

Appendix 1: Selected Trafalgar Veterans Who Died in the Royal Hospital, Greenwich

Summary of a sample of 100 Seamen and Marines who fought at Trafalgar and who were buried at Greenwich Hospital before 1858. This is a selection from data in Ayshford and Ayshford, 2004.

| Surname | Forename | Rating | Age at Trafalgar | Birthplace | Age at death | Year of death | Length of service | Injuries | Trade on enlisting | Trade after discharge |
|-----------|-----------|------------------|------------------|------------------------|--------------|---------------|-------------------|--|--------------------|-----------------------|
| Addison | Dominick | AS | 26 | Toulon | 73 | 1853 | 15.4 | - | | Mariner |
| Allen | Robert | PRM | 19 | Crompton, Somerset | 65 | 1841 | 3.1 | Right leg amputated | | |
| Anderson | Archibald | LM | 22 | Greenock, Renfrewshire | 77 | 1855 | 11 | 'blown up' (T) | Cooper | |
| Armstrong | Samuel | Clerk | 22 | Clommell, Tipperary | 68 | 1850 | 5 | - | | Clerk |
| Ayre | Thomas | OS | 35 | Southwark | 71 | 1849 | 6.5 | - | | Lighterman |
| Babb | Daniel | LM | 21 | Hunstum, Devon | 62 | 1845 | 11.75 | - | - | |
| Baker | John | LM | 36 | Hambleton, Surrey | 71 | 1839 | 9 | - | Labourer | |
| Balcot | Robert | Carpenter's crew | 32 | York | 70 | 1841 | 24 | - | | Carpenter |
| Barnes | William | PRM | 32 | Stratford, Wilts | 64 | 1838 | 12.5 | lost 4th finger | Farm labourer | |
| Beal | James | LM | 23 | Deal, Kent | 62 | 1841 | 8 | - | - | |
| Bell | Henry | Quarter gunner | 28 | Manchester | 48 | 1825 | 20 | Right cheek (T) | - | |
| Bendick | Ralph | AS | 34 | London | 72 | 1841 | 17.8 | - | - | |
| Birton | William | Boy RM | 17 | Hinkley, Lancs | 66 | 1853 | 11.1 | Injured left side | | Frameworker |
| Bound | William | AS | 35 | Portsmouth | 81 | 1851 | 21.8 | Head wound (T) | Mariner | |
| Bowles | James | OS | 30 | Gorlseston, Suffolk | 73 | 1848 | 30.2 | - | Mariner | |
| Bray | William | AS | 24 | Kingsand, Devon | 64 | 1844 | 25.4 | Head wound (T) | - | |
| Brown | Jacob | PRM | 21 | Sudbury, Glouc. | 71 | 1854 | 15.2 | Wounded (T) | - | |
| Brownrigg | John | LM | 23 | Dublin | 73 | 1855 | 12 | - | | Tobacconist |
| Bucklin | Allen | PRM | 24 | Reigate, Surrey | 65 | 1844 | 12.5 | - | Labourer | |
| Bunning | William | Boy 3rd Class | 11 | Sheerness, Kent | 63 | 1853 | 41 | - | | Sailmaker |
| Burn | Edward | OS | 22 | West Ham, Essex | 66 | 1850 | 17.5 | Head wound off Russia | | Silk weaver (A) |
| Burne | James | AS | 23 | Littlehampton, Sussex | 77 | 1855 | 11.1 | - | | Mariner (A) |
| Burnes | Peter | LM | 25 | St Kitts, W. Indies | 61 | 1843 | 11.8 | Blinded in accident | | Sackmaker (A) |
| Burton | William | LM | 25 | Fakenham, Norfolk | 61 | 1843 | 11.8 | Fractured left hand | | |
| Bush | John | OS | 21 | Norfolk | 61 | 1845 | 11.5 | Gunshot to knee; Splinters many parts of body; Wound to back & loins (T) | - | - |

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A Study of RN Veterans' Remains Based on Greenwich Records

Appendix 1 (continued)

| Surname | Forename | Rating | Age at Trafalagar | Birthplace | Age at death | Year of death | Length of service | Injuries | Trade on enlisting | Trade after discharge |
|-----------|----------|------------------------------|----------------------|---|-----------------|------------------|----------------------|--|-----------------------|--------------------------|
| Calanso | Ralph | AS | 32 | Penzance | 74 | 1847 | 18.1 | Broken shoulder | | Stonemason |
| Capell | Jacob | PRM | 25 | Queen Charlton, Somerset | 73 | 1849 | 17.75 | Wounded (T) | Labourer | Labourer |
| Carney | Thomas | PRM | 30 | Dublin | 79 | 1854 | - | 1805-fever | Labourer | |
| Catherine | Joseph | PRM | 24 | Paul, Cornwall | 66 | 1847 | 16 | Wounded (T) | Labourer | - |
| Chant | Isaac | AS | 50 | London | 85 | 1841 | 11.2 | - | | Waterman |
| Chapman | Thomas | PRM | 27 | Bradford, Wilts | 74 | 1851 | 12.2 | Gunshot to head, jaw and cheeks | Dyer | Clothworker |
| Chapman | George | PRM | 28 | Westminster | 74 | 1852 | 19 | Wounded (T) | Taylor | - |
| Charnley | William | LM | 26 | Walton-le- Dale, Lancs. | 79 | 1857 | 18 | Hurt left foot | Weaver | |
| Cherry | Peter | AS | 22 | Calais | 71 | 1857 | 6.3 | - | Labourer | |
| Christian | Francis | AS | 28 | London | 82 | 1855 | 20 | Loss of hearing | | Mariner |
| Church | James | LM | 22 | Plymouth dock | 66 | 1849 | - | - | - | - |
| Clancy | Edward | LM | 23 | Wexford | 70 | 1852 | 16.5 | - | - | - |
| Clowden | Daniel | AS | 26 | London | 74 | 1849 | 10.9 | Wounded left leg (T) | - | Shoemaker |
| Coggan | George | PRM | 18 | Brushford, Somerset | 67 | 1854 | 21.75 | - | Labourer | - |
| Coil | Michael | OS | 25 | Waterford | 61 | 1841 | 15 | Lost right eye | - | - |
| Connor | James | PRM | 17 | Dublin | 56 | 1843 | 14.9 | Wounds to breast, shoulder, knee (T); diseased liver (discharged 1820) | - | - |
| Connor | John | PRM | 26 | Dublin | 65 | 1844 | - | Lost right arm above elbow (T) | - | - |
| Cook | Charles | OS | 23 | Hartford | 56 | 1843 | 21.9 | Lost sight | - | Cabinetmaker |
| Cooke | John | LM | 25 | London | 69 | 1846 | 15 | - | - | - |
| Coombs | James | PRM | 19 | Shepton Mallett, So. Plymouth | 59 | 1841 | 18 | Wounded (T), 'ruptured' | Labourer | - |
| Cornish | John | AS | 27 | Plymouth | 52 | 1828 | 12.75 | Contused ankle; wounded left arm in action | - | Printer |
| Court | Henry | PRM | 21 | Midsomer Norton, So. Castletown, Isle of Man Plymouth | 71 | 1851 | 30.75 | Wounded in head | Collier | Miner |
| Creer | William | LM | 23 | Castletown, Isle of Man Plymouth | 71 | 1855 | 11.9 | - | - | Millwright |
| Crews | John | Quarter- master's Mate | 30 | Plymouth | 64 | 1838 | 15.9 | - | - | - |
| Crofton | Thomas | PRM | 27 | Dublin | 52 | 1825 | 17 | Both legs wounded (T) | Tailor | - |
| Crooney | John | LM | 28 | Cork | 69 | 1845 | 11.83 | - | - | - |
| Curly | Henry | LM | 30 | Dublin | 68 | 1852 | 12.08 | Wound to loins | - | Whipmaker |
| Dailey | Owen | OS | 30 | Tarrough, Co Meath | 69 | 1831 | 17.3 | Wounded left arm (musket ball) | - | Labourer |
| D'Armaro | Rafle | LM | 22 | Naples | 73 | 1854 | 13 | - | - | Labourer |
| Darnells | Thomas | PRM | 27 | Somerset | 75 | 1853 | 10.42 | - | Farm labourer | - |

Appendix One

Appendix 1 (continued)

| Surname | Forename | Rating | Age at Trafalagar | Birthplace | Age at death | Year of death | Length of service | Injuries | Trade on enlisting | Trade after discharge |
|-----------|-------------|---------------------------|-------------------|---------------------|--------------|---------------|-------------------|--|--------------------|-----------------------|
| Davis | Hugh | AS | 32 | Dolgelly, N Wales | 71 | 1845 | 17 | 'Ruptured' (T) | | Leather dresser |
| Davis | William | PRM | 24 | Corsley, Wilts | 64 | 1842 | 7.25 | Lost palate & injured left shoulder in fall | Cloth dresser | Sheerman |
| Day | Edward | PRM | 21 | Southgate, Exeter | 74 | 1857 | 19.3 | Discharged- debility | Tailor | Tailor |
| Dennis | Phillip | PRM | 3 | Plymouth | 81 | 1856 | 17.1 | - | Tailor | - |
| Dodd | Christopher | OS | 52 | Willock, Salop | 81 | 1844 | 16.5 | - | | miner |
| Edwards | George | OS | 22 | Liverpool | 67 | 1850 | 12.5 | Head wound (T) | - | Mariner |
| Elvine | John | OS | 22 | London | 66 | 1849 | 26.8 | Wounded left foot (T) | - | Silk weaver |
| Emmerson | John | OS | 27 | London | 76 | 1854 | - | - | - | - |
| Endsor | Thomas | OS | 26 | Tamworth | 73 | 1857 | 14 | - | - | - |
| England | William | OS | 30 | London | 68 | 1838 | 14 | Injury 1st joint right thumb (accident) | - | Labourer |
| English | John | LM | 23 | Dublin | 68 | 1850 | 25 | - | - | Mariner |
| Everitt | James | PRM | 21 | - | 73 | 1854 | 11.25 | - | - | Farm labourer |
| Eyles | Samuel | PRM | 24 | Stapleton, Devon | 76 | 1855 | 21.17 | - | Whitesmith | Labourer |
| Faig | Mathew | AS | 30 | Dover | 76 | 1854 | 19 | - | - | Labourer |
| Fear | William | OS | 25 | Tiverton, Devon | 69 | 1850 | 11.9 | - | - | Labourer |
| Fergusson | Patrick | AS | 36 | Dublin | 79 | 1848 | - | - | - | - |
| Fetterman | William | Yeoman of the Powder Room | 29 | Brancaster, Norfolk | 64 | 1831 | 19 | Wounded in back by splinters (T) | - | Seaman |
| Forest | George | LM | 22 | Southwark | 73 | 1856 | - | Considerable ulceration of leg (1805 admitted to Haslar Hospital) | - | - |
| Frankpit | William | PRM | 22 | Tiverton, Devon | 67 | 1847 | 9.83 | Injured foot | - | Labourer |
| Gaffney | William | LM | 21 | Dublin | 74 | 1856 | 15.6 | - | - | Labourer |
| Gale | Robert | AS | 27 | Shipton, Yorks | 74 | 1845 | 11.25 | Wounds to breast, leg & back | - | Mariner |
| Gamsby | George | AS | 33 | Cork | 71 | 1837 | 25 | Wounded left hip (T). Fell from hatchway to cockpit. Use of limbs impaired | - | Labourer |
| Gardner | William | OS | 25 | Bristol | 72 | 1852 | 13.5 | - | - | Brazier |
| Gillett | William | LM | 21 | Axminster, Devon | 73 | 1855 | 11.25 | - | - | Baker |
| Goree | John | Quarter gunner | 49 | Spain | 71 | 1828 | 14 | Hurt in back (T) | - | - |
| Gostry | Henry | OS | 34 | Co. Cork | 79 | 1847 | 14.9 | Injured left foot | - | Labourer |
| Graham | Thomas | LM | 24 | London | 67 | 1851 | 11 | - | - | Labourer |

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Appendix 1 (continued)

