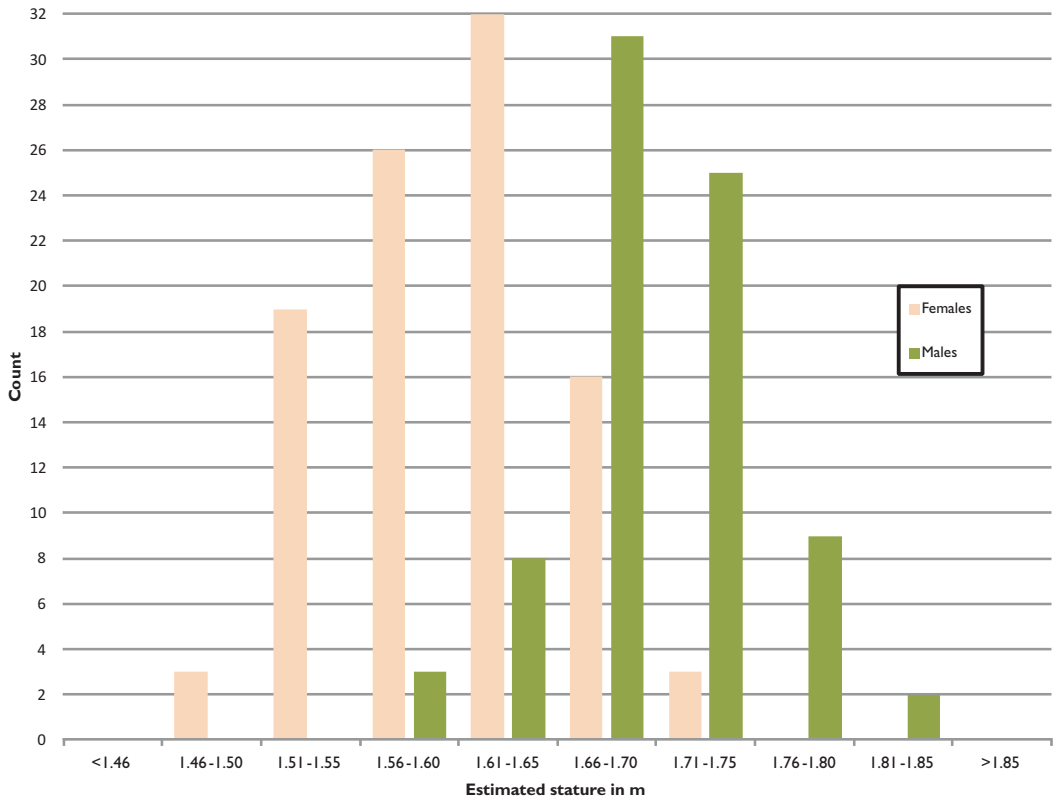



Figure 4 – Adult height

## 4. Taphonomy, Pathology and Non-Metric Traits

Any anomaly in the skeletal bone is worthy of investigation. Such anomalies are usually categorised as:

- Taphonomy, that is, post-mortem damage.
- Pathology, that is, malfunctioning living processes.
- Non-metric Traits, that is, variation in the morphology of the bones.

### 4.1 Taphonomy

Most of the skeletons excavated at Poulton exhibit some form of, often mild, taphonomy. Frequently this is post-mortem bone damage or fracture from the burial process, such skulls crushed from the weight of soil above. Intact crania are a rarity at Poulton. Other forms of 'natural' taphonomy such as root damage or 'artificial' damage by agriculture (e.g. plough damage) are not uncommon. However, it has been noticed that the state of bone preservation varies across the graveyard. This does not seem to relate to how long the burial has been in the ground but rather its location in the graveyard. There is a proposal that the state of bone preservation depends on the soil chemistry. This chemistry may be natural or the result of human activity. An unpublished, pilot study has been undertaken by [Aggrey, 2013] that suggests further investigation would be worthwhile.

### 4.2 Pathologies

Although a thorough analysis has not been undertaken of the diversity or frequency of pathologies at Poulton, a wide variety of pathologies have been identified but have yet to be quantified within our database. For the moment, here is a list of positively identified pathologies:

- Agenesis of the atlas,
- Bifid Rib,
- Calcified costal and thyroid cartilage,
- Cribia Orbitalia,
- Compression fractures of the thoracic vertebrae,
- Dental abscesses, caries and calculus,
- Dental enamel hypoplasia,
- Diffuse ideopathic skeletal hyperostosis (DISH),
- Femoral anteversion,
- Fused cervical vertebrae,
- Harris Lines,
- Healed fractures (Various locations),
- Lumbarisation,
- Osteoarthritis (Various locations),
- Osetomae (Various locations),
- Osteomylitis,
- Reriodontal disease,
- Periostitis,
- Pseudoarthrosis,
- Rickets,
- Sacralisation,

- Schmorl's nodes,
- Scoliosis,
- Spina bifita occulta,
- Spondylolysis of 5th lumbar vertebra.

### 4.3 Non-Metric Traits

Nonmetric traits are anomalies found within the range of normal anatomy in the human skeleton. They can include additional sutures, facets, bony processes or foramina that occur in a minority of skeletons and may be genetic or occupational. For example, a small hole in olecranon fossa of the distal humerus, known as a septal aperture [Finnegan, 1978] is asymptomatic and generally believed to be of genetic origin. On the other hand, squatting facets of the tibia are regarded as occupational. Both types of nonmetric traits are worthy of detailed study, but those assumed to be of genetic origin may provide a low-cost and non-destructive way of determining familiar relationships in an archaeological context.

The most cited work in this field is by [Berry and Berry 1967] who identified 30 nonmetric traits of the skull. Their study produced good results as far as distinguishing between the major ancestral groups and suggested that the use of nonmetric traits in the reflection of genetic differences could be used. This statement sparked further research by [Derish *et al.*, 1988] who studied nonmetric traits for geographic origin and evolutionary trends across and within various population groups. The assumption is that all traits will discriminate among populations making it easier to distinguish between different population groups. Further work by [Finnegan 1978], describes in detail the traits frequently seen in the postcranial skeleton but, the research is not as extensive as those produced on the skull. Saunders and Rainey (2008) show that the degree of relatedness suggests that population groups who share attributes are more closely related than groups expressing many differences. Therefore, the application of nonmetric skeletal analysis can be used to determine relatedness within a single population in a given archaeological context [Lane and Sublett, 1972] as well as between population groups.

The acceptance of analysing nonmetric traits within the human skeleton has enabled anthropologists to recreate biological relationships between population groups [Tyrell, 2000]. This process is low cost; the scoring is straight forward and is effective for use on fragmentary remains.

This work is currently in process by one of the authors for a Master of Philosophy (MPhil) with transfer possibility to Doctor of Philosophy (PhD). The research will examine the presence and frequency of nonmetric traits to identify possible familiar relationships. Some traits being recorded and analysed include:

- Accessory facets (Various locations),
- Deciduous retention,
- Extra cusps on dentition (Various),
- Humeral foramen,
- Occipital bun,
- Osteoma (Various),
- Peg teeth,
- Retention of the metopic suture,
- Sternal foramen,
- Squatting facets,
- Supra-orbital notches,
- Supra-orbital foramen,
- Supernumerary dentition (Various),
- Supernumerary vertebrae (Various),
- Third trochanter,
- Variations of articulating facets (Various locations),
- Wormian Bones (Various locations).

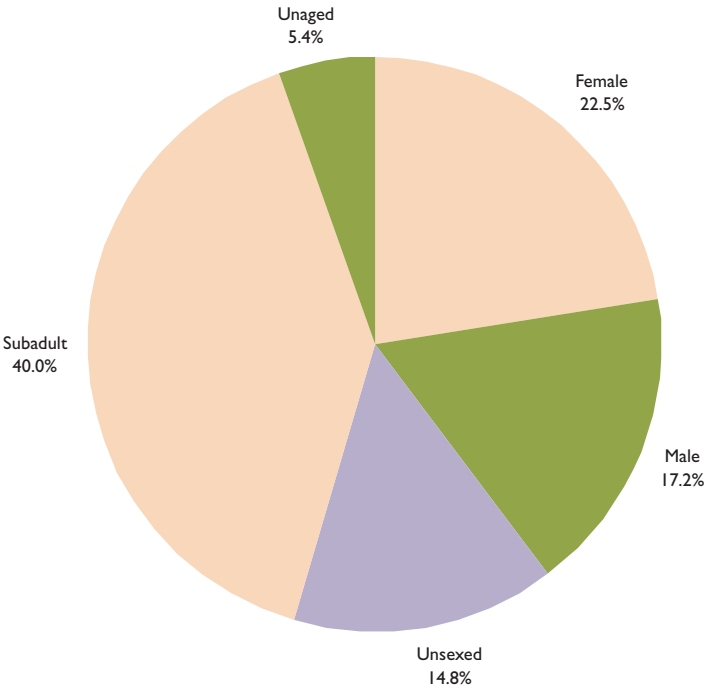



Figure 5 - Summary of excavated skeletons

Preliminary results are proving to be quite interesting. Osteomae appears to be a uniquely female trait whereas supernumerary vertebrae is largely a male trait. Other traits such as squatting facets are present on over a third of the population. A detailed report of the preliminary findings will be released in the near future.