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|---------------|----------|---|----------------------|--------------------------------------|-----------------|---|----------------------|---|-----------------------|--------------------------|
| Gray | Henry | OS | 22 | Harrington NB, Midlothian | 69 | 1855 | 23.75 | Wound to left knee | - | Labourer |
| Gray | Henry | Gunner's mate | 33 | Durham | 69 | 1842 | 12.83 | - | - | - |
| Gray | Joh | AS | 24 | Salisbury | 71 | 1852 | - | - | - | - |
| Green | James | Gunner's mate | 32 | Weymouth | 90 | 1855 | 42.25 | Hurt in head, contusion | - | Mariner |
| Green | Thomas | AS | 30 | Cork | 73 | 1841 | 18.75 | Exposed tibia with splinters, gunshot (T) | - | Labourer |
| Greenslade | John | LM | 32 | Chudleigh, Devon | 84 | 1857 | 16.6 | Hurt left leg | - | Labourer |
| Griffiths | Richard | LM | 25 | London | 58 | 1838 | 13.5 | Loss of hearing (T) | - | Gunmaker |
| Grimes | Samuel | PRM | 18 | Manchester | 64 | 1850 | 10.83 | Wounds in action | Weaver | Weaver |
| Hagan | John | OS | 40 | Armagh | 78 | 1841 | 13.67 | Wounded left leg | - | Barber |
| Hammond | Isaac | AS | 28 | Sheffield | 73 | 1852 | 18.08 | Lost forefinger & ruptured right side (T) | - | Labourer |
| Harfett | Joseph | PRM | 27 | Midsommer Norton, So. | 58 | 1827 | 18 | Fractured head, wounded arm, varicose veins | Labourer | - |
| Harris | John | LM | 26 | Dantzick, Prussia | 78 | 1857 | 12.5 | Lost sight (active service) | - | Tailor |
| Healey | Patrick | LM | 22 | Cork | 69 | 1851 | 11.33 | 'Ruptured' at Trafalgar | - | Coppersmith |
| Hill | Josh | OS | 35 | Manchester | 88 | 1853 | 14.5 | Lost right forefinger (on board) | - | Mariner |
| Hill | William | OS | 40 | Kennington, Devon | 81 | 1846 | 9.67 | - | - | - |
| Hines | James | PRM | 23 | Watton- under-Edge, Glos. | 70 | 1853 | - | Compound fracture of arm | Shoemaker | - |
| Hollicock | Josh | PRM | 17 | Yardley, Worcs. | 67 | 1855 | 9.08 | - | Vice maker | Whitesmith |
| Holloway | James | OS | 29 | London | 65 | 1840 | 20 | - | - | - |
| Totals | | Average age at Trafalgar (years) | 26.4 | Mean age at death (years) | 70.01 | Mean years service incl. Merchant Navy | 15.7 | | | |

Abbreviations: AS = able seaman; OS = ordinary seaman; LM = landman; PRM = private Royal Marine; (T) = injury sustained during the Battle of Trafalgar

Appendix 2: Grave Catalogue

by Brian Dean, Lorraine Lindsay-Gale and Ceridwen Boston

The skeletal evidence from the excavated graves described below is contained in Appendix 3: Skeletal Catalogue.

1999 EVALUATION

The skeletons found in graves uncovered during the 1999 evaluation were not removed but recorded *in situ*. Graves were revealed in Trenches 10, 11 and 12, which lay within Areas 1 and 2, and which were excavated in 2001. Trenches 13 and 14 produced no evidence of graves. The results of the evaluation are briefly discussed in Chapter 3 above. For full details see the evaluation report (OA 1999c).

ARCHAEOLOGICAL WATCHING BRIEF – STUDENT ACCOMMODATION (TRENCH 15) (Fig. 7)

Trench 15 was excavated in February and March 2000, subsequent to the 1999 evaluation and after the preparation of the evaluation report (OA 1999c). Two, possibly three, graves (1564, 1571 and 1568) were located. Details of the skeletons from graves 1564 and 1571 can be found in Appendix 3 below.

Group 1563 - Grave 1564 (Fig. 7, plan 1504)

Grave 1564 was rectangular and contained an adult male inhumation (skeleton 1565). The grave had vertical sides, a flat base, and measured 1.4 m long and 0.7 m wide and was immediately above grave 1571. Part of the grave lay beyond the limit of the excavation. The grave fill (1566) was similar to the fill (1573) of grave 1571 and was dark grey-brown with orange patches, and a small amount of ceramic building material.

Skeleton 1565 was in a good state of preservation and 76–100% complete. It was a male aged as 50+ years, and had a stature of 167 cm. The skeleton was laid out in a supine position, with head to the west and feet to the east. Seven coffin nails (SF1501) were present within the fill (1566) and a further two nails were found with the skeleton.

Group 1567 - Grave 1568 (Fig. 7, plan 1504)

The western end of a sub-rectangular grave (1568) was revealed but only partly excavated. The grave was excavated to a depth of 1.6 m, but not bottomed. No skeleton was found. Most of the grave lay beyond northern limit of the trench.

Group 1570 - Grave 1571 (Fig. 7, plan 1505)

Grave cut 1571 contained an adult possible male inhumation (1572). The skeleton was beneath skeleton 1565, and the grave cut continued the line of the cut of grave 1564. It measured 1.4 m long, 0.7 m wide, and overall was 1.6 m deep. The grave fill (1573) was dark grey-brown with orange patches, and contained a small amount of ceramic building material. There was no discernible difference between the fills (1566 and 1573) of graves 1571 and 1564.

Skeleton 1572 was in good condition and was 76–100% complete. It was a possible male aged 40–50 years at death, and had a stature of 167 cm. It had been laid out in a supine position, with head to the west and feet to the east. The skeleton lay within the remnants of a coffin, indicated by the presence of five iron grips (SF1502–SF1506).

EXCAVATION OF THE ELECTRICAL SUB-STATION

Group 2003 - Grave 2004 (Fig. 11)

Grave cut 2004 contained a single adult female inhumation (skeleton 2005). The grave was rectilinear with vertical sides and a flat base. It measured 1 m long, 0.55 m wide, and was 0.80 m deep. The foot of the grave extended beyond the eastern limit of the trench. The fill (2006) was friable mottled sandy clay with 30% mixed gravel and stone.

Skeleton 2005 was in a good state of preservation, but was only 26–50% complete. It was an adult female, aged 50+ years at death, with an estimated stature of 166 cm. The skeleton was aligned SW-NE, and lay in a supine, extended position. Coffin nails (SF2000–SF2007) and studs were recovered.

PROPOSED CONFERENCE FACILITY – AREAS 1 & 2

The finds from the 2001 excavations include both iron and copper alloy objects. The iron objects, which include predominantly coffin fittings - breastplates, grips and grip plates, studs and coffin nails - are not well preserved, but are catalogued in summary form in Appendix 4. The copper alloy finds, which include some buttons and a number of shroud pins, are catalogued in Appendix 5.

AREA 1 (Fig. 6)

Group 3020 (Pile Trench 3001) - Grave 3107

Group 3020 comprised grave 3107 containing three burials (skeletons 3019, 3016 and 3024) positioned

one above the other. The sub-rectangular grave cut measured 2.10 m long, was 0.4 m wide at the east end and 0.62 m wide at the west end, and was 1.28 m deep. It had vertical sides and a flat base. The fill (3018) was mottled dark brown and yellow silty sand. Finds recorded within this fill were animal bone, pottery, shell, glass and clay pipe.

Skeleton 3024 was the earliest inhumation. It was the skeleton of an adult male, aged 35–45 years, and 166 cm in stature. It was 76–100% complete and in excellent condition. It was laid out in a supine position with arms extended, head to the west and feet to the east. There was no wood surviving from associated coffin 3025, but iron studs and fixing nails were recovered from the head and torso area.

Skeleton 3016 was the second inhumation in grave 3107. The skeleton was that of an adult male, aged 45+ years at death, and 173.7 cm in stature. It was 76–100% complete, and in poor condition. The ribs and vertebrae were poorly preserved. It was laid out in a supine position with the head to the west and feet to the east. The associated coffin (3015) was marked by a coffin stain in the grave fill (3018). It was impossible to distinguish between the coffin of skeleton 3016 and that associated with the overlying skeleton 3019 (see below), and it was not possible to determine which iron nails were part of which coffin. A single context number (3015) was allocated to the coffin stain associated with the two burials; in reality each individual would have been interred within his own coffin.

Skeleton 3019 was the final inhumation in grave 3017. It was in poor condition and was 76–100% complete. The skeleton was that of an adult male was aged 40–45 years at death, and had a stature of 163 cm. The skeleton was lying in a supine position, arms extended, with head to the west and feet to the east. The upper part of the body was slumped, and the skull rolled back. An associated coffin stain 3015 and iron nails were found, but could not be distinguished from the coffin associated with skeleton 3016 (above).

Group 3050 (Pile Trench 3009) – Grave 3041

Group 3050 comprised a sub-rectangular grave (3041) containing three inhumations (skeletons 3068, 3057 and 3044). There was no evidence of any recut. The grave had a flat base, and vertical sides, and measured 2.10 m long x 0.52m/0.37 m wide x 1.34 m deep. The fill (3042) was loose, dark brown with patches of yellow silty sand. Fragments of pottery, bone, glass and metal within the fill were probably residual. All three inhumations were adult males.

Skeleton 3068 was the earliest burial, was in excellent condition and 76–100% complete. Skeleton 3068 was a male aged 45+ years at death, and had a stature of 183 cm. The skeleton was in a supine position with the head to the west and feet to the east. The associated coffin remains (3067) consisted of a coffin stain (single break type), Fe studs, fixing nails and a fragmented breastplate. Four shroud pins were found with the skeleton (SF3004–3005, 3008–3009: see Appendix 5, nos 4–7).

Skeleton 3057, the second inhumation, was in a good condition and 76–100% complete. The ribs were damaged, possibly due to the presence of the Fe coffin plate. The individual was a male aged 40+ years at death, and had a stature of 168 cm. The skeleton was in a supine position with the head to the west and feet to the east. The associated coffin (3059) was defined by a coffin stain, a breastplate, Fe fixing nails and studs. Clusters of four studs were identified in the corners of the side panels of the coffin. The coffin was of single break type. A single shroud pin was recorded (SF3001: Appendix 5, no. 3).

Skeleton 3044 was the latest burial in this grave. It was in good condition and 76–100% complete. The individual was a male aged 50+ years at death, and had a stature of 166 cm. The skeleton was in a supine position with the head to the west and feet to the east. The associated coffin (3043) was of single break type, and more ornate than most. The evidence comprised a coffin stain, with a single row of Fe upholstery studs following the outline of the lid, fixing nails, grips at the head and foot and on the long axis of the coffin (n=6), and a badly corroded and fragmentary breastplate. A shroud pin was recorded associated with the skeleton (Appendix 5, no. 2).

Group 3240 (Pile Trench 3005) - Grave 3028

Grave group 3240 comprised four adult male inhumations (skeletons 3029, 3032, 3039 and 3086) within a double grave cut (3028). All skeletons were found lying in a supine position with their heads to the west and feet to the east. Skeletons 3039 and 3086 formed the earlier pair and had been laid alongside one another. They were overlaid by skeletons 3029 and 3032 respectively. Interestingly, amputee skeletons 3032 and 3086 were stacked one above the other. The grave cut (3028) was rectangular and measured 2.20 m x 1.35 m, and 1.2 m deep. Slight curvature of the southern cut tentatively suggested a recut, although this was not clear. The fill (3027) comprised loose sandy gravel with occasional inclusions of ceramic building materials. It probably represents the fill of the last two burials (skeletons 3029 and 3032), and contained the disturbed backfill of the earlier burials (3039 and 3086).

The artefacts recovered from the fill – pottery, glass, iron nails, bricks, clay pipe, and animal bone – it may have come from either grave. They included a complete copper alloy looped button (see Appendix 5, no. 8).

Grave 3028 lower burials

Skeleton 3039 was one of the two early skeletons and had been laid in the southern half of the grave. The skeleton was in a poor condition, and was 76–100% complete. The ribs, hands and feet were missing. The skeleton was a male aged 50+ years at death, and was 169 cm in stature. The skeleton was in a supine position with the head to the west and feet to the east. Iron coffin nails and grips at the ends represented the associated coffin (3048).

Skeleton 3086 was the second early inhumation and had been laid in the north half of grave 3028. The skeleton was 51–75% complete and was in a poor condition. The left femur was amputated above the knee. The individual was a male 40+ years of age, and was 174 cm in stature. The skeleton was in a supine position with the head to the west and feet to the east. The associated coffin (3087) was fairly ornate compared with other burials. The breastplate (3089) was present, as were fairly ornate grips, grip plates and nails. Sections of the margin of the coffin lid were decorated with widely spaced iron studs. The coffin outline revealed a coffin single of break type, measuring 1.8 m long and 0.39 m wide at the shoulders. A copper alloy shroud pin (SF3006) was found wrapped with shroud fabric inside the mouth, and a fragment of shroud textile with fragments of pin (SF3007) was found by the right clavicle (see Appendix 5, nos 9–10).