## 5. Conclusions

A total of 627 human skeletons have been excavated at the Poulton chapel site between 1995 and the end of 2012, together with large quantities of disarticulated bone. They are all believed to date from the medieval period, although precise dates have only been determined for two examples.

Many of the burials have been considerably disturbed, often by other burials, making analysis and interpretation more complex. All of the undisturbed burials are aligned approximately east-west, generally in an extended supine position: all but three have their head to the west.

There is some evidence for shroud burials, and many of the grave fills contained significant quantities of building material from Roman and medieval periods which is not easy to explain. There is very little evidence of personal items being buried with the bodies.

Basic osteological data was already available ([Owens, 1998], [Quinney, 1996] [Roberts, 1998]), and [Carpenter & Crane 2010] or was generated by the present authors, for 627 skeletons. Sex, age at death and stature were assessed for all those skeletons for which the necessary material was available. A summary of the skeleton population is shown in Figure 5.

All results should be treated with some caution because of potential sampling errors. However, key points include:

- Amongst the adults there is an overall predominance of females which is statistically significant but as yet unexplained.
- 45% of deaths were subadults.
- 9% of those whose age could be determined lived more than 45 years.
- Average adult stature was 1.70m for males and 1.60m for females.

## 6. Suggestions for Further Research

Work is currently in progress by post-graduate students at Liverpool John Moores University:

- Improving age at death estimations for subadults through dental seriation, followed by a comparison to other age at death methods.
- Improving sex estimation ageing through seriation, a comparison of metrics and other sex methods.

There are opportunities for further research in several areas:

- Further carefully selected samples of skeletons should be $^{14}C$ dated in order to relate the burial sequences to the historical record.
- The underlying causes of the imbalance between male and female burials (Section 3.1) should be investigated.
- Continued efforts should be made to extract and amplify DNA from selected skeletons, in order to address questions such as the familial relationship between individuals in multiple burials.
- Analysis should be carried out to determine alternative sexual metrics for the Poulton population (e.g. using femoral head diameter, sacral index or talus sizing), and hence to attempt the sex determination of otherwise unsexed skeletons.
- A full pathology study should be undertaken.
- An overall aim to produce a tailored set of standards and metrics for the Poulton population.

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# Appendices

## Appendix 1. Results of Basic Skeletal Analysis

The results for all excavated skeletons are summarised in Table 8.

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 1 | 108 | Adult | Female | 30 | 40 | Years | 1.50 | Quinney, 1996 |
| 10 | 149 | Adult | Male | 25 | 25 | Years | 1.71 | Owens, 1998 |
| 13 | 167 | Adult | Male | 38 | 38 | Years | 1.76 | Owens, 1998 |
| 14 | 168 | Subadult | Indet. | 2.5 | 8.5 | Years | Indet. | Owens, 1998 |
| 15 | 169 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Owens, 1998 |
| 16 | 170 | Subadult | Indet. | 7.5 | 12 | Years | Indet. | Owens, 1998 |
| 17 | 171 | Adult | Male | 47 | 47 | Years | 1.65 | Owens, 1998 |
| 19 | 166 | Adult | Female | 54 | 54 | Years | 1.52 | Owens, 1998 |
| 20 | 172 | Subadult | Indet. | 7.5 | 17 | Years | Indet. | Owens, 1998 |
| 23 | 194 | Adult | Male | 35 | 35 | Years | 1.64 | Owens, 1998 |
| 24 | 400 | Adult | Male | 48 | 48 | Years | 1.70 | Owens, 1998 |
| 25 | 403 | Subadult | Indet. | 9.5 | 15.5 | Years | Indet. | Owens, 1998 |
| 29 | 412 | Adult | Male | 40 | 40 | Years | 1.66 | Owens, 1998 |
| 30 | 415 | Adult | Male | 25 | 25 | Years | Indet. | Owens, 1998 |
| 32 | 417 | Adult | Male | 26 | 26 | Years | 1.73 | Owens, 1998 |
| 37 | 440 | Subadult | Indet. | 8 | 8 | Years | Indet. | Owens, 1998 |
| 38 | 441 | Adult | Male | 55 | Indet. | Years | Indet. | Owens, 1998 |
| 39 | 442 | Subadult | Indet. | 3.5 | 4 | Years | Indet. | Owens, 1998 |
| 41 | 455 | Adult | Female | 30 | 34 | Years | 1.52 | Carpenter & Crane, 2010 |
| 45 | 470 | Adult | Female | 25 | Indet. | Years | 1.63 | Carpenter & Crane, 2003 |
| 46 | 479 | Adult | Male | 45 | Indet. | Years | 1.72 | Carpenter & Crane, 2003 |
| 47 | 485 | Subadult | Ambig. | 12 | 16 | Years | Indet. | Carpenter & Crane, 2003 |
| 48 | 499 | Adult | Male | 30 | 40 | Years | 1.66 | Carpenter & Crane, 2003 |
| 49 | 504 | Subadult | Indet. | 6 | 16 | Months | Indet. | Carpenter & Crane, 2003 |
| 50 | 513 | Adult | Male | 45 | Indet. | Years | 1.75 | Carpenter & Crane, 2003 |
| 53 | 529 | Adult | Male | 40 | 60 | Years | 1.80 | Roberts, 1998 |
| 54 | 534 | Adult | Ambig. | 25 | 35 | Years | Indet. | Carpenter & Crane, 2003 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 58 | 612 | Adult | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 59 | 623 | Subadult | Indet. | Indet. | 1 | Years | Indet. | Burrell & Carpenter, 2013 |
| 60 | 626 | Adult | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 61 | 629 | Adult | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 62 | 632 | Adult | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 63 | 635 | Adult | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 64 | 641 | Adult | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 66 | 647 | Subadult | Indet. | 8 | 16 | Months | Indet. | Carpenter & Crane, 2003 |
| 67 | 648 | Adult | Female | 30 | 40 | Years | 1.61 | Carpenter & Crane, 2003 |
| 81 | 706 | Adult | Male | 20 | Indet. | Years | 1.69 | Carpenter & Crane, 2003 |
| 82 | 707 | Adult | Male | 30 | 40 | Years | 1.78 | Carpenter & Crane, 2003 |
| 83 | 708 | Adult | Indet. | 20 | 30 | Years | Indet. | Carpenter & Crane, 2003 |
| 84 | 709 | Adult | Male | 35 | 45 | Years | 1.69 | Carpenter & Crane, 2003 |
| 85 | 718 | Adult | Male | 16 | Indet. | Years | 1.70 | Carpenter & Crane, 2003 |
| 86 | 727 | Adult | Female | 21 | Indet. | Years | 1.64 | Carpenter & Crane, 2003 |
| 87 | 732 | Subadult | Indet. | 8 | 16 | Months | Indet. | Carpenter & Crane, 2003 |
| 88 | 745 | Subadult | Indet. | 3 | 9 | Months | Indet. | Carpenter & Crane, 2003 |
| 89 | 747 | Subadult | Indet. | 2 | 6 | Years | Indet. | Carpenter & Crane, 2003 |
| 90 | 760 | Adult | Female | 25 | 35 | Years | 1.64 | Carpenter & Crane, 2003 |
| 91 | 763 | Adult | Male | 25 | 25 | Years | 1.79 | Carpenter & Crane, 2003 |
| 92 | 764 | Indet. | Indet. | Indet. | Indet. | Indet. | Indet. | Carpenter & Crane, 2003 |
| 93 | 765 | Adult | Female | 21 | Indet. | Years | 1.58 | Carpenter & Crane, 2003 |
| 94 | 774 | Adult | Male | 19 | Indet. | Years | Indet. | Carpenter & Crane, 2003 |
| 95 | 805 | Adult | Female | 30 | 40 | Years | 1.53 | Carpenter & Crane, 2003 |
| 96 | 808 | Adult | Female | 35 | 45 | Years | 1.62 | Carpenter & Crane, 2003 |
| 97 | 811 | Adult | Female | 35 | 45 | Years | 1.58 | Carpenter & Crane, 2003 |
| 98 | 814 | Subadult | Indet. | Indet. | 16 | Years | Indet. | Carpenter & Crane, 2003 |
| 100 | 818 | Adult | Female | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2003 |
| 102 | 822 | Adult | Female | 15 | 21 | Years | 1.62 | Carpenter & Crane, 2003 |
| 103 | 859 | Adult | Female | 30 | 40 | Years | 1.56 | Carpenter & Crane, 2003 |
| 104 | 861 | Subadult | Indet. | 4.5 | 8.5 | Years | Indet. | Carpenter & Crane, 2003 |
| 105 | 862 | Subadult | Indet. | 6 | 12 | Months | Indet. | Carpenter & Crane, 2003 |
| 106 | 847 | Subadult | Indet. | Indet. | 16 | Years | Indet. | Carpenter & Crane, 2003 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 107 | 860 | Subadult | Indet. | 7 | 10 | Years | Indet. | Carpenter & Crane, 2003 |
| 108 | 871 | Adult | Female | 21 | Indet. | Years | 1.62 | Carpenter & Crane, 2003 |
| 109 | 872 | Adult | Male | 35 | 45 | Years | Indet. | Carpenter & Crane, 2003 |
| 110 | 873 | Adult | Female | 35 | 45 | Years | 1.62 | Carpenter & Crane, 2003 |
| 112 | 878 | Adult | Female | 30 | 40 | Years | 1.56 | Carpenter & Crane, 2003 |
| 113 | 928 | Adult | Female | 50 | 59 | Years | 1.59 | Burrell & Carpenter, 2013 |
| 114 | 901 | Adult | Female | 35 | 45 | Years | Indet. | Carpenter & Crane, 2003 |
| 115 | 902 | Subadult | Female | 16 | 18 | Years | Indet. | Carpenter & Crane, 2003 |
| 116 | 920 | Adult | Female | 25 | 35 | Years | 1.52 | Carpenter & Crane, 2003 |
| 119 | 929 | Adult | Male | 25 | 35 | Years | 1.68 | Burrell & Carpenter, 2013 |
| 120 | 930 | Adult | Male | 17 | Indet. | Years | 1.69 | Carpenter & Crane, 2003 |
| 121 | 933 | Adult | Male | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2003 |
| 122 | 934 | Adult | Male | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2003 |
| 123 | 935 | Adult | Male | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2003 |
| 124 | 936 | Subadult | Indet. | 1.5 | 5 | Years | Indet. | Carpenter & Crane, 2003 |
| 125 | 939 | Adult | Ambig. | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2003 |
| 126 | 942 | Subadult | Indet. | 3 | 5 | Years | Indet. | Carpenter & Crane, 2003 |
| 127 | 948 | Subadult | Indet. | Indet. | 16 | Years | Indet. | Carpenter & Crane, 2010 |
| 128 | 945 | Subadult | Indet. | Indet. | 16 | Years | Indet. | Carpenter & Crane, 2010 |
| 129 | 958 | Subadult | Indet. | 9 | 10 | Years | Indet. | Carpenter & Crane, 2010 |
| 130 | 961 | Subadult | Indet. | 4 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 131 | 964 | Adult | Ambig. | 40 | 44 | Years | Indet. | Carpenter & Crane, 2010 |
| 132 | 967 | Adult | Female | 35 | 45 | Years | 1.64 | Carpenter & Crane, 2010 |
| 133 | 970 | Adult | Female | 30 | 40 | Years | 1.58 | Carpenter & Crane, 2010 |
| 134 | 977 | Adult | Indet. | 15 | 25 | Years | Indet. | Carpenter & Crane, 2010 |
| 138 | 1104 | Subadult | Ambig. | 15 | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 139 | 1105 | Subadult | Indet. | 3 | 6 | Years | Indet. | Carpenter & Crane, 2010 |
| 140 | 1106 | Adult | Male | 25 | 35 | Years | 1.69 | Carpenter & Crane, 2010 |
| 142 | 1108 | Subadult | Indet. | 13 | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 143 | 1109 | Subadult | Indet. | 12 | 18 | Years | Indet. | Carpenter & Crane, 2010 |
| 144 | 1110 | Subadult | Indet. | 5 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 145 | 1111 | Subadult | Indet. | 5 | 6 | Years | Indet. | Carpenter & Crane, 2010 |
| 146 | 1112 | Subadult | Indet. | 3 | 4 | Years | Indet. | Carpenter & Crane, 2010 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 147 | 1113 | Subadult | Indet. | 4 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 148 | 1114 | Subadult | Indet. | 7 | 11 | Years | Indet. | Carpenter & Crane, 2010 |
| 149 | 1115 | Subadult | Indet. | 16 | 32 | Months | Indet. | Carpenter & Crane, 2010 |
| 150 | 1116 | Subadult | Indet. | 6 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 151 | 1117 | Subadult | Indet. | 6 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 152 | 1118 | Subadult | Indet. | 14 | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 153 | 1187 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 154 | 1188 | Subadult | Indet. | 12 | 16 | Years | Indet. | Carpenter & Crane, 2010 |
| 155 | 1119 | Adult | Female | 35 | 45 | Years | 1.72 | Carpenter & Crane, 2010 |
| 156 | 1120 | Adult | Male | 30 | 40 | Years | 1.70 | Carpenter & Crane, 2010 |
| 157 | 1121 | Subadult | Indet. | 4 | 5 | Years | Indet. | Carpenter & Crane, 2010 |
| 158 | 1122 | Adult | Indet. | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 159 | 1123 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 160 | 1124 | Indet. | Indet. | 14 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 161 | 1125 | Adult | Female | 25 | 35 | Years | 1.64 | Carpenter & Crane, 2010 |
| 162 | 1126 | Subadult | Indet. | 6 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 163 | 1127 | Indet. | Indet. | 14 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 164 | 1128 | Subadult | Indet. | 8 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 165 | 1129 | Adult | Female | 21 | 23 | Years | 1.54 | Carpenter & Crane, 2010 |
| 166 | 1130 | Adult | Female | 45 | Indet. | Years | 1.63 | Carpenter & Crane, 2010 |
| 167 | 1131 | Subadult | Indet. | 0 | 1 | Years | Indet. | Carpenter & Crane, 2010 |
| 168 | 1132 | Subadult | Indet. | 2 | 4 | Years | Indet. | Carpenter & Crane, 2010 |
| 169 | 1133 | Adult | Female | 35 | 45 | Years | 1.68 | Carpenter & Crane, 2010 |
| 170 | 1189 | Adult | Male | 25 | 35 | Years | Indet. | Carpenter & Crane, 2010 |
| 171 | 1190 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 172 | 1134 | Subadult | Indet. | 4 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 173 | 1135 | Adult | Female | 25 | 35 | Years | 1.62 | Carpenter & Crane, 2010 |