Grave 3028 upper burials

Skeleton 3029 was a later inhumation located on the south side of the grave above skeleton 3039. It was 76–100% complete, with some ribs and the left foot missing. Bone preservation was poor. The left side may have been mixed with skeleton 3039, because of slumping. Skeleton 3029 was a male 40+ years at death, and had a stature of 171 cm. The skeleton was in a supine position with the head to the west and feet to the east. The associated wooden coffin (3031) measured 1.75 m x 0.35 m. The lid and side panels were heavily decorated by studwork, and a very fragmentary and illegible breastplate was present. There is a possibility that these remains represent fittings of both coffin 3031 and the earlier coffin 3048 (skeleton 3039).

Skeleton 3032 was located on the north side of the grave above skeleton 3086. It was 76–100% complete and in good condition, except for slight damage to the skull. The individual was a male 50+ years at death, and was 171 cm in stature. The left leg had been amputated above the knee. The skeleton was in a supine position with the head to the west and feet to the east. The associated coffin (3033) was identified from iron fixing nails, one grip and a coffin stain. The stain suggests a trapezoid coffin, 1.75 m long x 0.4 m at the head.

Group 3250 (Pile Trench 3015) - Grave 3247

Grave cut 3247 contained two inhumations, an adult male (skeleton 3255) and a late adolescent possibly male (skeleton 3249). The grave was sub-rectangular with vertical sides and a flat base. The dimensions were 2 m long x 0.75 m wide. The fill (3248) was compact, dark brown sandy silt with frequent rounded stones, occasional charcoal and fragments of degraded oyster shell.

Skeleton 3255, the earlier inhumation, was poorly preserved but 76–100% complete. The remains were those of an adult male, aged 35–40 years, with a stat-

ure of 171 cm. The body was laid out in a supine extended position. Fe fixing nails and studs represented the associated coffin (no context number allocated).

Skeleton 3249, the later burial, was in a good state of preservation and was 51–75% complete. The remains are of a late adolescent, aged 16–18 years, possibly male. The body was laid out in a supine extended position. Fe fixing nails alone identified the associated coffin (no context number assigned).

Group 3260 (Pile Trench 3006) - Grave 3036

Rectangular grave 3036 contained two inhumations: skeleton 3035 and 3051, with the former overlying the latter. The grave had a flat base and three vertical sides and one with a 70° slope towards the base, and measured 2.30 m long x 1.12 m wide x 1 m deep. Both skeletons were adult, one male and one a possible male, laid out in a supine position, with heads to the west and feet to the east. The fill (3034) was firm, dark brown silty sand with 40% gravel and 1% charcoal inclusions. There was no discernible difference in the fill to indicate a re-cut for the burial of upper skeleton 3035. Finds include a copper alloy cartridge case (Appendix 5, no. 11).

Skeleton 3051 was the earlier burial and was in a good condition and 76–100% complete. There was slight damage to the front of the skull, the vertebrae and the pelvis. The ribs were not present, possibly due to the presence of the heavily corroded iron coffin plate (3052), which had removed in fragments from this area. Skeleton 3051 was a possible male, aged 50+ years at death and had a stature of 168 cm. The skeleton was in a supine position with the head to the west and feet to the east. The coffin remains (3049) comprised a coffin stain that measured 1.8 m in length, a very corroded and fragmented rectangular iron breastplate, six iron grip plates and grips located at the head, feet, and right and left sides of the chest and legs. A single row of iron upholstery studs outlined the margin of the lid.

Skeleton 3035, the later burial, was in good condition and 76–100% complete. The vertebrae and ribs were poorly preserved, the remaining bones in a fair to good condition. The hands were resting on the pelvis, and the left foot was on top of the right. This male individual was 50+ years at the time of death and had a stature of 164 cm. The skeleton was in a supine position with the head to the west and feet to the east. The associated coffin remains (3053) comprised a faint and discontinuous coffin stain and iron fixing nails.

Group 3330 (Pile Trench 3008) – Graves 3064 and 3047

Group 3330 comprises grave 3064 (skeleton 3061) and grave 3047 (skeleton 3045) which truncated the upper fill of grave 3064. Both skeletons were adult males, and interestingly, both were amputees.

Ovoid grave 3064 had a flat base and vertical sides, and measured 2.2 m x 0.8 m. Its fill 3063 was compact

mid-brown sandy-silt containing numerous pebbles. Residual finds included pottery, animal bone, metal, wood and clay pipe stems.

Grave 3047 was sub-rectangular in shape and measured 2.2 m x 0.8 m x 0.6 m deep. Its fill 3046 was soft mid-brown silty sand, containing sub-angular and rounded gravel pebbles and a small proportion of charcoal.

Grave 3064

Skeleton 3061 was in excellent condition, and was 76–100% complete. The feet and hands were missing. The individual was a male aged 30–40 years at death, and had a stature of 163 cm. The body was laid in a supine position, head to the west and feet to the east. Remains of the associated coffin (3066) comprised a coffin stain (a single break type), a Fe breastplate, grips (located along the long axis of the coffin) and fixing nails.

Grave 3047

Skeleton 3045 was 76–100% complete and was in good condition. The individual was a male aged 35–45 years at death, and had a stature of 161 cm. The body was laid in a supine position, head to the west and feet to the east. The associated coffin (3062) was only discernible from a coffin stain (single break type), Fe grips at the head and sides, and Fe fixing nails.

Group 3380 (Pile Trench 3007) - Graves 3127, 3093, 3381 and 3383

This group comprised four graves and at least two phases of burial. One grave (3127) contained two pairs of inhumations; the other graves contained single inhumations. There were seven burials in all.

The earliest grave 3127 contained two pairs of burials: skeletons 3191 and 3212, which lay below skeletons 3162 and 3211, respectively. The grave cut was sub-rectangular with vertical sides and a flat base, and measured 1.15 m E-W x 2.2 m N-S x 0.6/0.7 m deep.

Grave 3093 truncated the upper fills of grave 3127, and contained a single inhumation (skeleton 3101). The grave was rectangular with vertical sides and a flat base and measured 2 m long x 0.60 m wide x 0.35 m deep. Finds included a penny possibly of George II (SF3000: Appendix 5 no. 12).

Grave 3381 was located immediately to the south of grave 3093. The relationship between the graves was uncertain. Grave 3381 contained a single individual (skeleton 3083) in a sub-rectangular cut, measuring 2.2 m long x 0.30 m wide x 0.10/0.20 m deep. Grave 3383 truncated this grave. The fill (3382) was grey brown sandy silt with stony inclusions.

Grave 3383 contained skeleton 3385, and the grave cut was rectangular, and measured 2 m long x 0.4 – 0.50 m wide. The fill (3384) was a firm mid orange/brown sandy silt with occasional round and angular stones and charcoal.

Grave 3127 lower burials

Skeleton 3191 was in a good state of preservation, and was 76–100% complete. The remains were those of an adult male, aged 50+ years at death, of estimated stature of 166 cm. The skeleton was in a supine position with the head to the west and feet to the east. No coffin or fittings were recorded.

Skeleton 3212 was also in a good state of preservation and was 76–100% complete. The remains were of an adult male, aged 40+ years at death, and estimated stature was 172 cm. The skeleton was in a supine position with the head to the west and feet to the east. A slight coffin stain and fragments of breastplate, nails, studs and grips defined associated coffin 3225. A shroud pin was found with this burial (SF3013: Appendix 5, no. 14).

Grave 3127 upper burials

Skeleton 3162 was in a poor state of preservation, but was 76–100% complete. The remains were those of an adult male aged 50+ years at death, and with an estimated stature of 165 cm. The skeleton was in a supine position with the head to the west and feet to the east. The associated coffin (3165) comprised a faint coffin stain and a few fragments of wood (single break type). Fe fixing nails and grips were also present. A fragment of shroud fabric and a pin were also recovered (SF3011: Appendix 5, no. 15).

Skeleton 3211 was in a good state of preservation and was 76–100% complete. The remains were those of an adult male age 40+ years of estimated stature of 163 cm. The skeleton was in a supine position with the head to the west and feet to the east. No coffin stain was recorded but Fe nails and studs were recovered in the backfill (3128). No context number was assigned.

Grave 3093

Skeleton 3101 was well preserved, and was 76–100% complete. The individual was a male aged 35–40 years. Its stature was 166 cm. The skeleton was in a supine position with the head to the west and feet to the east. No associated coffin was recorded, but a fragmentary shroud pin with textile fragments was found (Appendix 5, no. 13). A possible George II penny was also found (Appendix 5, no. 12).

Grave 3381

Skeleton 3083 was a later burial. The human remains were in a good state of preservation and were 51–75% complete. The remains were those of an adult male age 50+ years at death, with a stature of 170 cm. The skeleton was in a supine position with the head to the west and feet to the east. Iron fixing nails were present within the cut, but no other evidence of a coffin was recovered (no context number was assigned).

Grave 3383

Skeleton 3385 was the latest burial in the sequence. These remains were well preserved and the skeleton was 51–75% complete. The remains were those of an adult male aged between 40+ years at death, and a stature of 163 cm. The skeleton was in a supine position with the head to the west and feet to the east. The associated coffin was known only from iron fixing nails (no context number was assigned).

Group 3390 (Pile Trench 3009) - Grave 3239

Sub-rectangular grave 3239 contained three adult male inhumations (skeletons 3272, 3269 and 3241). The grave had vertical sides and a flat base, and was truncated by a concrete slab. The dimensions were 2 m long x 0.7 m wide x 0.7 m deep. The fill (3238) of the grave was loose, mid-brown sandy silt with 5% gravel and 1% CBM, which had been markedly disturbed as a result of root activity. A shroud pin (SF3016: Appendix 5, no.16) was found in the grave fill.

Skeleton 3272, the earliest burial was in good condition and was 76–100% complete. The individual was a male aged 40–45 years at the time of death, with a stature of 160 cm. The skeleton was laid in a supine position. The evidence for the coffin (3273) comprised only Fe coffin nails.

Skeleton 3269, the second burial, was in an excellent state of preservation, and was 76–100% complete. This male individual was aged 50+ years at the time of death, with a stature of 162 cm. The skeleton was laid in a supine position. The only evidence for associated coffin (3271) was a small quantity of Fe nails. Shroud pins were also recovered.

Skeleton 3241, the latest of the three burials, was in a good state of preservation and was 76–100% complete. This male individual, of stature 166 cm, was aged 50+ years at the time of death. The skeleton was laid in a supine position. The only evidence for a coffin (3242) associated with this burial was Fe nails.

Group 3410 (Pile Trench 3010) – Grave 3131

Sub-rectangular grave cut (3131) contained three inhumations (3132, 3144 and 3152). One of these burials (3132) was an adolescent of undefined sex, whilst the two others were adult males. The grave had vertical sides and a flat base. The dimensions were 2 m x 0.56 m x 0.89 m. The fill (3129) consisted of loose, mid-grey sandy silt with yellow lenses and included 5% gravel and 1% CBM. Some disarticulated bone (3171) that may have been charnel or the disturbed remains from skeleton 3168 was recovered from the east end of the grave.

Skeleton 3132, the earliest of the burials, was in a poor state of preservation and was 76–100% complete. The skeleton was an adolescent, aged 12–14 years. Sex could not be identified. The associated coffin (3172) was poorly preserved, but Fe fixing nails (unnumbered) and a very corroded Fe breastplate were identified.

Skeleton 3144, the middle inhumation, was in a good state of preservation, and was 76–100% complete. The remains were of an adult male aged 50+ years at death, with a stature of 168 cm. The coffin (3145) was identified only from the presence of ten Fe nails.

Skeleton 3152 was the most recent of the three burials. It was in a good state of preservation, and was 76–100% complete. The remains were those of an adult male aged between 40+ years at death, with a stature of 167 cm. Associated coffin 3153 was identified by Fe fixing nails alone.

Group 3450 (Pile Trench 3011) - Grave 3074

Rectangular grave 3074 contained four adult male inhumations (3107, 3106, 3105 and 3072) stacked one above the other. The grave had vertical sides and a flat base. It measured 2.22 m east to west x 0.74 m north to south, and was 0.95 m deep. The fill (3073) contained animal bone, CBM, pottery, shell, glass, clay pipe, and Fe coffin fittings.

Skeleton 3107 was the earliest inhumation in grave cut 3074. The skeleton, which was 76–100% complete and in good condition, was an adult male aged 40+ years at death, with a stature of 166 cm. The skeleton was laid in a supine position with head to the west and feet to the east. Associated coffin (3228) was defined by a coffin stain and Fe studs, four grips, and fixing nails.

Skeleton 3106 was interred above skeleton 3107. The skeleton was 76–100% complete and in a good condition, and was a male, aged 40+ years at death, with a stature of 163 cm. Some mixing with the small bones of skeleton 3107 may have occurred. The skeleton was laid in a supine position with head to the west and feet to the east. Fe fixing nails and studs recovered from the fill defined the associated coffin (3104). A very corroded breastplate and grips were also recovered, although it is uncertain whether these were originally part of coffin 3104, or coffin 3071 (burial 3072) (see below).