| 174 | 1191 | Adult | Ambig. | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 175 | 1136 | Subadult | Indet. | 7 | 11 | Years | Indet. | Carpenter & Crane, 2010 |
| 176 | 1137 | Adult | Ambig. | 35 | 45 | Years | Indet. | Carpenter & Crane, 2010 |
| 177 | 1138 | Adult | Female | 18 | Indet. | Years | 1.46 | Carpenter & Crane, 2010 |
| 178 | 1139 | Subadult | Indet. | 15 | 18 | Years | Indet. | Carpenter & Crane, 2010 |
| 179 | 1140 | Subadult | Indet. | 4 | 8 | Years | Indet. | Carpenter & Crane, 2010 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 180 | 1141 | Adult | Female | 25 | 45 | Years | 1.57 | Carpenter & Crane, 2010 |
| 181 | 1142 | Subadult | Indet. | 7 | 11 | Years | Indet. | Carpenter & Crane, 2010 |
| 182 | 1143 | Indet. | Indet. | 14 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 183 | 1144 | Subadult | Indet. | 4 | 6 | Years | Indet. | Carpenter & Crane, 2010 |
| 184 | 1145 | Subadult | Indet. | 7 | 9 | Years | Indet. | Carpenter & Crane, 2010 |
| 185 | 1146 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 186 | 1177 | Adult | Female | 35 | 45 | Years | 1.57 | Carpenter & Crane, 2010 |
| 187 | 1192 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 188 | 1193 | Adult | Female | 25 | 25 | Years | Indet. | Carpenter & Crane, 2010 |
| 189 | 1194 | Adult | Female | 35 | 45 | Years | Indet. | Carpenter & Crane, 2010 |
| 192 | 1147 | Subadult | Indet. | 3 | 5 | Years | Indet. | Carpenter & Crane, 2010 |
| 193 | 1171 | Adult | Female | 18 | 21 | Years | 1.61 | Carpenter & Crane, 2010 |
| 194 | 1148 | Subadult | Ambig. | 14 | 18 | Years | Indet. | Carpenter & Crane, 2010 |
| 195 | 1174 | Subadult | Indet. | 7 | 11 | Years | Indet. | Carpenter & Crane, 2010 |
| 196 | 1102 | Adult | Female | 45 | Indet. | Years | 1.62 | Carpenter & Crane, 2010 |
| 197 | 1173 | Subadult | Indet. | 4 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 198 | 1156 | Subadult | Indet. | 8 | 12 | Years | Indet. | Carpenter & Crane, 2010 |
| 200 | 1163 | Adult | Female | 25 | 35 | Years | 1.71 | Carpenter & Crane, 2010 |
| 201 | 1197 | Subadult | Indet. | Indet. | 16 | Years | Indet. | Carpenter & Crane, 2010 |
| 202 | 1331 | Adult | Female | 18 | Indet. | Years | 1.68 | Carpenter & Crane, 2010 |
| 203 | 1179 | Adult | Female | 25 | 35 | Years | 1.68 | Carpenter & Crane, 2010 |
| 204 | 1180 | Adult | Male | 25 | 35 | Years | 1.75 | Carpenter & Crane, 2010 |
| 205 | 1198 | Adult | Ambig. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 206 | 1199 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 207 | 1205 | Adult | Male | 25 | Indet. | Years | 1.72 | Carpenter & Crane, 2010 |
| 209 | 1206 | Adult | Ambig. | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 210 | 1209 | Subadult | Indet. | 6.5 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 212 | 1212 | Adult | Male | 30 | 40 | Years | 1.62 | Carpenter & Crane, 2010 |
| 213 | 1216 | Subadult | Indet. | 5 | 9 | Years | Indet. | Carpenter & Crane, 2010 |
| 214 | 1217 | Subadult | Indet. | 1 | 2 | Years | Indet. | Carpenter & Crane, 2010 |
| 215 | 1221 | Adult | Male | 45 | Indet. | Years | 1.77 | Carpenter & Crane, 2010 |
| 216 | 1226 | Subadult | Indet. | 8 | 10 | Years | Indet. | Carpenter & Crane, 2010 |
| 217 | 1228 | Subadult | Indet. | 15 | 18 | Years | Indet. | Carpenter & Crane, 2010 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 218 | 1230 | Subadult | Indet. | 8 | 12 | Years | Indet. | Carpenter & Crane, 2010 |
| 219 | 1234 | Adult | Male | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 220 | 1235 | Subadult | Indet. | 15 | 19 | Years | Indet. | Carpenter & Crane, 2010 |
| 221 | 1243 | Subadult | Indet. | 1 | 2 | Years | Indet. | Carpenter & Crane, 2010 |
| 222 | 1248 | Adult | Female | 45 | Indet. | Years | 1.68 | Carpenter & Crane, 2010 |
| 223 | 1251 | Adult | Indet. | 21 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 224 | 1253 | Subadult | Indet. | 9 | 15 | Years | Indet. | Carpenter & Crane, 2010 |
| 225 | 1255 | Adult | Male | 16 | Indet. | Years | 1.70 | Carpenter & Crane, 2010 |
| 226 | 1261 | Adult | Female | 45 | Indet. | Years | 1.53 | Carpenter & Crane, 2010 |
| 227 | 1263 | Adult | Ambig. | 30 | 40 | Years | Indet. | Carpenter & Crane, 2010 |
| 228 | 1265 | Adult | Ambig. | 35 | 45 | Years | Indet. | Carpenter & Crane, 2010 |
| 229 | 1271 | Subadult | Indet. | 7 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 230 | 1273 | Adult | Female | 25 | 35 | Years | 1.69 | Carpenter & Crane, 2010 |
| 231 | 1275 | Subadult | Indet. | 5 | 9 | Years | Indet. | Carpenter & Crane, 2010 |
| 232 | 1277 | Indet. | Indet. | Indet. | Indet. | Indet. | Indet. | Carpenter & Crane, 2010 |
| 233 | 1281 | Subadult | Indet. | 6 | 9 | Months | Indet. | Carpenter & Crane, 2010 |
| 234 | 1283 | Subadult | Indet. | 15 | 16 | Years | Indet. | Carpenter & Crane, 2010 |
| 235 | 1289 | Subadult | Indet. | 3 | 5 | Years | Indet. | Carpenter & Crane, 2010 |
| 236 | 1290 | Subadult | Indet. | 8 | 16 | Months | Indet. | Carpenter & Crane, 2010 |
| 237 | 1293 | Subadult | Indet. | 4 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 238 | 1295 | Adult | Indet. | 16 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 239 | 1299 | Adult | Indet. | 25 | 35 | Years | Indet. | Carpenter & Crane, 2010 |
| 240 | 1301 | Subadult | Indet. | 4.5 | 8.5 | Years | Indet. | Carpenter & Crane, 2010 |
| 241 | 1302 | Subadult | Indet. | 3 | 5 | Years | Indet. | Carpenter & Crane, 2010 |
| 242 | 1303 | Indet. | Indet. | 15 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 243 | 1308 | Adult | Indet. | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 244 | 1309 | Adult | Female | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 245 | 1313 | Subadult | Indet. | 8.5 | 13.5 | Years | Indet. | Carpenter & Crane, 2010 |
| 246 | 1319 | Adult | Indet. | 35 | 45 | Years | Indet. | Carpenter & Crane, 2010 |
| 247 | 1321 | Subadult | Indet. | 7 | 11 | Years | Indet. | Carpenter & Crane, 2010 |
| 248 | 1325 | Subadult | Indet. | 12 | 15 | Years | Indet. | Carpenter & Crane, 2010 |
| 249 | 1328 | Adult | Female | 45 | Indet. | Years | 1.53 | Carpenter & Crane, 2010 |
| 250 | 1330 | Adult | Ambig. | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 251 | 1335 | Subadult | Indet. | 4 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 252 | 1340 | Adult | Ambig. | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 253 | 1345 | Subadult | Indet. | 7 | 11 | Years | Indet. | Carpenter & Crane, 2010 |
| 254 | 1346 | Indet. | Indet. | 14 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 255 | 1354 | Subadult | Indet. | 6 | 10 | Years | Indet. | Carpenter & Crane, 2010 |
| 256 | 1358 | Adult | Female | 18 | Indet. | Years | 1.59 | Carpenter & Crane, 2010 |
| 257 | 1360 | Subadult | Indet. | 3 | 5 | Years | Indet. | Carpenter & Crane, 2010 |
| 258 | 1362 | Subadult | Indet. | 2 | 4 | Years | Indet. | Carpenter & Crane, 2010 |
| 259 | 1364 | Adult | Female | 16 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 260 | 1367 | Adult | Male | 25 | 25 | Years | 1.67 | Carpenter & Crane, 2010 |
| 261 | 1370 | Subadult | Indet. | 7 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 262 | 1375 | Adult | Female | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 263 | 1377 | Adult | Ambig. | 35 | 45 | Years | Indet. | Carpenter & Crane, 2010 |
| 264 | 1379 | Subadult | Indet. | 3 | 3 | Years | Indet. | Carpenter & Crane, 2010 |
| 265 | 1389 | Adult | Ambig. | 21 | 25 | Years | Indet. | Carpenter & Crane, 2010 |
| 266 | 1391 | Adult | Female | 25 | 35 | Years | Indet. | Carpenter & Crane, 2010 |
| 267 | 1393 | Subadult | Female | 12 | 15 | Years | Indet. | Carpenter & Crane, 2010 |
| 268 | 1394 | Adult | Female | 45 | Indet. | Years | 1.53 | Carpenter & Crane, 2010 |
| 269 | 1397 | Adult | Female | 25 | 35 | Years | 1.57 | Carpenter & Crane, 2010 |
| 270 | 1411 | Adult | Male | 17 | Indet. | Years | 1.72 | Carpenter & Crane, 2010 |
| 271 | 1422 | Adult | Male | 35 | 45 | Years | 1.70 | Carpenter & Crane, 2010 |
| 274 | 1429 | Adult | Female | 25 | 45 | Years | 1.57 | Carpenter & Crane, 2010 |
| 275 | 1431 | Adult | Ambig. | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 277 | 1439 | Adult | Female | 25 | 35 | Years | 1.74 | Carpenter & Crane, 2010 |
| 278 | 1441 | Subadult | Female | 15 | 19 | Years | 1.51 | Carpenter & Crane, 2010 |
| 279 | 1443 | Subadult | Indet. | 8 | 16 | Months | Indet. | Carpenter & Crane, 2010 |
| 280 | 1450 | Adult | Male | 25 | 35 | Years | 1.66 | Carpenter & Crane, 2010 |
| 281 | 1456 | Subadult | Indet. | 4 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 282 | 1460 | Indet. | Indet. | 14 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 283 | 1468 | Indet. | Indet. | 14 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 284 | 1471 | Indet. | Indet. | 14 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 285 | 1473 | Indet. | Indet. | 13 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 286 | 1485 | Adult | Ambig. | 40 | 49 | Years | Indet. | Carpenter & Crane, 2010 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 287 | 1487 | Subadult | Indet. | 4 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 288 | 1490 | Adult | Male | 35 | 45 | Years | 1.68 | Carpenter & Crane, 2010 |
| 289 | 1492 | Subadult | Indet. | 3 | 9 | Months | Indet. | Carpenter & Crane, 2010 |
| 290 | 1494 | Subadult | Indet. | 0 | 0 | Years | Indet. | Carpenter & Crane, 2010 |
| 291 | 1499 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 292 | 1503 | Adult | Male | 45 | Indet. | Years | 1.78 | Carpenter & Crane, 2010 |
| 293 | 1506 | Adult | Female | 30 | 40 | Years | 1.63 | Carpenter & Crane, 2010 |
| 294 | 1508 | Subadult | Indet. | 3 | 5 | Years | Indet. | Carpenter & Crane, 2010 |
| 295 | 1511 | Adult | Ambig. | 18 | 25 | Years | Indet. | Carpenter & Crane, 2010 |
| 296 | 1515 | Adult | Female | 35 | 45 | Years | 1.57 | Carpenter & Crane, 2010 |