Skeleton 3105 was above skeleton 3106 and was 76–100% complete, although mixing of elements with other skeletons may have occurred. The skeleton was in a good condition. It was a male aged 45+ years at death, and had a stature of 172 cm. The skeleton was laid in a supine position with head to the west and feet to the east. The associated coffin (3104) was defined by the presence of Fe coffin fittings with some wooden coffin edge and a badly corroded breastplate. Again, mixing may have occurred.

Skeleton 3072 was the latest inhumation in the sequence. It was 76–100% complete and in poor condition. The skeleton was an adult female aged 40+ years. It had slumped badly onto skeleton 3105. The grave had been heavily disturbed by root action. The skeleton was laid in a supine position with head to the west and feet to the east. The associated coffin (3071) was defined by wood fragments and a faint coffin stain, plentiful Fe studs, grips and a possible breastplate. Possibly mixed with the fittings of coffin

3104. A copper alloy shroud pin with attached fabric was found at the top of the occipital bone on the left side of the skeleton (SF3003: Appendix 5, no. 17).

Group 3480 (Pile Trench 3015) – Graves 3078 and 3091

This group comprised two grave cuts. The earliest grave (3078) contained a single inhumation (skeleton 3102), and was truncated by grave 3091. Grave 3091 contained four adult male inhumations (3164, 3103, 3108 and 3139). The cut measured 2.3 m long x 0.7 m wide x 0.35 m deep. It was oval in outline and had a flat base and vertical sides. Grave 3091 cut an earlier grave (3078) to the west. Disturbed material from the truncated grave was re-deposited within grave 3091. Pottery, bone, glass, metal and wood fragments were present.

Grave 3078

Skeleton 3102, the earliest skeleton, was in grave 3078 (which had been cut by grave 3091). The skeleton was 51–75% complete, and in good condition. The skeleton was a possible male, aged 40–45 years, with a stature of 163 cm. The body had been laid in a supine position, with the head to the west and feet to the east. The evidence of an associated coffin (3109) included a fragmentary breastplate, fragments of grips and grip plates as well as Fe fixing nails.

Grave 3091

Skeleton 3164 is the earliest burial in 3091, was well preserved and 76–100% complete. The remains were of a 30–40 year old male, with a stature of 170 cm. The skull showed green staining on the right mandible, possibly from a brass shroud pin. The body had been laid in a supine position, with the head to the west and feet to the east. An incomplete coffin stain and Fe fixing nails, studs, and fragments of iron breastplate represented associated coffin 3163.

Skeleton 3103 was the second burial, was in good condition and was 76–100% complete. The burial was a male aged 50+ years, with a stature of 164 mm. There was possible co-mingling with the later burial skeleton 3108 (see below) due to slumping. The body had been laid in a supine position, with the head to the west and feet to the east. Associated coffin 3111 was represented by Fe coffin nails, five grips (located at the head and sides) and a breastplate.

Skeleton 3108 was the third burial, was in a good condition and was 76–100% complete. The individual was a male aged 30–40 years at death, with a stature of 174 cm. The body had been laid in a supine position, with the head to the west and feet to the east. The associated coffin (3138) was represented by Fe fixing nails, studs and a breastplate. It is possible that due to slumping this burial had become a little mixed with the earlier burial skeleton 3103 (above).

Skeleton 3139, the fourth and latest burial overlay skeleton 3108, was in a good state of preservation

and was 51–75% complete. The remains were of an adult male aged 40–45 years, with a stature of 165 cm. The body had been laid in a supine position, with the head to the west and feet to the east. No coffin remains were recorded.

Group 3490 (Pile Trench 3015) - Grave 3114 and Charnel pit 3233

Grave 3114 was contained two adult male inhumations (skeletons 3115 and 3229), which overlay a charnel pit (3233). Grave 3114 measured 1.75 m east to west x 0.7 m north to south. It was 0.5 m deep. It appeared that inhumation 3115 was stacked directly above 3229, and that the grave had been back-filled in a single event.

The rectangular charnel pit 3233 measured 0.6 m east to west x 0.56 m north to south, and was 0.15 m deep. It had vertical sides and was truncated at the top by the cut of grave 3114. The fill (3113) of grave 3114 contained a relatively high concentration of disarticulated human bone, which probably derived from the charnel pit.

Skeleton 3229 was in good condition and was 76–100% complete. The individual was an adult male of 45+ years at death and had a stature of 169 cm. The body had been laid in a supine position, with the head to the west and feet to the east. The presence of a coffin (3231) could only be inferred from Fe fixing nails and studs.

Skeleton 3115 was 51–75% complete and in poor condition. This individual was an adult male of 60+ years at time of his death and had a stature of 173 cm. The body had been laid in a supine position, with the head to the west and feet to the east. The associated coffin (3116) was inferred by the presence Fe coffin fixing nails.

Group 3550 (Pile Trench 3015) - Grave 3118

Rectangular grave cut 3118 contained a single inhumation (skeleton 3119). The sides of grave 3118 were vertical and the base flat. It measured 1.8 m east to west x 0.65 m north to south, and was 0.43 m deep. It was filled by 3120. Grave group 3550 overlay Groups 3490 (above) and 3560 (below).

Skeleton 3119 was well preserved and was 76–100% complete. The skeleton was that of an adult male 40+ years at the time of death and had a stature of 174 cm. The body had been laid in a supine position, with the head to the west and feet to the east. The presence of associated coffin 3121 was indicated by Fe fixing nails and two grips.

Group 3560 (Pile Trench 3015) - Grave 3123

Sub-rectangular grave (3123) contained a single possible adult male inhumation (skeleton 3124). The grave cut measured 0.65 m east to west x 0.54 m north to south x 0.42 m deep. The associated coffin (3125) was represented by Fe coffin fittings including a breastplate (3226).

Skeleton 3124. The bone condition was good, but because of truncation by structure 3626, only the head and torso were visible (0–25% complete). This individual was a possible adult male aged 30–50 years at death, and had a stature of 163 cm. The skeleton lay in a supine extended position.

Group 3570 (Pile Trench 3014) – Grave 3095

Sub-rectangular grave 3095 contained two adult male inhumations (skeletons 3098 and 3099), the latter overlying the former. The grave measured 2.10 m long x 0.58 m wide x 0.22 m deep, and had a flat base and vertical sides. It had been truncated by cut 3142. The fill (3096) was loose mid brown silty sand with 15% rounded pebble inclusions, and some pottery and glass fragments. There was extensive root intrusion throughout.

Skeleton 3098, the earlier inhumation, was in an excellent state of preservation and was 76–100% complete. This individual was an adult male of 45+ years at the time of death and had a stature of 174 cm. The skeleton was in a supine position, head to the west and feet to the east; some of the hands and feet bones may have become mixed. The associated coffin (3097) was identified as the single break type from a coffin stain, a fragmented Fe breastplate, Fe fixing nails, studs and grips.

Skeleton 3099, the later inhumation, was in an excellent state of preservation and was 76–100% complete. The skeleton was an adult male of 35–45 years at the time of death. He had stature of 169 cm. The skeleton was in a supine position, head to the west and feet to the east; it is possible that the hands and feet bones had become mixed. The associated coffin (3134) was identified as a single break type from a coffin stain and Fe fixing nails.

Group 3580 (Pile Trench 3014) – Grave 3142

Grave 3142 contained one adult male inhumation and one possible adult male (skeletons 3143 and 3189). The grave was sub-rectangular with vertical sides and a flat base. The dimensions were 2.18 m long x 0.55 m wide x 0.62 m deep. It cut three earlier grave groups: 3510, 3840 and 4090. In turn, the group was cut by 3156 (part of group 3870) to the east. The fill (3141) consisted of loose, marbled (mid-brown/orange brown) silty sand with 15% rounded pebbles and 0.5% flint inclusions.

Skeleton 3189, the earlier inhumation, was in a poor state of preservation, and was 51–75% complete. The remains were of an adult male aged 50+ years at death, with an estimated stature of 167 cm. The burial was aligned W-E, and was laid out in an extended and supine position. The associated coffin (3188) was identified from the presence of iron fixing nails only.

Skeleton 3143, the later inhumation, was in a good state of preservation and was 76–100% complete. The remains were those of a possible adult male aged 40+ years, with a stature of 165 cm. The burial was aligned W-E, and was laid out in an extended and supine

position. The associated coffin (3161) was identified from a coffin stain and a severely corroded Fe breastplate, nails and studs.

Group 3590 (Pile Trench 3012) - Grave 3149

Sub-rectangular grave 3149 contained three inhumations (skeletons 3176, 3151 and 3148) located directly one above the other. All three were adult male skeletons. The upper fill of the grave had been heavily truncated by modern construction. The grave cut measured 2.1 m east to west x 0.6 north to south x 0.4 m deep. The fill (3133) was firm dark brown silty sand with 15–20% rounded pebbles.

Skeleton 3176, the earliest skeleton, was 76–100% complete and in good condition. This individual was a male 45–55 years at the time of death, and had a stature of 174 cm. The skeleton was laid out in a supine position, with the head to the west and feet to the east. No coffin details recorded.

Skeleton 3151, the second inhumation, was in excellent condition and 76–100% complete. This individual was a male 35–45 years old at the time of death and had a stature of 168 cm. The skeleton was laid out in a supine position, with the head to the west and feet to the east. No coffin details recorded.

Skeleton 3148 the latest inhumation was in a good state of preservation and was 76–100% complete. This adult male was 50+ years at the time of death, and had a stature of 177 cm. The skeleton was laid out in a supine position, with the head to the west and feet to the east.

Group 3600 (Pile Trench 3013) - Grave 3207

Grave 3207 contained two adult male inhumations (skeletons 3208 and 3213). The grave was sub-rectangular in shape, with vertical sides and a flat base. Its dimensions were 2.20 m long x 0.70 m wide x 0.50 m deep. The fill (3206) consisted of a loose mid-brown sandy silt with 5% gravel and 1% CBM. The grave was truncated by later grave group 3610 (see below).

Skeleton 3213, the earlier inhumation, was excellently preserved and was 76–100% complete. The individual was an adult male, aged 45–55 years at death, with a stature estimated at 171 cm. The skeleton was laid in an extended supine position and oriented W-E. The associated coffin (3214) was evident from Fe fixing nails only.

Skeleton 3208, the later inhumation, was in a good state of preservation and was 76–100% complete. The skeleton was an adult male, aged between 40–50 years at death, with an estimated stature of 164 cm. The skeleton was laid in an extended supine position and oriented W-E. The associated coffin (3209) was identified from Fe fixing nails only.

Group 3610 (Pile Trench 3013) - Grave 3175

Grave 3175 contained a single adult female inhumation (skeleton 3174). The cut measured 2.05 m x 0.65 m x 0.20 m deep.

Skeleton 3174 was 76–100% complete and the preservation was excellent. This female was 50+ years at time of death, and had a stature of 159 cm. The burial had been laid out in a supine position with the head to the west and feet to the east. The evidence for the associated coffin 3173 comprised a coffin stain, Fe fixing nails, Fe grips and grip plates (at the foot and on sides), studs, and a very corroded and fragmentary breastplate. The coffin was of single break type.

Group 3620 (Pile Trench 3015) - Graves 3631, 3627 and 3621

This group comprised three single inhumation burials (graves 3631, 3627 and 3621) that had been dug one above the other.

Grave 3631 (skeleton 3632) was the earliest in the sequence. It was a lozenge-shaped cut with a flat bottom measuring 0.72 m long x 0.38 m wide x 0.15 m deep contained skeleton. Grave 3627 truncated the grave and the foundation trench (3625) for wall footing 3626 obscured its east end.

Grave 3627 (skeleton 3628) was also lozenge-shaped, and measured 0.80 m long x 0.48 m wide x 0.5 m deep. The remains were orientated west-east and lay in a supine extended position. Grave 3621 truncated the grave and the foundation trench (3625) destroyed its east end.

Grave 3621 (skeleton 3623) had a truncated sub-rectangular grave cut (3621), which had vertical sides and a flat base. It measured 0.88 m long by 0.7 m wide. The east end of the grave was lost to the foundation trench (3625) for wall footing 3626.

The fills of all three graves were similar and described as friable, orange/brown silty sand with 20% mixed gravel.

Grave 3631

Skeleton 3632 was in a good state of preservation but was only 26–50% complete. Truncation resulted in the absence of the lower limbs. The individual was male, aged 40+ years, with a stature of 169 cm. No associated coffin was recorded.

Grave 3627

Skeleton 3628, although in a good state of preservation, was only 26–50% complete because the lower limbs were missing. The remains were those of an adult male, aged 40+ years, with a stature of 168 cm. No evidence for a coffin was recovered.

Grave 3621

Skeleton 3623 was in a good state of preservation, but was only 26–50% complete. The lower arms and torso and the legs had been truncated by the foundation trench for wall 3626. The individual was an adult male, aged 50+ years at death, of unknown stature. The coffin was represented by a partial coffin stain (3622).

Grave Group 3630

Ovoid grave 3179 contained the single inhumation of an adult male (3182). The grave cut had slightly sloping sides and a flat base and measured 2.3 m long x 0.8 m wide x 0.4 m deep. The fill (3181) was a soft, yellowish brown with occasional charcoal fragments.

Skeleton 3182 was well preserved and was 76–100% complete. The individual was an adult male, aged 50+ years at death, and with a stature of 159 cm. The inhumation lay in a supine extended position. The coffin (3183) of single break type was defined by slight staining and by Fe nails, a grip (at the foot of the coffin) and a fragment of breastplate.

Group 3690 (Pile Trench 3014 - Grave 3219)

Grave 3219 contained a possible female adult inhumation (skeleton 3223). The sub-rectangular grave had vertical sides with a sharp break of slope leading to a flat base. The recorded dimensions were 1.85 m long x unknown width x 0.21 m deep. The fill (3221) was a loose, mid-brown sandy silt with 10% rounded pebbles.

Skeleton 3223 was poorly preserved and was 51–75% complete. Much of the right side of the skeleton had been disturbed by truncation by a later grave 3215. The skeleton was that of a possible female, aged 40+ years at death, and had a stature of 157cm. The skeleton was laid in an extended supine position. The associated coffin (3222) of single break type was represented by a coffin stain, corroded fragments of Fe breastplate, corroded Fe fixing nails, Fe studs and coffin grips at the foot and along left side of the coffin.

Group 3700 (Pile Trench 3014) - Grave 3236

Grave 3236 contained the single inhumation of an adult female (skeleton 3245). The grave cut was sub-rectangular with vertical sides and a flat base. Its dimensions were 2.22 m long x 0.38 m deep. The fill (3237) was firm dark to mid-brown silty sand with 10–15% rounded pebbles.

Skeleton 3245 was poorly preserved and only 51–75% complete. The remains were those of an adult female, aged 35–45 years, of unknown stature. The skeleton was aligned W-E, and laid out in a supine, extended position. A single break wooden coffin (3246) contained the above skeleton. The coffin evidence comprised a clear coffin stain (dimensions: 1.65m long x 0.45 m wide at shoulders), Fe fixing nails and studs, a breastplate, and five grips (at the head, foot and sides of coffin).

Group 3800 (Pile Trench 3012) - Grave 3198

Grave 3198 contained three inhumations (3253, 3243 and 3201). The three inhumations were adults, two males and one of undefined sex. The grave was an elongated oval shape in plan, with vertical sides, a sharp break of slope and a flat base. It measured 2.12 m long x 0.66 m wide x 0.30 m deep. Some truncation

had occurred during machine excavation. The fill of this cut (3199) consisted of a soft, yellowish brown silty sand with 10% rounded pebbles. Grave 3198 cut grave 3257 (group 4070) and grave 3185 (group 3810).

Skeleton 3253, the earliest of the three inhumations, was in a good state of preservation and 76–100% complete. The remains were those of an adult male aged 50+ years at death, with an estimated stature of 168 cm. The burial was oriented W-E in a supine extended position. An associated coffin (3254) was identified from Fe fixing nails. A shroud pin was found with this burial (SF3014: Appendix 5, no.18).

Skeleton 3243, the second burial, was in a good state of preservation and was 75–100% completeness. The remains were those of an adult male aged 40+ years with an estimated stature of 171 cm. The burial was oriented W-E in a supine extended position. The associated coffin (3244) was identified from Fe fixing nails.

Skeleton 3201 the last burial in the sequence appeared to have suffered prior disturbance but was described from field notes as being in good condition. The skull, hands, feet and left leg were missing. On site recording indicated an adult of undetermined sex. The burial was oriented W-E in a supine extended position. There is no evidence for an associated coffin, possibly as a result of truncation of the burial mechanical excavation. This skeleton was not included in the skeletal assemblage.

Group 3810 (Pile Trench 3012) - Grave 3185

Grave 3185 contained a single adult male inhumation (skeleton 3187). The grave cut had been heavily truncated, but was sub-rectangular with very shallow sides and a flat base. The dimensions were 1.6m long x 0.5m wide x 0.10m deep. The fill (3186) was firm, dark greyish brown sandy silt with 10–20% small stones.

Skeleton 3187 was in a good state of preservation and was 26–50% complete. The individual was an adult male aged 40+ years, with a stature of 178 m. The skeleton had been laid out W-E in a supine extended position. No evidence for a coffin was recovered.

Group 3870 (Pile Trench 3014) - Grave

Grave 3156 contained a single adult male inhumation (3159). The sub-rectangular grave cut had vertical sides and a flat base. Its dimensions seem to have been 1.10 m long x 0.6 m wide x 0.38 m deep, but it extended beyond the eastern limit of the excavation. The fill (3157) was loose silty sand with rounded pebbles.

Skeleton 3159 was in a good state of preservation and was 51–75% complete. It was the skeleton of an adult male aged 45+ years at death, and had a stature of 166 cm. The skeleton had been laid out in an extended supine position. Fe fixing nails, studs and three coffin grips (at the head and shoulders) represented the associated coffin (3158). No coffin wood

survived but a single break shape could be discerned from the coffin stain.

Group 4050 (Pile Trench 3010) - Grave 3167

Sub-rectangular grave (3167) contained two inhumations (skeletons 3168 and 3177). The grave had vertical sides and a flat base. The dimensions were 2 m long x 0.7 m wide x 0.91 m deep. Both skeletons were adult males. The fill (3166) consisted of loose, mid-brown sandy silt with 5% gravel and 1% CBM. The group was truncated to the west by grave group 3410, and to the east by an unnumbered and unexcavated grave.

Skeleton 3177 was the earlier of the two burials. It was in a good state of preservation and was 51–75% complete. The remains were of an adult male aged 45–55 years, with an estimated stature of 174 cm. Laid out supine extended and oriented W-E.

Skeleton 3168, was the later burial. Preservation of the bone was excellent, and the skeleton was between 79–100% complete. The remains were those of an adult male aged 50+ years, with an estimated stature of 168 cm. Some disturbed bone was assigned to this skeleton. Laid out supine extended and oriented W-E. The associated coffin (3169) was defined by Fe nails only.

Group 4060 (Pile Trench 3010) - Grave

Grave 3193 contained two adult male skeletons (3194 and 3202). The grave cut was sub-rectangular with vertical sides and a flat base, and measured 2.1 m long x 0.8 m wide x 0.75 m deep. The fill (3192) was a loose, mid greyish brown sandy silt with 5% gravel and 1% CBM.

Skeleton 3202 was the earlier of the two burials. It was in a good state of preservation and 76–100% complete. The remains were those of an adult male aged 40+ years at death, of stature 163 cm. Laid out in a supine extended position and broadly aligned W-E. Associated coffin (3203) was defined by the presence of Fe fixing nails but no coffin furniture or wood was extant.

Skeleton 3194 was the later burial. Its preservation was excellent and it was 76–100% complete. The remains were of an adult male, aged 40+ years, with a stature of 166 cm. Laid out in a supine extended position and broadly aligned W-E. Only Fe fixing nails suggested the presence of an associated coffin (3195).

Group 4070 (Pile Trench 3012) - Grave 3257

Grave cut 3257 contained two adult male inhumations (skeletons 3258 and 3261). The grave was sub-rectangular with vertical sides and a flat base. It measured 1.80 m long x 0.40 m wide by 0.25 m deep. The fill (3256) was a loose mid-brown sandy silt with 5% gravel and 5% CBM.

Skeleton 3258 was in an excellent state of preservation, and 51–75% complete. The individual was an

adult male, aged 40+ years at death. The estimated stature was 162cm. The associated coffin (3259) was represented by Fe fixing nails. No other elements survived.

Skeleton 3261 was well preserved and was 76–100% complete. The remains were those of an adult male aged between 30–40 years at the time of death. The stature was 174 cm. Two Fe fixing nails represented the coffin (3262) associated with this burial.

Group 4090 (Pile Trench 3014) - Grave 3215 and Charnel pit 3234

Grave 3215 contained an adult male inhumation (3218) and a quantity of charnel (3235) in a pit (3234). The sub-rectangular grave had vertical sides with a flat base and measured 2.03 m long x 0.67 m wide x 0.18 m deep. The fill (3216) was loose mid-brown silty sand with 15% rounded pebbles. The skeleton 3218 had been laid out in a supine extended position.

Beneath the skeleton a charnel pit 3234 was located within the eastern part of grave 3215. The relationship between grave and pit was uncertain: pit 3234 may have been contemporary with, or cut by, 3215. The cut for the charnel pit was rectangular with vertical sides and a flat base. The recorded dimensions were 0.63 m long x 0.23 m wide x 0.11 m deep. The charnel deposit (3235) was assigned to skeleton 3223. No coffin remains were recovered with the charnel.

Skeleton 3218 was in a good state of preservation and was 76–100% complete. The remains were those of an adult male aged 50+ years at death, with a stature of 160 cm. The associated coffin (3217) of single break type was represented by a coffin stain, a fragmented Fe breastplate, Fe studs, six grips (located at head, foot and sides) and Fe fixing nails.

Group 4100 (Pile Trench 3009) - Grave 3263

Double grave 3263 contained two pairs of adult inhumations (skeletons 3268 and 3276; and 3265 and 3274), one pair above the other. The grave cut was rectangular and measured 2.30 m long x 1.28 m wide x 1.15 m deep. It had vertical sides and a flat base. The fill (3264) was composed of graveyard soil and natural river gravels with 10% CBM. One piece of prehistoric pottery and some glass were found within the fill.

Grave 3263, lower burials

Skeleton 3268, was one of earlier inhumations. It was in excellent condition and was 76–100% complete. This possibly male individual was 35–45 years at the time of death, and had a stature of 168 cm. Body laid out in a supine position, with head to the west and feet to the east. No associated coffin was recorded.

Skeleton 3276 was the second earlier inhumation. It was in poor condition, and was 51–75% complete. This male individual was 50+ years at the time of death, and had a stature of 158 cm. Body laid out in a supine position, with head to the west and feet to the east. A few Fe nails defined the associated coffin.

Grave 3263, upper burials

Skeleton 3265, was in good condition, and was 76–100% complete. This male individual was 50+ years at the time of death and had a stature of 159 cm. Body laid out in a supine position, with head to the west and feet to the east.

Skeleton 3274 was the second of the later burials in grave 3263. It was in good condition and 76–100% complete. This possible male was 30–40 years at the time of death and had a stature of 154 cm. Body laid out in a supine position, with head to the west and feet to the east.

AREA 2 (Fig. 7)

Group 6020 (Pile Trench 6002) - Grave 6002

Grave 6002 had an unusually deep sub-rectangular double grave cut, and contained the inhumations of four adults buried in two pairs (skeletons 6017 and 6019, and 6003 and 6014), the former overlaying the latter. The cut (6002) had vertical sides and a flat base. It truncated north-south ditch 6008. The loose sandy fill (6001) of redeposited natural contained animal bone, pottery and clay pipe.

Grave 6002 lower burials

Skeleton 6019 was the earlier inhumation located on the south side of grave 6002. It was 76–100% complete and in good condition. The individual of unknown sex was aged 50+ years at death. Stature could not be determined. Body laid out in a supine position, with head to the west and feet to the east. A clear coffin stain (single break type) defined the associated coffin (6021) that measured 1.69 long, and the presence of Fe fixing nails.

Skeleton 6017 was the other early inhumation and was located on the north side of grave 6002. It was 76–100% complete and in good condition. The male individual was 40+ years at death, and had a stature of 169 cm. Body laid out in a supine position, with head to the west and feet to the east. A clear coffin stain (single break type) that measured 1.80 m long and 0.41 m at the shoulders defined the associated coffin (6018). Fe fixing nails were also present.

Grave 6002 upper burials

Skeleton 6003, the upper inhumation, located in the northern part of grave 6002. It was 76–100% complete and in poor condition. The right shoulder and ribs were missing. The male individual was aged 40–50 years at death, and had a stature of 156 cm. Body laid out in a supine position, with head to the west and feet to the east. The associated coffin (6004) was identified from a clear coffin stain (single break type) that measured 1.70 m by 0.55 m at the shoulders. Fe grips (x 4, located along the long axis), an illegible breastplate, Fe upholstery studs (outlining the edges of the lid) and Fe fixing nails were present.