| 297 | 1517 | Adult | Female | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 298 | 1523 | Adult | Male | 35 | 45 | Years | 1.70 | Carpenter & Crane, 2010 |
| 299 | 1525 | Subadult | Indet. | 8 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 300 | 1531 | Subadult | Indet. | 4 | 5 | Years | Indet. | Carpenter & Crane, 2010 |
| 301 | 1534 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 302 | 1537 | Subadult | Indet. | 12 | 16 | Years | Indet. | Carpenter & Crane, 2010 |
| 303 | 1541 | Adult | Ambig. | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 304 | 1543 | Adult | Female | 25 | 35 | Years | Indet. | Carpenter & Crane, 2010 |
| 305 | 1545 | Adult | Male | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 306 | 1547 | Adult | Female | 35 | 45 | Years | 1.58 | Carpenter & Crane, 2010 |
| 307 | 1549 | Subadult | Indet. | 9 | 11 | Years | Indet. | Carpenter & Crane, 2010 |
| 308 | 1566 | Subadult | Indet. | 13 | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 309 | 1569 | Adult | Female | 30 | 40 | Years | Indet. | Carpenter & Crane, 2010 |
| 310 | 1570 | Adult | Male | 45 | Indet. | Years | 1.75 | Carpenter & Crane, 2010 |
| 311 | 1572 | Adult | Ambig. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 312 | 1576 | Adult | Female | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 313 | 1578 | Adult | Female | 45 | Indet. | Years | 1.65 | Carpenter & Crane, 2010 |
| 314 | 1582 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 315 | 1584 | Adult | Indet. | 25 | 35 | Years | Indet. | Carpenter & Crane, 2010 |
| 316 | 1587 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 317 | 1592 | Subadult | Indet. | 2 | 5 | Years | Indet. | Carpenter & Crane, 2010 |
| 318 | 1595 | Adult | Male | 35 | 45 | Years | 1.68 | Carpenter & Crane, 2010 |
| 319 | 1606 | Adult | Female | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 320 | 1608 | Subadult | Indet. | 12 | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 321 | 1615 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 322 | 1616 | Subadult | Indet. | 12 | 18 | Years | Indet. | Carpenter & Crane, 2010 |
| 323 | 1618 | Adult | Male | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 324 | 1621 | Adult | Female | 45 | Indet. | Years | 1.58 | Carpenter & Crane, 2010 |
| 325 | 1623 | Adult | Female | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 326 | 1626 | Subadult | Indet. | 2 | 3 | Years | Indet. | Carpenter & Crane, 2010 |
| 327 | 1628 | Subadult | Indet. | 3 | 5 | Years | Indet. | Carpenter & Crane, 2010 |
| 328 | 1637 | Adult | Ambig. | 16 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 329 | 1642 | Subadult | Indet. | 12 | 16 | Years | Indet. | Carpenter & Crane, 2010 |
| 330 | 1644 | Adult | Female | 35 | 45 | Years | Indet. | Carpenter & Crane, 2010 |
| 331 | 1646 | Adult | Female | 45 | Indet. | Years | 1.58 | Carpenter & Crane, 2010 |
| 332 | 1651 | Subadult | Indet. | 7.5 | 12.5 | Years | Indet. | Carpenter & Crane, 2010 |
| 333 | 1652 | Subadult | Indet. | 4.5 | 8.5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 334 | 1654 | Adult | Indet. | 21 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 335 | 1660 | Subadult | Indet. | 14 | 16 | Years | Indet. | Carpenter & Crane, 2010 |
| 336 | 1662 | Adult | Male | 45 | Indet. | Years | 1.69 | Carpenter & Crane, 2010 |
| 337 | 1669 | Adult | Female | 35 | 45 | Years | 1.57 | Carpenter & Crane, 2010 |
| 338 | 1673 | Adult | Female | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 339 | 1676 | Adult | Male | 18 | Indet. | Years | 1.73 | Carpenter & Crane, 2010 |
| 340 | 1684 | Adult | Female | 35 | 45 | Years | 1.68 | Carpenter & Crane, 2010 |
| 341 | 1687 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 342 | 1693 | Adult | Male | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 343 | 1694 | Adult | Ambig. | 35 | 45 | Years | Indet. | Carpenter & Crane, 2010 |
| 344 | 1696 | Adult | Female | 30 | 40 | Years | 1.53 | Carpenter & Crane, 2010 |
| 345 | 1699 | Subadult | Indet. | 16 | 32 | Months | Indet. | Carpenter & Crane, 2010 |
| 346 | 1701 | Adult | Male | 30 | 40 | Years | 1.65 | Carpenter & Crane, 2010 |
| 347 | 1703 | Adult | Ambig. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 348 | 1705 | Adult | Ambig. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 349 | 1711 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 350 | 1712 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 351 | 1713 | Subadult | Indet. | 2 | 4 | Years | Indet. | Carpenter & Crane, 2010 |
| 352 | 1716 | Adult | Male | 18 | 25 | Years | Indet. | Carpenter & Crane, 2010 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 353 | 1719 | Subadult | Indet. | 4 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 354 | 1721 | Adult | Male | 45 | Indet. | Years | 1.73 | Carpenter & Crane, 2010 |
| 355 | 1723 | Adult | Female | 40 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 356 | 1725 | Adult | Ambig. | 50 | 59 | Years | Indet. | Carpenter & Crane, 2010 |
| 357 | 1727 | Adult | Indet. | 40 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 358 | 1729 | Adult | Female | 45 | Indet. | Years | 1.56 | Carpenter & Crane, 2010 |
| 359 | 1732 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 360 | 1734 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 361 | 1739 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 362 | 1741 | Subadult | Indet. | 6 | 10 | Years | Indet. | Carpenter & Crane, 2010 |
| 363 | 1743 | Subadult | Indet. | 4 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 364 | 1745 | Subadult | Indet. | 5 | 9 | Years | Indet. | Carpenter & Crane, 2010 |
| 365 | 1747 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 366 | 1748 | Adult | Ambig. | 18 | 19 | Years | Indet. | Carpenter & Crane, 2010 |
| 367 | 1751 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 368 | 1753 | Adult | Indet. | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 369 | 1757 | Adult | Female | 30 | 40 | Years | Indet. | Carpenter & Crane, 2010 |
| 370 | 1759 | Subadult | Indet. | 6 | 10 | Years | Indet. | Carpenter & Crane, 2010 |
| 371 | 1761 | Adult | Female | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 372 | 1781 | Adult | Male | 45 | Indet. | Years | 1.71 | Carpenter & Crane, 2010 |
| 373 | 1785 | Subadult | Indet. | 6 | 10 | Years | Indet. | Carpenter & Crane, 2010 |
| 374 | 1788 | Subadult | Indet. | 15 | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 375 | 1790 | Adult | Female | 45 | Indet. | Years | 1.67 | Carpenter & Crane, 2010 |
| 376 | 1792 | Adult | Female | 35 | 45 | Years | Indet. | Carpenter & Crane, 2010 |
| 377 | 1794 | Adult | Indet. | 25 | 35 | Years | Indet. | Carpenter & Crane, 2010 |
| 378 | 1799 | Indet. | Indet. | Indet. | Indet. | Indet. | Indet. | Carpenter & Crane, 2010 |
| 379 | 1801 | Adult | Male | 18 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 380 | 1803 | Adult | Female | 35 | 45 | Years | 1.49 | Carpenter & Crane, 2010 |
| 381 | 1808 | Adult | Ambig. | 35 | 45 | Years | Indet. | Carpenter & Crane, 2010 |
| 382 | 1810 | Adult | Female | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 383 | 1811 | Adult | Female | 45 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 384 | 1813 | Adult | Female | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 385 | 1814 | Adult | Female | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 386 | 1815 | Adult | Male | 45 | 49 | Years | 1.71 | Carpenter & Crane, 2010 |
| 387 | 1817 | Indet. | Indet. | 13 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 388 | 1819 | Subadult | Indet. | 3.5 | 7.5 | Years | Indet. | Carpenter & Crane, 2010 |
| 389 | 1821 | Subadult | Indet. | Indet. | 15 | Years | Indet. | Carpenter & Crane, 2010 |
| 390 | 1823 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 391 | 1824 | Adult | Female | 25 | 35 | Years | Indet. | Carpenter & Crane, 2010 |
| 392 | 1829 | Adult | Female | 35 | 45 | Years | 1.59 | Carpenter & Crane, 2010 |
| 393 | 1830 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 394 | 1834 | Subadult | Indet. | 7 | 8 | Years | Indet. | Carpenter & Crane, 2010 |
| 395 | 1836 | Adult | Female | 40 | 50 | Years | 1.55 | Carpenter & Crane, 2010 |
| 396 | 1841 | Adult | Female | 50 | 59 | Years | Indet. | Carpenter & Crane, 2010 |
| 397 | 1843 | Adult | Female | 35 | 45 | Years | Indet. | Carpenter & Crane, 2010 |
| 398 | 1845 | Subadult | Indet. | 4 | 4 | Years | Indet. | Carpenter & Crane, 2010 |
| 399 | 1848 | Subadult | Indet. | 3 | 5 | Years | Indet. | Carpenter & Crane, 2010 |
| 400 | 1850 | Subadult | Indet. | 5 | 6 | Years | Indet. | Carpenter & Crane, 2010 |
| 401 | 1855 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 402 | 1857 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 403 | 1859 | Adult | Female | 50 | 59 | Years | 1.62 | Carpenter & Crane, 2010 |
| 404 | 1862 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 405 | 1865 | Indet. | Indet. | 14 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 406 | 1869 | Adult | Ambig. | 45 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 407 | 1871 | Subadult | Indet. | 6 | 10 | Years | Indet. | Carpenter & Crane, 2010 |
| 408 | 1873 | Adult | Male | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 409 | 1874 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 410 | 1876 | Subadult | Indet. | Indet. | 17 | Years | Indet. | Carpenter & Crane, 2010 |
| 411 | 1878 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 412 | 1884 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 413 | 1885 | Subadult | Indet. | 5 | 6 | Years | Indet. | Carpenter & Crane, 2010 |
| 414 | 1888 | Subadult | Indet. | 12 | 18 | Years | Indet. | Carpenter & Crane, 2010 |
| 415 | 1890 | Subadult | Indet. | 12 | 16 | Years | Indet. | Burrell & Carpenter, 2013 |
| 416 | 1892 | Adult | Male | 45 | 59 | Years | 1.69 | Burrell & Carpenter, 2013 |
| 417 | 1894 | Adult | Indet. | 45 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 418 | 1896 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 419 | 1901 | Adult | Ambig. | 35 | 45 | Years | Indet. | Burrell & Carpenter, 2013 |