Skeleton 6014, the upper inhumation located in the southern part of grave 6002, was 76–100% complete and in a good condition. It had slumped badly, and the ribs and vertebrae were decayed. The male individual was 40+ years at death, and had a stature of 168 cm. Body laid out in a supine position, with head to the west and feet to the east. The associated coffin (6015) was identified from a coffin stain (single break type), which measured 1.85 m x 0.40 m at the shoulders, and Fe fixing nails.

Group 6040 (Pile Trench 6000) - Grave 6062

Rectangular grave 6062 was a double grave containing four adult male inhumations buried in two pairs (skeletons 6073 and 6103, and 6063 and 6096), one above the other, respectively. The grave cut measured 2.10 m x 1.35 m x 1.50 m deep, and had vertical sides and a flat base. It was excavated by machine, and only one piece of clay pipe was retrieved from the fill.

Grave 6062 lower burials

Skeleton 6073, the earlier inhumation on the south side of the grave was 76–100% complete and in a good condition. The male individual was aged 50+ years at death, and had a stature of 161 cm. Fe fixing nails and studs (although some may have originally belonged to an unexcavated grave to the north) represented the associated coffin (6074).

Skeleton 6103, the earlier inhumation on the north side of the grave, was 76–100% complete and in poor condition. The male skeleton was aged 50+ years at death, and had a stature of 171 cm. The associated coffin (6104) was identified from Fe fixing nails.

Grave 6062 upper burials

Skeleton 6063, the upper inhumation on the south side of the grave, was 76–100% complete and in a good condition. The male individual was 50+ years at death, and had a stature of 168 cm. It had slumped badly at the northern end. The associated coffin (6064) was identified from Fe fixing nails.

Skeleton 6096, the upper inhumation on the north side of the grave was 76–100% complete and in a good condition. It was also badly slumped to the northern end. The left arm was disarticulated from the shoulder, probably post-mortem. The male individual was 50+ years at death, and had a stature of 179 cm. The associated coffin (6097) was identified from a coffin stain, ornate studwork, a grip, and Fe fixing nails.

Group 6070 (Pile Trench 6001) - Grave 6009

Rectangular grave 6009 contained two adult male inhumations (skeletons 6013 and 6016), positioned one above the other. The grave cut measured 2.4 m x 0.65 m and 1.7 m deep, and had vertical sides and a flat base. The fill (6011) contained large pieces of CBM, occasional coal and charcoal, animal bone, pottery, glass and oyster shell.

Skeleton 6016, the lower and earlier inhumation, was 76–100% complete and in a good condition. The male individual was aged 45–60 years at death, and had a stature of 166 cm. Body laid out in a supine position, with head to the west and feet to the east. The associated coffin (6031) was identified from a coffin stain and Fe coffin-fixing nails.

Skeleton 6013, the upper inhumation, was 51–75% complete and in a poor condition. Root action had caused significant damage: the skull was largely destroyed and the right side of the body much disturbed. The bones were soft and friable. The male individual was aged 40–50 years at death, and had a stature of 167 cm. Body laid out in a supine position, with head to the west and feet to the east. A coffin stain (single break type) that measured 1.80 m x 0.45 m at the shoulders defined the associated coffin (6012). Fe coffin fixing nails were also present.

Group 6120 (Pile Trench 6003) - Grave 6032

This group comprised a grave (6032) containing two adult male inhumations (skeletons 6092 and 6094), the first positioned directly above the second. The rectangular grave cut measured 2.48 m x 0.66 m x 1.7 m deep. CBM, pottery, shell, glass and clay pipe were found within the fill (6033).

Skeleton 6094, the earlier inhumation, was 51–75% complete and in poor condition. The male individual was 40–50 years at the time of death and had a stature of 162 cm. Body was laid out in a supine position, with head to the west and feet to the east. The associated coffin (6095) was defined by a coffin stain (dimensions 1.75 m long x 0.38 m at shoulders), and Fe fixing nails. A very fragmentary and corroded copper alloy shroud pin (SF 6008) was recovered, but no details of its precise location were recorded (Appendix 5, no.19).

Skeleton 6092, the later inhumation was 51–75% complete and in poor condition. This individual was adult male aged 40+ years, and had a stature of 160 cm. Body laid out in a supine position, with head to the west and feet to the east. The associated coffin (6091) was identified from Fe fixing nails and fragments of coffin wood. The coffin stain was incomplete.

Group 6150 (Pile Trench 6004) - Grave 6026

A rectangular double grave 6026 contained four adult inhumations buried in two pairs (skeletons 6056 and 6058; 6027 and 6053), placed one on above the other. The skeletons comprised two males, one possible male and one possible female. The grave cut measured 2.55 m long x 1.54 m wide with no depth was recorded.

Grave 6026 lower burials

Skeleton 6056, one of the earlier inhumations, was a male, 76–100% complete and in good condition. The male individual was aged 50+ years at death, with a stature of 170 cm. Body laid out in a supine position,

with head to the west and feet to the east. The coffin stain (single break type), measuring 1.8 m long, and 0.4 m at the shoulders identified the associated coffin (6057). Small traces of decayed wood present. Fragments overlying skeleton indicated lid. Fe fixing nails and a grip were present. A copper alloy shroud pin was recovered (SF 6003: Appendix 5, no.21) in association with the coffin stain.

Skeleton 6058, the second lower inhumation, was a 50+ year old possible male. The skeleton was 76–100% complete and in excellent condition. The stature was estimated to 179 cm. The arms were folded across the chest and abdomen. Body laid out in a supine position, with head to the west and feet to the east. The associated coffin (6059) was represented by Fe fixing nails and one grip.

Grave 6026 upper burials

Skeleton 6027 lay directly above skeleton 6056, and was 76–100% complete and in good condition. A deluge mid-recovery had washed away some of the small hand and feet bones. The skeleton was a possible female, aged 50+ years, with a stature of 159 cm. Body laid out in a supine position, with head to the west and feet to the east. The associated coffin (6028) was represented by a coffin stain (single break type) that measured 1.80 m long x 0.40 m at the shoulders, and some wood fragments that were possibly part of the base of the coffin. Fe fixing nails, studs and a grip (some with wood fragments attached) were present. A copper alloy shroud pin was recovered in association with the coffin stain (SF 6000: Appendix 5, no.20).

Skeleton 6053 lay directly above skeleton 6058. It was the skeleton of a 40+ year old male, 76–100% complete and in good condition. Stature was 168 cm. Body laid out in a supine position, with head to the west and feet to the east. The associated coffin (6054) comprised a coffin stain (single break type) and wood fragments, including part of the base, much of which was washed away in a deluge. The coffin measured 1.8 m long x 0.35 m at the shoulders. One Fe grip, studs and fixing nails were also recovered.

Group 6250 (Pile Trench 6005) - Grave 6025

Sub-rectangular grave 6025 contained two adult male inhumations (skeletons 6023 and 6105), the former overlying the latter. Grave cut 6025 had vertical sides and a flat base, and measured 2 m east/west x 0.4–0.5 m north/south x 1.80 m deep. The fill contained pottery, animal bone, CBM, shell, charcoal and coal.

Skeleton 6105, the lower, earlier inhumation, was 76–100% complete and in a good condition. The skeleton was a male of 40+ years age, and a stature of 158 cm. The right arm lay beneath the pelvis, and the left above it. Body laid out in a supine position, with head to the west and feet to the east. The associated coffin (6106) was represented by Fe fixing nails, a breastplate and a coffin stain (single break type) that measured 1.75 m x 0.40 m at the shoulders.

A small find of a Cu alloy shroud pin (SF 6011) was found on the mandible (Appendix 5, no. 22).

Skeleton 6023 was 76–100% complete and was in a poor condition. Male individual aged 50+ years at death, with a stature of 176 cm. Body laid out in a supine position, with head to the west and feet to the east. The associated coffin (6022) was identified from a coffin stain and Fe fixing nails as a single break type.

Group 6270 (Pile Trench 6006) - Grave 6039

Sub-rectangular grave 6039 contained two adult male inhumations (skeletons 6035 and 6037). The grave cut had vertical sides and a flat base and measured 2.40 m long x 0.62 m wide x 1.82 m deep. The fill (6034) was a firm, light orange/brown, sandy silt with frequent gravel and rounded pebbles inclusions and a small quantity of ceramic building material (CBM).

Skeleton 6037, the earlier inhumation, was in a good state of preservation, and was 76–100% complete. The remains were those of an adult male, aged 45–55 years at death, with an estimated stature of 160 cm. The skeleton was laid out in an extended, supine position. Fragments of poorly preserved leather (SF6005) were discovered beneath the back and around the right side in the torso region of the skeleton. The leather was poorly preserved to identify the garment with any confidence. They could have been the remnants of a leather waistcoat or stays, but is perhaps more likely that they had a medical function perhaps as a truss worn for long-term rupture (see above Chapter 4; see also Appendix 5, no. 25). A coffin stain (single break type), measuring 1.77 m long x 0.38 m at the shoulders represented the associated coffin (6038). Fe fixing nails, some of which had wood fragments adhering to them, were present. As well as the fragment of leather (SF6005), two shroud pins (SF6004, SF6006) were associated with burial 6037 (Appendix 5, nos 26–27).

Skeleton 6035, the later inhumation, was in a good state of preservation, and 76–100% complete. The remains were those of an adult possible male, aged 35–45 years at death, with an estimated stature of 168 cm. The skeleton was laid out in an extended, supine position. Fragments of poorly preserved leather or textile (SF602) were discovered around the right side in the torso of the skeleton, possibly the remains of a garment or coffin lining (see Appendix 5, no. 24). A shroud pin (SF: 6001) was also recovered (Appendix 5, no. 23). The associated coffin (6036) was represented by a coffin stain, measuring 1.83 m long x 0.4 m at the shoulders, together with Fe nails and studs. The coffin was of single break type.

Group 6410 (Pile Trench 6009)

Group 6410 was not a grave but an earlier non-archaeological geotechnical test pit (probably test pit 4 of the OA watching brief in 1999). The rectangular cut (6065) measured 2.17 m x 1.0 m, and was filled by 6065. This fill contained debris from the excava-

tion and modern building materials and tarmac fragments. Amongst the finds were fragments of textile, possibly from shrouds (Appendix 5, no. 28).

Group 6420 (Pile Trench 6009) - Grave 6075

Rectangular grave 6075 contained one male adult inhumation and one possible male inhumation (skeletons 6089 and 6078). The grave had vertical sides and a flat base. The dimensions were 2.28 m long x 0.66 m wide x 1.26 m deep. The fill (6076) was loose, light brown gravelly sand with 15% larger gravel inclusions.

Skeleton 6089, the earlier inhumation, was in a good state of preservation and was 76–100% complete. The remains were those of an adult male, aged 35–45 years at death, with an estimated stature of 165 cm. The skeleton was laid out in an extended supine position. The associated coffin (6088) was represented by a coffin stain (single break type), a fragmented Fe breastplate (on which foliage motifs were observed), Fe fixing nails, studs and four grips (located at head and along sides of coffin). Cu alloy shroud pin was recovered (SF 6007: Appendix 5, no. 29).

Skeleton 6078, the later inhumation, was in a poor state of preservation and was 51–75% complete. The remains were those of a possible male adult, aged 40+ years at death, with an estimated stature of 168 cm. The skeleton was laid out in an extended supine position. The coffin (6077) was represented by an incomplete coffin stain (single break type), two Fe grips (located at foot and left side) and Fe fixing nails.

Group 6430 (Pile Trench 6009) - possible Grave 6099

This feature was a rectangular cut (6099) with vertical sides and a flat base (dimensions of 2.05 m long x 0.72 m wide x 1.50 m deep). The fill (6101) was firm orange/mid-brown sandy gravel with occasional roots. No articulated skeleton, disarticulated human remains or coffin remains were recovered. Bone within the fill proved to be four fragments of cattle long bone shaft.

Group 6460 - Grave 6084

Rectangular grave cut 6084 contained the four adult male inhumations in two pairs (6146 and 6151; and 6085 and 6142), the former pair being earlier. All lay in a supine position, with their head to the west and feet to the east. The grave cut (6084) measured 1.95 m long x 1.20 m wide.

Grave 6084 lower burials

Skeleton 6146 was 76–100% complete and in good condition. This male individual was 50+ years at the time of death, and had a stature of 175 cm. This skeleton lay beneath skeleton 6142. The associated coffin (6147) was represented a coffin stain (single break type). Fe fixing nails, grips, grip plates, studs and a breastplate (with wood fragments adhering to the

reverse) were recovered. Copper alloy shroud pins were found with this burial, one (SF6013) to the right of the mandible, and the second (SF6014) under the chin (Appendix 5, nos 31–32).

Skeleton 6151 lay directly beneath skeleton 6085. The former was 76–100% complete and in a good condition. This male individual was 45+ years at the time of death and had a stature of 165 cm. Associated coffin 6152 was identified from a coffin stain (single break type), measuring 1.76 m x 0.4 m at the shoulders, Fe fixing nails, studs and grip plates (with wood fragments attached). Three shroud pins were found with this burial, one (SF6015) by the right temporal bone, another (SF6016) under the left temporal bone, and the third (SF6017) beneath the skull (Appendix 5, nos 33–35).

Grave 6084 upper burials

Skeleton 6085 was located in the northern part of grave 6084 on the same level as skeleton 6142. The former was in good condition and was 76–100% complete. The skull was damaged. This male individual was 50+ years at the time of death, and had a stature of 166 cm. The associated coffin (6086) was represented by an incomplete coffin stain (single break type) and Fe studs with wood fragments adhering, fixing nails, grips and a poorly preserved breastplate.

Skeleton 6142 was 75–100% complete and in good condition. This male individual was 50+ years at the time of death, and had a stature of 174 cm. A coffin stain (single break type), measuring 1.90 m long and 0.40 m the shoulders represented the associated coffin (6143). Fe grips, studs and fixing nails were present. A copper alloy shroud pin (SF 6012) was found on the mandible (Appendix 5, no. 30).

Group 6540 (Pile Trench 6012) - Grave 6069

Sub-rectangular grave (6069) contained two adult male inhumations (skeletons 6128 and 6098), the former lying below the latter. The grave cut measured 2.37 m x 0.82 m x 0.76 m deep. It had vertical sides and a flat base. The lower fill (6121) had a depth of 0.52 m, and the upper fill (6071), a depth of 0.7 m.

Skeleton 6128, the earlier inhumation, was 51–75% complete and in a poor condition. This male individual was 50+ years at the time of death, his stature unknown. The body was laid out in a supine position, with the head to the west and feet to the east. The associated coffin (6129) was identified from a coffin stain (measuring 2.2 m long x 0.4 m at the shoulders) and Fe fixing nails. The coffin appeared trapezoid in shape.

Skeleton 6098, the later inhumation was 76–100% complete and in a poor condition. This male individual was 50+ years at the time of death, and had a stature of 166 cm. The body was laid out in a supine position, with the head to the west and feet to the east. Severely decomposed wood and Fe fixing nails represented the associated coffin (6072). The edges of the coffin revealed a single-break type, and remnants

of the collapsed lid directly overlay the skeleton the length of the coffin. Fragments of the base were also preserved. The coffin measured 1.80 m long by 0.38 m at the shoulders. It was possible to conclude that it had been constructed of wooden slats or narrow planks. Two shroud pins were found closely associated with the skeleton. One pin with a piece of cord, and shroud fabric in a possible clump of human hair (SF6009) was found at the right mandibular ramus, and a second shroud pin (SF6010) with a fragment of cord was found by the left hand mandibular ramus (Appendix 5, nos 36–37).

Group 6550 - Grave 6131

Grave 6131 contained a single adult female (skeleton 6132). The grave cut measured 1.95 m x 0.60 m x 0.08 m deep. It was heavily truncated by machine excavation.

Skeleton 6132 was 76–100% complete, and in an excellent condition. This female individual was 40–50 years at the time of her death, and had a stature of 162 cm. The skeleton lay in a supine position with head to the west and feet to the east. The associated coffin (6133) was represented by an incomplete coffin stain (single break type), Fe studs, fixing nails, three

grips (located along the long axis of the coffin) and fragments of a breastplate.

Group 6560 (Pile Trench 6007) - Grave 6081

Sub-rectangular grave 6081 contained two adult male inhumations (skeletons 6082 and 6113). The grave had vertical sides and measured 2.30 m long x 0.80 m wide x 1.45 m deep). The fill (6079) comprised a loose yellow sand with grey patches, containing inclusions of 25% gravel.

Skeleton 6113, the earlier inhumation, was in a good state of preservation and was 76–100% complete. The remains were those of an adult male aged 50+ years at death, with an estimated stature of 172 cm. The skeleton was laid out in an extended supine position. The associated coffin (6114) was represented by Fe fixing nails only.

Skeleton 6082, the later inhumation, was in a good state of preservation and was 76–100% complete. The remains were those of an adult male aged 40+ years, with an estimated stature of 170 cm. The skeleton was laid out in an extended supine position. A slight coffin stain and Fe fixing nails represented associated coffin 6083.

Appendix 3: Skeletal Catalogue

by Nicholas Marquez-Grant and Annsofie Witkin

Key for dentition

- / - lost PM
- X - Lost AM
- B - Broken
- C - caries
- PC- peri-apical cavity/ dental abscess
- NP- Not present
- R- Root only
- U - Unerupted
- E - Erupting
- PE - Partial eruption
- PU - Pulp exposed
- - Jaw not present
- H - Hypoplasia
- cc - Calculus
- P - Periodontal disease

Abbreviations

- DISH - diffuse idiopathic skeletal hypertosis
- DIP - distal interphalangeal joint

Skeleton Number: 1565

Grave group: 1563

Completeness: 76–100%

Preservation: Good

Age: 50+ yr

Sex: Male

Stature: 162 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, DISH, Degenerative joint disease of right and left shoulder, elbow, hip and knee joints, ribs, metacarpals and hand phalanges. Possible septic arthritis on left ulna, Periostitis on left fibula. Fractures of left tibia, left fibula and five ribs, Cribra orbitalia. Dental caries, Enamel hypoplasia, Dental calculus, Periodontal disease

| R | | Dentition | | | | | | | | L | | | | | |
|----|----|-----------|----|----|----|----|----|----|----|----|----|----|----|---|---|
| PU | | | | | | | | | | PU | | | | | |
| P | | P | P | P | P | | | P | P | | | | | | |
| cc | | cc | cc | cc | cc | | | cc | cc | | | | | | |
| | | H | | | | | | H | C | H | H | | | | |
| X | X | 6 | 5 | 4 | 3 | X | / | 1 | 2 | 3 | 4 | X | X | X | X |
| X | 7 | / | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | X | X | 8 |
| | C | | | | | | | H | H | H | | | | | C |
| | cc | | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | | |
| | P | | P | P | P | P | P | P | P | P | P | P | P | | P |

Skeleton Number: 1572

Grave group: 1570

Completeness: 76–100%

Preservation: Good

Age: 40–50 yr

Sex: Male?

Stature: 167 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left shoulder, elbow, wrist, hip and knee joints, and on ribs, carpals and phalanges, Periostitis on left and right tibia, Fractures of nasal bones, frontal bone and two ribs, Lumbarisation of sacrum. Dental caries, Enamel hypoplasia, Dental calculus, Periodontal disease, Periapical cavity.

Skeleton Number: 3035 **Grave group:** 3260
Completeness: 76–100% **Preservation:** Good
Age: 50+ yr **Sex:** Male **Stature:** 164 cm
Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left shoulder joints, left sternoclavicular joint, both hip joints and DIP joint, digit 1 of right hand, Periostitis on left fibula and right tibia, Porotic hyperostosis, Cribra orbitalia. Dental caries, Periapical cavity, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | |
|---|---|---|---|---|----|---|---|-----------|---|---|---|----|---|---|---|---|--|--|--|
| | P | | P | | PC | | | | | | | PC | | | | | | | |
| | C | | C | | | | | | | | | | | | | | | | |
| X | 7 | X | 5 | X | X | X | X | X | X | X | X | / | X | X | X | | | | |
| X | X | X | X | X | 3 | X | X | X | X | X | X | X | X | X | X | X | | | |
| | | | | | P | | | | | | | | | | | | | | |

Skeleton Number: 3039 **Grave group:** 3240
Completeness: 76–100% **Preservation:** Poor
Age: 50+ yr **Sex:** Male **Stature:** 169 cm
Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of left shoulder joint, both elbow joints, both wrist joints, both hip joints, both knee joints, right and left carpals and metacarpals, Periostitis on right fibula, Maxillary sinusitis, Porotic hyperostosis, fracture of left nasal bone, left fibula and right fifth metatarsal. Periapical cavity

| R | | | | | | | | Dentition | | | | | | | | L | | | |
|---|---|---|---|----|----|---|---|-----------|---|---|---|---|---|---|---|---|--|--|--|
| | | | | PC | PC | | | | | | | | | | | | | | |
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| X | X | X | X | X | 3 | X | 1 | 1 | X | 3 | 4 | X | X | X | X | X | | | |

Skeleton Number: 3044 **Grave group:** 3050
Completeness: 76–100% **Preservation:** Good
Age: 50+ yr **Sex:** Male **Stature:** 166 cm
Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right shoulder joint, right and left sternoclavicular joints, right elbow joint, both wrist joints, right and left carpals, metacarpals, hand phalanges and metatarsals, Cribra orbitalia, fracture of left clavicle and right second and third metacarpals.

| R | | | | | | | | Dentition | | | | | | | | L | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|--|--|--|
| X | X | X | X | X | X | X | X | X | / | X | X | X | X | X | X | X | | | |
| X | X | X | / | X | / | 2 | X | / | / | X | X | X | X | X | X | X | | | |

Skeleton Number: 3045 **Grave group:** 3330
Completeness: 76–100% **Preservation:** Poor
Age: 35-45 yr **Sex:** Male **Stature:** 161 cm
Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left temporo-mandibular joints and left hip joint, Periostitis on left tibia, Osteomyelitis on right femur, Amputation of left femur, Porotic hyperostosis, Fracture of right and left nasal bones. Dental caries, Dental calculus, Enamel Hypoplasia, Periapical cavity, Periodontal disease

Appendix Three

| R | | | | | | | | Dentition | | | | | | | | L | | | |
|---|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|----|--|--|--|
| P | P | P | P | P | P | P | P | | | | P | P | P | P | P | P | | | |
| | cc | cc | cc | | cc | | cc | PC | | | cc | cc | cc | cc | cc | cc | | | |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | X | X | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | X | X | 7 | 8 | | | | |
| | | | | H | H | H | | | H | H | H | | | | | | | | |
| | | | | cc | | cc | cc | cc | cc | cc | cc | | | | | | | | |
| P | P | P | P | P | P | P | P | P | P | P | P | | | | P | | | | |

Skeleton Number: 3051

Grave group: 3260

Completeness: 76-100%

Preservation: Good

Age: 50+ yr

Sex: Male?

Stature: 166 cm

Summary of pathological conditions: Spinal Degenerative Joint Disease, Schmorl's nodes, Degenerative Joint Disease of right and left hip joints and tarsals, Rickets, Maxillary sinusitis, Fracture of right tibia and fibula. Dental Caries, Calculus, Periodontal disease, Periapical cavity, Impacted tooth

| R | | | | | | | | Dentition | | | | | | | | L | | |
|---|---|---|---|----|----|----|---|-----------|----|----|----|---|---|---|---|---|--|--|
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | PC | | | | | | | |
| 8 | X | X | X | X | 3 | X | X | X | X | X | X | X | X | / | 8 | | | |
| X | X | X | X | 4 | 3 | 2 | X | X | 2 | 3 | X | X | X | X | X | | | |
| | | | | | C | R | | | | | | | | | | | | |
| | | | | cc | cc | cc | | | cc | cc | | | | | | | | |
| | | | | | | PC | | | | | | | | | | | | |
| | | | | P | P | P | | | P | P | | | | | | | | |

Skeleton Number: 3057

Grave group: 3050

Completeness: 76-100%

Preservation: Good

Age: 40+ yr

Sex: Male

Stature: 168 cm

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease of right and left shoulder joints, right and left sternoclavicular joints, both elbow joints, both sacro-iliac joints, both hip joints, right and left carpals and metacarpals, Fracture of left nasal bone and right fibula. Enamel hypoplasia, Dental calculus, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | |
|----|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|----|----|----|
| P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc |
| | | | | | H | | | | | H | | | | | | | | |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| | | | | | H | | | | | H | | | | | | | | |
| cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc |
| P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |

Skeleton Number: 3061

Grave group: 3330

Completeness: 76–100%

Preservation: Excellent

Age: 30–40 yr

Sex: Male

Stature: 163 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left temporo-mandibular joints, Periostitis on left tibia, Porotic hyperostosis, Cribra orbitalia, Fracture of right and left nasal bones, Amputation of right tibia and fibula. Dental caries, Enamel hypoplasia, Dental calculus, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | |
|----|----|----|----|----|----|----|---|-----------|---|----|----|----|----|----|----|----|--|--|--|--|----|
| P | P | | P | P | | | | | | P | P | P | P | P | | | | | | | |
| cc | cc | | cc | cc | | | | | | cc | cc | cc | cc | cc | | | | | | | cc |
| | | | | | | | | | | H | | | | | | | | | | | C |
| 8 | 7 | X | 5 | 4 | / | / | X | X | / | 3 | 4 | 5 | 6 | 7 | X | | | | | | |
| 8 | 7 | | 6 | 5 | 4 | 3 | / | / | / | / | 3 | X | X | 6 | 7 | 8 | | | | | |
| | | | H | | | | | | | | H | | | | | | | | | | C |
| cc | cc | cc | cc | cc | cc | cc | | | | | cc | | | cc | cc | cc | | | | | cc |
| P | P | P | P | P | P | P | | | | | P | | | P | P | P | | | | | P |