| 420 | 1906 | Adult | Ambig. | 40 | 49 | Years | Indet. | Burrell & Carpenter, 2013 |
| 421 | 1910 | Indet. | Indet. | 13 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 422 | 1912 | Adult | Female | 21 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 423 | 1913 | Adult | Male | 18 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 424 | 1915 | Adult | Male | 18 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 425 | 1918 | Adult | Ambig. | 40 | 44 | Years | Indet. | Burrell & Carpenter, 2013 |
| 426 | 1921 | Adult | Female | 45 | 49 | Years | Indet. | Burrell & Carpenter, 2013 |
| 427 | 1924 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 428 | 1926 | Adult | Female | 45 | 49 | Years | 1.64 | Burrell & Carpenter, 2013 |
| 429 | 1928 | Subadult | Indet. | 1 | 2 | Years | Indet. | Burrell & Carpenter, 2013 |
| 430 | 1931 | Adult | Indet. | 18 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 431 | 1934 | Subadult | Indet. | 0 | 1 | Years | Indet. | Burrell & Carpenter, 2013 |
| 432 | 1937 | Adult | Indet. | 45 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 433 | 1938 | Indet. | Indet. | Indet. | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 434 | 1939 | Indet. | Indet. | Indet. | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 435 | 1941 | Adult | Indet. | 50 | 59 | Years | Indet. | Burrell & Carpenter, 2013 |
| 436 | 1943 | Adult | Female | 50 | 59 | Years | 1.63 | Burrell & Carpenter, 2013 |
| 437 | 1945 | Subadult | Indet. | 7 | 11 | Years | Indet. | Burrell & Carpenter, 2013 |
| 438 | 1947 | Adult | Ambig. | 45 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 439 | 1951 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |
| 440 | 1953 | Subadult | Indet. | 4 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 441 | 1955 | Subadult | Indet. | 3.5 | 6.5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 442 | 1957 | Adult | Female | 50 | 59 | Years | 1.63 | Burrell & Carpenter, 2013 |
| 443 | 1959 | Adult | Male | 35 | 45 | Years | Indet. | Burrell & Carpenter, 2013 |
| 444 | 1961 | Subadult | Indet. | 15 | 16 | Years | Indet. | Burrell & Carpenter, 2013 |
| 445 | 1962 | Adult | Indet. | 18 | Indet. | Years | Indet. | Carpenter & Crane, 2010 |
| 446 | 1964 | Subadult | Indet. | 8 | 10 | Years | Indet. | Burrell & Carpenter, 2013 |
| 447 | 1965 | Adult | Female | 30 | 40 | Years | Indet. | Burrell & Carpenter, 2013 |
| 448 | 1974 | Adult | Indet. | 25 | 25 | Years | Indet. | Burrell & Carpenter, 2013 |
| 449 | 1976 | Adult | Female | 50 | 59 | Years | 1.69 | Burrell & Carpenter, 2013 |
| 450 | 1980 | Adult | Ambig. | 45 | 49 | Years | Indet. | Burrell & Carpenter, 2013 |
| 451 | 1981 | Subadult | Indet. | 7.5 | 12.5 | Years | Indet. | Burrell & Carpenter, 2013 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 452 | 1983 | Subadult | Indet. | 0 | 6 | Months | Indet. | Burrell & Carpenter, 2013 |
| 453 | 1986 | Indet. | Indet. | Indet. | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 454 | 1990 | Subadult | Indet. | 7 | 12 | Years | Indet. | Burrell & Carpenter, 2013 |
| 455 | 1997 | Subadult | Indet. | Indet. | 16 | Years | Indet. | Burrell & Carpenter, 2013 |
| 456 | 2000 | Subadult | Indet. | 12 | 16 | Years | Indet. | Burrell & Carpenter, 2013 |
| 457 | 2003 | Adult | Female | 45 | 49 | Years | 1.68 | Burrell & Carpenter, 2013 |
| 458 | 2005 | Adult | Female | 30 | 40 | Years | 1.56 | Burrell & Carpenter, 2013 |
| 459 | 2012 | Subadult | Indet. | 9 | 15 | Years | Indet. | Burrell & Carpenter, 2013 |
| 460 | 2014 | Adult | Male | 50 | 59 | Years | 1.72 | Burrell & Carpenter, 2013 |
| 461 | 2016 | Adult | Indet. | 18 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 462 | 2017 | Subadult | Indet. | 10 | 16 | Years | Indet. | Burrell & Carpenter, 2013 |
| 463 | 2023 | Adult | Male | 50 | 59 | Years | 1.67 | Burrell & Carpenter, 2013 |
| 464 | 2026 | Subadult | Indet. | 7 | 17 | Years | Indet. | Burrell & Carpenter, 2013 |
| 465 | 2028 | Subadult | Indet. | 1 | 1 | Years | Indet. | Burrell & Carpenter, 2013 |
| 466 | 2030 | Subadult | Indet. | 3 | 19 | Years | Indet. | Burrell & Carpenter, 2013 |
| 467 | 2031 | Adult | Female | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 468 | 2038 | Subadult | Indet. | 7 | 9 | Years | Indet. | Burrell & Carpenter, 2013 |
| 469 | 2044 | Adult | Male | 21 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 470 | 2046 | Adult | Female | 21 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 471 | 2047 | Subadult | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 472 | 2049 | Subadult | Indet. | 3 | 5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 473 | 2052 | Adult | Female | 25 | Indet. | Years | 1.58 | Burrell & Carpenter, 2013 |
| 474 | 2054 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |
| 475 | 2056 | Subadult | Indet. | 1 | 2 | Years | Indet. | Burrell & Carpenter, 2013 |
| 476 | 2059 | Adult | Female | 18 | 25 | Years | Indet. | Burrell & Carpenter, 2013 |
| 477 | 2062 | Subadult | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 478 | 2066 | Subadult | Indet. | 7 | 16 | Years | Indet. | Burrell & Carpenter, 2013 |
| 479 | 2071 | Adult | Male | 21 | 24 | Years | 1.64 | Burrell & Carpenter, 2013 |
| 480 | 2073 | Adult | Female | 35 | 45 | Years | Indet. | Burrell & Carpenter, 2013 |
| 481 | 2075 | Adult | Female | 40 | 49 | Years | 1.61 | Burrell & Carpenter, 2013 |
| 482 | 2077 | Adult | Female | 60 | Indet. | Years | 1.57 | Burrell & Carpenter, 2013 |
| 483 | 2079 | Adult | Ambig. | 50 | 59 | Years | Indet. | Burrell & Carpenter, 2013 |
| 484 | 2081 | Adult | Male | 35 | 45 | Years | 1.72 | Burrell & Carpenter, 2013 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 485 | 2086 | Adult | Female | 35 | 39 | Years | 1.58 | Burrell & Carpenter, 2013 |
| 486 | 2088 | Subadult | Indet. | 4 | 5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 487 | 2091 | Adult | Ambig. | 40 | 50 | Years | Indet. | Burrell & Carpenter, 2013 |
| 488 | 2095 | Subadult | Indet. | 13 | 17 | Years | Indet. | Burrell & Carpenter, 2013 |
| 489 | 2101 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |
| 490 | 2103 | Adult | Female | 50 | 65 | Years | 1.57 | Burrell & Carpenter, 2013 |
| 491 | 2107 | Subadult | Indet. | 11 | 12 | Years | Indet. | Burrell & Carpenter, 2013 |
| 492 | 2109 | Adult | Female | 45 | Indet. | Years | 1.68 | Burrell & Carpenter, 2013 |
| 493 | 2114 | Adult | Female | 18 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 494 | 2119 | Subadult | Indet. | 3 | 6 | Months | Indet. | Burrell & Carpenter, 2013 |
| 495 | 2120 | Adult | Ambig. | 35 | 45 | Years | Indet. | Burrell & Carpenter, 2013 |
| 496 | 2121 | Adult | Male | 45 | 60 | Years | 1.75 | Burrell & Carpenter, 2013 |
| 497 | 2125 | Adult | Male | 50 | 59 | Years | 1.84 | Burrell & Carpenter, 2013 |
| 498 | 2126 | Adult | Indet. | 18 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 499 | 2127 | Adult | Female | 50 | 59 | Years | Indet. | Burrell & Carpenter, 2013 |
| 500 | 2129 | Subadult | Indet. | 3 | 5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 501 | 2131 | Subadult | Indet. | 7 | 8.5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 502 | 2134 | Adult | Indet. | 18 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 503 | 2136 | Adult | Indet. | 25 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 504 | 2140 | Subadult | Indet. | 3 | 9 | Months | Indet. | Burrell & Carpenter, 2013 |
| 505 | 2141 | Adult | Male | 45 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 506 | 2144 | Adult | Female | 35 | 39 | Years | 1.55 | Burrell & Carpenter, 2013 |
| 507 | 2146 | Adult | Male | 30 | 45 | Years | 1.62 | Burrell & Carpenter, 2013 |
| 508 | 2150 | Adult | Male | 45 | 49 | Years | 1.66 | Burrell & Carpenter, 2013 |
| 509 | 2153 | Subadult | Indet. | 8.5 | 13.5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 510 | 2156 | Adult | Male | 50 | 57 | Years | 1.80 | Burrell & Carpenter, 2013 |
| 511 | 2158 | Indet. | Indet. | 14 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 512 | 2160 | Subadult | Indet. | 1 | 2 | Years | Indet. | Burrell & Carpenter, 2013 |
| 513 | 2167 | Adult | Female | 45 | 59 | Years | 1.65 | Burrell & Carpenter, 2013 |
| 514 | 2173 | Subadult | Indet. | 4.5 | 8.5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 515 | 2179 | Adult | Male | 40 | 50 | Years | 1.68 | Burrell & Carpenter, 2013 |
| 516 | 2182 | Subadult | Indet. | 14 | 19 | Years | Indet. | Burrell & Carpenter, 2013 |
| 517 | 2185 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 518 | 2186 | Subadult | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 519 | 2189 | Adult | Female | 35 | 40 | Years | 1.56 | Burrell & Carpenter, 2013 |
| 520 | 2198 | Subadult | Indet. | 7.5 | 12.5 | Years | indet. | Burrell & Carpenter, 2013 |
| 521 | 2200 | Adult | Female | 21 | Indet. | Years | 1.59 | Burrell & Carpenter, 2013 |
| 522 | 2202 | Adult | Male | 50 | 59 | Years | 1.71 | Burrell & Carpenter, 2013 |
| 523 | 2204 | Adult | Female | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 524 | 2206 | Subadult | Male | 17 | 18 | Years | 1.60 | Burrell & Carpenter, 2013 |
| 525 | 2208 | Subadult | Indet. | 4 | 5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 526 | 2218 | Adult | Female | 45 | 49 | Years | 1.56 | Burrell & Carpenter, 2013 |
| 527 | 2220 | Subadult | Indet. | 2 | 3 | Years | Indet. | Burrell & Carpenter, 2013 |
| 528 | 2222 | Subadult | Indet. | 16 | 32 | Months | Indet. | Burrell & Carpenter, 2013 |
| 529 | 2224 | Subadult | Indet. | 5 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 530 | 2226 | Subadult | Indet. | 6 | 12 | Years | Indet. | Burrell & Carpenter, 2013 |
| 531 | 2228 | Adult | Male | 45 | 49 | Years | 1.72 | Burrell & Carpenter, 2013 |
| 532 | 2230 | Adult | Ambig. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 533 | 2232 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |
| 534 | 2234 | Subadult | Indet. | 2 | 3 | Years | Indet. | Burrell & Carpenter, 2013 |
| 535 | 2236 | Adult | Male | 40 | 44 | Years | 1.70 | Burrell & Carpenter, 2013 |
| 536 | 2238 | Adult | Female | 40 | 44 | Years | 1.52 | Burrell & Carpenter, 2013 |
| 537 | 2240 | Adult | Male | 35 | 39 | Years | 1.56 | Burrell & Carpenter, 2013 |
| 538 | 2242 | Adult | Male | 30 | 34 | Years | 1.67 | Burrell & Carpenter, 2013 |
| 539 | 2244 | Adult | Male | 30 | 34 | Years | 1.71 | Burrell & Carpenter, 2013 |
| 540 | 2246 | Subadult | Indet. | 6 | 12 | Months | Indet. | Burrell & Carpenter, 2013 |
| 541 | 2248 | Subadult | Indet. | 3 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |
| 542 | 2250 | Subadult | Indet. | 5 | 9 | Years | Indet. | Burrell & Carpenter, 2013 |
| 543 | 2252 | Adult | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 544 | 2254 | Subadult | indet. | 7 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 545 | 2257 | Adult | Female | 35 | 45 | Years | Indet. | Burrell & Carpenter, 2013 |
| 546 | 2259 | Adult | Female | 17 | 23 | Years | 1.63 | Burrell & Carpenter, 2013 |
| 547 | 2261 | Subadult | Indet. | 3 | 6 | Months | Indet. | Burrell & Carpenter, 2013 |
| 548 | 2264 | Adult | Female | 45 | 59 | Years | 1.63 | Burrell & Carpenter, 2013 |
| 549 | 2271 | Subadult | Indet. | 3 | 5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 550 | 2282 | Subadult | Indet. | 36 | 40 | IUW | Indet. | Burrell & Carpenter, 2013 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 551 | 2285 | Subadult | Indet. | 12 | 18 | Years | Indet. | Burrell & Carpenter, 2013 |
| 552 | 2290 | Adult | Female | 20 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 553 | 2294 | Adult | Male | 40 | 44 | Years | 1.67 | Burrell & Carpenter, 2013 |
| 554 | 2296 | Subadult | Indet. | 5 | 9 | Years | Indet. | Burrell & Carpenter, 2013 |
| 555 | 2298 | Adult | Ambig. | 25 | 35 | Years | Indet. | Burrell & Carpenter, 2013 |
| 556 | 2300 | Subadult | Indet. | 12 | 16 | Years | Indet. | Burrell & Carpenter, 2013 |
| 557 | 2302 | Adult | Indet. | 18 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 558 | 2306 | Adult | Male | 18 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 559 | 2310 | Adult | Male | 27 | 66 | Years | 1.59 | Burrell & Carpenter, 2013 |
| 560 | 2312 | Adult | Ambig. | 45 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 561 | 2316 | Subadult | Indet. | 5 | 9 | Years | Indet. | Burrell & Carpenter, 2013 |
| 562 | 2318 | Adult | Female | 45 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 563 | 2321 | Adult | Male | 45 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 564 | 2323 | Adult | Male | 40 | 44 | Years | 1.74 | Burrell & Carpenter, 2013 |
| 565 | 2325 | Subadult | Indet. | 6 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 566 | 2342 | Adult | Female | 50 | 59 | Years | 1.69 | Burrell & Carpenter, 2013 |
| 567 | 2354 | Subadult | Indet. | 12 | 16 | Years | Indet. | Burrell & Carpenter, 2013 |
| 568 | 2358 | Subadult | Indet. | 5 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 569 | 2361 | Adult | Female | 45 | 83 | Years | 1.65 | Burrell & Carpenter, 2013 |
| 570 | 2363 | Adult | Female | 45 | Indet. | Years | 1.55 | Burrell & Carpenter, 2013 |
| 571 | 2364 | Adult | Female | 40 | 49 | Years | 1.65 | Burrell & Carpenter, 2013 |
| 572 | 2372 | Adult | Male | 45 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 573 | 2376 | Adult | Indet. | 50 | 59 | Years | Indet. | Burrell & Carpenter, 2013 |
| 574 | 2378 | Adult | Indet. | 18 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 575 | 2380 | Subadult | Indet. | 3 | 9 | Months | Indet. | Burrell & Carpenter, 2013 |
| 576 | 2381 | Adult | Female | 50 | 59 | Years | 1.53 | Burrell & Carpenter, 2013 |
| 577 | 2385 | Subadult | Indet. | 5 | 7 | Years | Indet. | Burrell & Carpenter, 2013 |
| 578 | 2388 | Adult | Male | 25 | 39 | Years | 1.70 | Burrell & Carpenter, 2013 |
| 580 | 2395 | Adult | Female | 50 | 59 | Years | 1.61 | Burrell & Carpenter, 2013 |
| 581 | 2397 | Subadult | Indet. | 13 | 16 | Years | Indet. | Burrell & Carpenter, 2013 |
| 582 | 2400 | Subadult | Indet. | 9 | 14 | Years | Indet. | Burrell & Carpenter, 2013 |
| 583 | 2403 | Subadult | Indet. | 7 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 584 | 2407 | Subadult | Indet. | 9 | 12 | Years | Indet. | Burrell & Carpenter, 2013 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 585 | 2409 | Adult | Male | 40 | 44 | Years | 1.73 | Burrell & Carpenter, 2013 |
| 586 | 2413 | Adult | Male | 50 | 59 | Years | 1.69 | Burrell & Carpenter, 2013 |
| 587 | 2418 | Adult | Female | 50 | 59 | Years | 1.63 | Burrell & Carpenter, 2013 |
| 588 | 2424 | Subadult | Indet. | 6 | 12 | Years | Indet. | Burrell & Carpenter, 2013 |
| 589 | 2426 | Adult | Male | 30 | 34 | Years | 1.74 | Burrell & Carpenter, 2013 |
| 590 | 2437 | Adult | Female | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 591 | 2441 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |
| 592 | 2443 | Adult | Male | 35 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 593 | 2445 | Subadult | Indet. | 9.5 | 14.5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 594 | 2448 | Subadult | Indet. | 13 | 18 | Years | Indet. | Burrell & Carpenter, 2013 |
| 595 | 2451 | Subadult | Indet. | 16 | 32 | Months | Indet. | Burrell & Carpenter, 2013 |
| 596 | 2453 | Adult | Female | 35 | 44 | Years | 1.62 | Burrell & Carpenter, 2013 |
| 597 | 2455 | Adult | Male | 25 | 35 | Years | Indet. | Burrell & Carpenter, 2013 |
| 598 | 2457 | Adult | Male | 21 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 599 | 2459 | Adult | Female | 50 | 59 | Years | 1.63 | Burrell & Carpenter, 2013 |
| 600 | 2460 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |
| 601 | 2463 | Adult | Female | 25 | 29 | Years | 1.67 | Burrell & Carpenter, 2013 |
| 602 | 2465 | Subadult | Indet. | 3.5 | 6.5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 603 | 2467 | Adult | Male | 45 | 49 | Years | 1.74 | Burrell & Carpenter, 2013 |
| 604 | 2469 | Subadult | Indet. | 4 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 605 | 2471 | Adult | Female | 50 | 59 | Years | 1.64 | Burrell & Carpenter, 2013 |
| 606 | 2473 | Subadult | Indet. | 12 | 18 | Years | Indet. | Burrell & Carpenter, 2013 |
| 607 | 2475 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |
| 608 | 2477 | Adult | Male | 21 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 609 | 2481 | Adult | Female | 50 | 60 | Years | 1.67 | Burrell & Carpenter, 2013 |
| 610 | 2486 | Subadult | Indet. | 9.5 | 14.5 | Years | Indet. | Burrell & Carpenter, 2013 |
| 611 | 2490 | Adult | Female | 20 | 30 | Years | 1.66 | Burrell & Carpenter, 2013 |
| 612 | 2492 | Adult | Male | 21 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 613 | 2494 | Indet. | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 614 | 2496 | Subadult | Indet. | 4 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 615 | 2498 | Adult | Female | 21 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 616 | 2500 | Adult | Male | 45 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 620 | 2511 | Adult | Male | 35 | 45 | Years | 1.66 | Burrell & Carpenter, 2013 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 621 | 2513 | Adult | Male | 40 | 50 | Years | 1.70 | Burrell & Carpenter, 2013 |
| 622 | 2515 | Adult | Female | 30 | 34 | Years | 1.61 | Burrell & Carpenter, 2013 |
| 623 | 2521 | Adult | Male | 35 | 39 | Years | 1.81 | Burrell & Carpenter, 2013 |
| 624 | 2523 | Adult | Female | 25 | 29 | Years | 1.55 | Burrell & Carpenter, 2013 |
| 625 | 2526 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |
| 626 | 2532 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |
| 627 | 2534 | Adult | Male | 45 | 49 | Years | 1.80 | Burrell & Carpenter, 2013 |
| 628 | 2536 | Adult | Male | 20 | 24 | Years | 1.73 | Burrell & Carpenter, 2013 |
| 629 | 2452 | Subadult | Indet. | 5 | 6 | Years | Indet. | Burrell & Carpenter, 2013 |
| 630 | 2544 | Adult | Male | 30 | 34 | Years | 1.61 | Burrell & Carpenter, 2013 |
| 631 | 2547 | Subadult | Indet. | 7 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 632 | 2549 | Adult | Female | 26 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 633 | 2551 | Adult | Ambig. | 21 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 634 | 2556 | Adult | Male | 35 | 45 | Years | Indet. | Burrell & Carpenter, 2013 |
| 635 | 2557 | Subadult | Indet. | 2 | 3 | Years | Indet. | Burrell & Carpenter, 2013 |
| 636 | 2559 | Subadult | Indet. | 6 | 10 | Years | Indet. | Burrell & Carpenter, 2013 |
| 637 | 2563 | Adult | Female | 25 | 30 | Years | 1.54 | Burrell & Carpenter, 2013 |
| 638 | 2565 | Subadult | Indet. | Indet. | 12 | Years | Indet. | Burrell & Carpenter, 2013 |
| 639 | 2567 | Adult | Male | 45 | Indet. | Years | 1.72 | Burrell & Carpenter, 2013 |
| 640 | 2571 | Subadult | Indet. | 12 | 18 | Years | Indet. | Burrell & Carpenter, 2013 |
| 641 | 2574 | Adult | Male | 18 | Indet. | Years | 1.76 | Burrell & Carpenter, 2013 |
| 642 | 2578 | Subadult | Indet. | 4 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 643 | 2581 | Adult | Male | 25 | 35 | Years | Indet. | Burrell & Carpenter, 2013 |
| 644 | 2583 | Subadult | Indet. | 1 | 2 | Years | Indet. | Burrell & Carpenter, 2013 |
| 645 | 2588 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |
| 646 | 2593 | Subadult | Indet. | 5 | 9 | Years | Indet. | Burrell & Carpenter, 2013 |
| 647 | 2595 | Subadult | Indet. | 3 | 5 | Months | Indet. | Burrell & Carpenter, 2013 |
| 648 | 2598 | Adult | Male | 55 | 60 | Years | 1.66 | Burrell & Carpenter, 2013 |
| 649 | 2601 | Adult | Male | 45 | 86 | Years | 1.67 | Burrell & Carpenter, 2013 |
| 650 | 2603 | Subadult | Indet. | 13 | 17 | Years | Indet. | Burrell & Carpenter, 2013 |
| 651 | 2609 | Adult | Indet. | 45 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 652 | 2611 | Subadult | Indet. | 10 | 12 | Years | Indet. | Burrell & Carpenter, 2013 |
| 653 | 2616 | Subadult | Indet. | 2 | 4 | Years | Indet. | Burrell & Carpenter, 2013 |

| Skeleton | | Adult/ | | Age | | | Stature | |
|---|---|---|---|---|---|---|---|---|
| Number | Context | Subadult | Sex | Min | Max | Units | (m) | Source |
| 654 | 2618 | Adult | Male | 20 | 24 | Years | 1.63 | Burrell & Carpenter, 2013 |
| 655 | 2620 | Subadult | Indet. | 12 | 18 | Months | Indet. | Burrell & Carpenter, 2013 |
| 656 | 2622 | Subadult | Indet. | 5 | 9 | Years | Indet. | Burrell & Carpenter, 2013 |
| 658 | 2629 | Adult | Male | 50 | 59 | Years | 1.69 | Burrell & Carpenter, 2013 |
| 659 | 2631 | Subadult | Indet. | 12 | 24 | Months | Indet. | Burrell & Carpenter, 2013 |
| 660 | 2633 | Subadult | Indet. | 6 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 661 | 2635 | Adult | Female | 25 | 29 | Years | 1.68 | Burrell & Carpenter, 2013 |
| 662 | 2638 | Subadult | Indet. | Indet. | Indet. | Indet. | Indet. | Burrell & Carpenter, 2013 |
| 663 | 2640 | Adult | Indet. | 17 | 25 | Years | Indet. | Burrell & Carpenter, 2013 |
| 664 | 2642 | Adult | Indet. | 14 | Indet. | Years | Indet. | Burrell & Carpenter, 2013 |
| 665 | 2644 | Subadult | Indet. | 2 | 3 | Years | Indet. | Burrell & Carpenter, 2013 |
| 666 | 2646 | Subadult | Indet. | 7 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 667 | 2648 | Subadult | Indet. | 20 | 42 | Months | Indet. | Burrell & Carpenter, 2013 |
| 668 | 2649 | Subadult | Indet. | 36 | 36 | IUW | Indet. | Burrell & Carpenter, 2013 |
| 669 | 2656 | Subadult | Indet. | 12 | 18 | Months | Indet. | Burrell & Carpenter, 2013 |
| 671 | 2664 | Subadult | Indet. | 12 | 18 | Years | Indet. | Burrell & Carpenter, 2013 |
| 672 | 2666 | Subadult | Indet. | 9 | 15 | Years | Indet. | Burrell & Carpenter, 2013 |
| 673 | 2670 | Subadult | Indet. | 5 | 6 | Years | Indet. | Burrell & Carpenter, 2013 |
| 674 | 2672 | Subadult | Indet. | 8 | 9 | Years | Indet. | Burrell & Carpenter, 2013 |
| 676 | 2679 | Subadult | Indet. | 3 | 6 | Months | Indet. | Burrell & Carpenter, 2013 |
| 677 | 2681 | Subadult | Indet. | 0 | 1 | Years | Indet. | Burrell & Carpenter, 2013 |
| 678 | 2686 | Adult | Female | 40 | 44 | Years | 1.69 | Burrell & Carpenter, 2013 |
| 679 | 2688 | Adult | Female | 25 | 29 | Years | 1.55 | Burrell & Carpenter, 2013 |
| 680 | 2690 | Subadult | Indet. | 7 | 8 | Years | Indet. | Burrell & Carpenter, 2013 |
| 681 | 2692 | Adult | Female | 20 | 24 | Years | 1.55 | Burrell & Carpenter, 2013 |

Table 8 – Results of Basic Skeletal Analysis

Notes:

a. "Indet." means Indeterminate; "Ambig." means Ambiguous; "IUW" means in-utero weeks.

b. Where the source is shown as 'Burrell & Carpenter, 2013', the data are published here for the first time.

b. Where the source is shown as 'Carpenter & Crane, 2010', the data were orginally published in that paper.

c. Where the source is shown as 'Carpenter & Crane, 2003', the data were originally published in that paper, but the height data has been recalculated as explained in Section 3.3.

d. Where the source is shown as 'Owens, 1998', 'Quinney, 1996' or 'Roberts, 1998', sex and age data was taken from that source, but the height data was recalculated by the authors as explained in Section 3.3.

e. The range of skeleton numbers is greater than the total number of skeletons excavated (Section 1), because some skeletons which have been assigned numbers have not yet been excavated, and also because, in the early days of the

project, skeleton numbers were assigned to some concentrations of bones which were later interpreted as ‘charnel pits’ or groups of elements from disturbed burials [Owens, 1998: 10]