Skeleton Number: 3068

Grave group: 3050

Completeness: 76–100%

Preservation: Excellent

Age: 45+ yr

Sex: Male

Stature: 183 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left shoulder joints, both sternoclavicular joints, both elbow joints, both wrist joints, both hip joints, both ankle joints and right and left carpals, metacarpals, hand phalanges, tarsals, metatarsals and foot phalanges, Periostitis on eleven ribs and both tibiae, Porotic hyperostosis, Cribra orbitalia, Fracture of right nasal bone, right humerus, left first and second metacarpals, two left ribs and on left femur, Possible benign echondroma. Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | |
|----|----|---|----|----|----|----|----|-----------|----|----|----|----|----|----|----|---|--|----|----|----|---|
| | PC | | | | | | | | | | | | | | | | | | PC | PC | |
| | | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | | | P | P | P |
| | | | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | | | cc | cc | cc | |
| | | | C | | | | | | | C | | | | | | | | R | | | |
| X | / | X | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | |
| 8 | 7 | X | 5 | 4 | 3 | 2 | X | 1 | 2 | 3 | 4 | 5 | X | 7 | 8 | | | | | | |
| C | | | | | | | | | | | | | | | | | | | | | |
| cc | cc | | cc | cc | cc | cc | | cc | cc | cc | cc | cc | | cc | cc | | | | | | |
| P | P | | P | P | P | P | | P | P | P | P | P | | P | P | | | | | | |
| | | | PC | | | | | | | | | | | | | | | | | PC | |

Skeleton Number: 3072

Grave group: 3450

Completeness: 76–100%

Preservation: Poor

Age: 40+ yr

Sex: Female

Stature: 157 cm

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease of right and left temporo-mandibular joints, Periostitis on both femora, tibiae and fibulae, Maxillary sinusitis, Cribra orbitalia, Congenital malformation of first segment of sacrum. Periapical cavity

| R | | | | | | | | Dentition | | | | | | | | L | | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|----|----|---|---|---|---|--|--|--|--|
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | - | - | | | | | |
| - | X | X | X | X | X | / | / | / | / | / | X | X | X | X | X | | | | | |
| | | | | | | | | | | | PC | PC | | | | | | | | |

Appendix Three

Skeleton Number: 3083

Grave group: 3380

Completeness: 51-75%

Preservation: Good

Age: 50+ yr

Sex: Male

Stature: 170 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right shoulder joint, both hip joints, both ankle joints, left hand phalax, right and left tarsals, Periostitis on right and left tibia, Fracture of left hand proximal phalanx and left fibula, Possible echondroma on right first metacarpal

| R | | | | | | | Dentition | | | | | | | L | | | | | | | | | | |
|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Skeleton Number: 3086

Grave group: 3240

Completeness: 51-75%

Preservation: Poor

Age: 40+ yr

Sex: Male

Stature: 174 cm

Summary of pathological conditions: Healed Type 2 cribra orbitalia of L and R orbits; healed porotic hyperostosis frontal and parietal bones: possible scury; ankylosis of intermeidaite and distal phalanges of R foot possibly secondary to trauma; amputation of L femoral shaft with associated periostitis; ancillary facets on superio-lateral part of greater tubercle and suerio-lateral aspect of lesser tubercle of R and L humeri- possible crutch use

| R | | | | | | | Dentition | | | | | | | L | | | | | | | | | | | |
|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| P | P | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | |
| cc | cc | | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | |
| C | C | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 7 | X | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | |
| cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc |
| P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |

Skeleton Number: 3098

Grave group: 3570

Completeness: 76-100%

Preservation: Excellent

Age: 45+ yr

Sex: Male

Stature: 174 cm

Summary of pathological conditions: Spinal tuberculosis, Degenerative joint disease of the sternoclavicular and acromioclavicular joints, Periostitis of left and right tibia, Porotic hyperostosis, Cribra orbitalia, Fracture of T1 vertebra and left nasal bone. Enamel hypoplasia, Dental caries, Dental calculus, Periodontal disease. Os acromiale

| R | | | | | | | Dentition | | | | | | | L | | | | | | | | | | | |
|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | |
| cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | |
| C | C | C | | H | | | | | | | | | | | | | | | | | | | | C | |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | X | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | |
| X | X | X | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | X | 7 | X | | | | | | | | | | |
| | | | C | | | | | | | | | | | | | | | | | | | | | | C |
| | | | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | | cc | | | | | | | | | cc | | |
| | | | P | P | P | P | P | P | P | P | P | P | | P | | | | | | | | | P | | |

Skeleton Number: 3099

Grave group: 3570

Completeness: 76–100%

Preservation: Good

Age: 35–45 yr

Sex: Male

Stature: 166 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease on tarsals, right first metacarpal and right first metatarsal, Possible Tuberculosis, Possible Osteitis on left fibula, Fracture of right first metacarpal, Spina bifida, Sacralisation. Dental calculus, Enamel hypoplasia and Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|----|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | |
| H | H | H | | | | H | | | | H | | | | H | H | H | | | | | | | |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | |
| P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | |

Skeleton Number: 3101

Grave group: 3380

Completeness: 76–100%

Preservation: Good

Age: 35–40 yr

Sex: Male

Stature: 166 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left shoulder joints, both sternoclavicular joints, both sacro-iliac joints, right and left hand phalanges, Periostitis on right and left tibia and on five ribs, Porotic hyperostosis, Fracture of left scapula and right hand intermediate phalanx, Benign neoplasm on lacrimal bones. Dental caries, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|---|---|---|----|----|----|----|---|-----------|----|---|----|---|---|---|---|----|---|----|---|---|---|---|---|
| / | - | - | - | - | - | X | / | / | / | / | X | / | X | X | X | / | / | / | X | / | X | X | X |
| / | X | X | 5 | 4 | 3 | 2 | X | X | 2 | / | 4 | X | X | X | X | X | 2 | / | 4 | X | X | X | X |
| | | | cc | cc | cc | cc | | | cc | | cc | | | | | cc | | cc | | | | | |
| | | | P | P | P | P | | | P | | P | | | | | P | | P | | | | | |

Skeleton Number: 3102

Grave group: 3480

Completeness: 51–75%

Preservation: Good

Age: 40–45 yr

Sex: Male?

Stature: 163 cm

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease of right shoulder joint, Periostitis on right and left humeri, on four ribs, right tibia and right fibula possibly reflecting mild treponemal infection

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|----|---|---|----|----|----|----|----|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 8 | / | X | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| | | | | | C | C | R | C | | | | | C | C | | | | | | | | | |
| | | | | | H | | | | | H | | | | | | | | | | | | | |
| cc | | | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | |
| P | | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | |

Skeleton Number: 3103
Completeness: 76–100%
Age: 50+ yr

Grave group: 3480

Preservation: Good
Stature: 172 cm

Sex: Male

Summary of pathological conditions: Spinal degenerative joint disease, Scoliosis, Degenerative joint disease of right and left shoulder joints, left sternoclavicular joint, both wrist joints, both hip and knee joints, and of right and left metacarpals, hand phalanges, tarsals and metatarsals, Periostitis on left tibia, Fracture of five ribs, both maxillae, both nasal bones, right zygomatic and left clavicle, Rickets

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

Skeleton Number: 3105
Completeness: 76–100%
Age: 45+ yr

Grave group: 3450

Preservation: Good
Stature: 172 cm

Sex: Male

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left temporo-mandibular joints, both shoulder joints, right sternoclavicular joint, both elbow joints, both wrist joints, both hip joints, both knee joints, both ankle joints, right trapezium, right and left metacarpals, right and left metatarsals, Periostitis on right and left tibia and on left femur, Fracture of both nasal bones and on right tibia. Porotic hyperostosis, Cribra orbitalia. Enamel hypoplasia, Dental caries, Dental calculus, Periodontal disease, Periapical cavity

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | | |
|---|----|----|----|----|----|----|----|-----------|----|----|----|---|----|----|---|---|--|--|--|--|--|--|--|--|
| | | PC | | | PC | PC | | | PC | | PC | | | | | | | | | | | | | |
| | P | P | P | P | P | | | P | P | P | | | P | P | | | | | | | | | | |
| | cc | | | | | | | | | | | | cc | cc | | | | | | | | | | |
| X | 7 | R | R | | C | / | / | 1 | R | 3 | X | 5 | 6 | X | X | | | | | | | | | |
| X | X | X | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | X | X | X | | | | | | | | | |
| | | | | | H | | | | | H | | | | | | | | | | | | | | |
| | | | cc | cc | cc | cc | cc | cc | cc | cc | cc | | | | | | | | | | | | | |
| | | | P | P | P | P | P | P | P | P | P | P | | | | | | | | | | | | |

Skeleton Number: 3106
Completeness: 76–100%
Age: 40+ yr

Grave group: 3450

Preservation: Good
Stature: 163 cm

Sex: Male

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right shoulder joint, both hip joints, both knee joints, and of right metacarpal, right and left tarsals, metatarsals and foot phalanges, Periostitis on right tibia and fibula, Porotic hyperostosis, Cribra orbitalia. Enamel hypoplasia, Dental caries, Dental calculus, Periapical cavity, Periodontal disease. Evidence of craniotomy

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|---|---|----|----|----|----|----|----|-----------|----|----|----|---|----|----|----|---|--|--|--|--|--|--|--|
| | | PC | | | | | | | | | | | | | | | | | | | | | |
| | | P | | | P | | | | P | P | | | PC | | | | | | | | | | |
| | | cc | | | cc | | | | cc | cc | | | cc | | | | | | | | | | |
| | | C | | | | | | | | | | | | | | | | | | | | | |
| X | / | 6 | / | / | 3 | / | / | X | 2 | 3 | / | / | 6 | X | NP | | | | | | | | |
| 8 | X | 6 | 5 | 4 | 3 | 2 | X | X | 2 | 3 | 4 | 5 | X | 7 | X | | | | | | | | |
| | | C | | | | | | | | | H | | | | | | | | | | | | |
| | | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | | | cc | | | | | | | | | |
| | | P | P | P | P | P | P | P | P | P | P | P | | P | | | | | | | | | |

Appendix Three

Skeleton Number: 3119
Completeness: 76–100%
Age: 40+ yr

Grave group: 3550

Preservation: Good
Stature: 174 cm

Sex: Male

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease on right and left acromioclavicular and sternoclavicular joints, right and left hip joints, left ulna, phalanges of right and left metatarsal, Periostitis on right and left femora, right and tibiae, ribs and right fibula, Porotic hyperostosis, Cribra orbitalia. Enamel hypoplasia, Dental caries, Dental calculus, Periodontal disease. Evidence of craniotomy

| R | | Dentition | | | | | | | | L | | | | | | | |
|---|---|-----------|----|----|----|----|----|----|--|----|----|----|----|----|----|----|----|
| | | P | P | P | P | | | P | | P | P | P | P | P | | | |
| | | cc | cc | cc | cc | | | cc | | cc | cc | cc | cc | cc | | | |
| | | | | | | | | H | | | | H | | | | | |
| | | | | | | | | C | | | | | | | | | |
| X | X | 6 | 5 | 4 | 3 | / | 1 | | | 1 | 2 | 3 | 4 | 5 | 6 | X | X |
| / | X | 6 | 5 | 4 | 3 | 2 | 1 | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | X |
| | | | | | | | | | | | | | | | C | C | |
| | | cc | cc | cc | cc | cc | cc | | | cc | cc | cc | cc | cc | cc | cc | cc |
| | | P | P | P | P | P | P | | | P | P | P | P | P | P | P | P |

Skeleton Number: 3124
Completeness: 0–25%
Age: 30–50 yr

Grave group: 3560

Preservation: Good
Stature: 163 cm (Right humerus)

Sex: Male?

Summary of pathological conditions: Spinal Degenerative Joint Disease, Schmorl's nodes, Degenerative joint disease on right and left temporo-mandibular joints, Fracture of right and left nasal bones

| R | | Dentition | | | | | | | | L | | | | | | | |
|----|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| NP | X | / | X | X | / | X | X | | | X | X | X | / | X | X | X | NP |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Skeleton Number: 3132
Completeness: 76–100%
Age: 12–14 yr

Grave group: 3410

Preservation: Poor
Stature: -

Sex: Unknown

Summary of pathological conditions: Porotic hyperostosis, Spinal tuberculosis. Enamel hypoplasia, Dental caries

| R | | Dentition | | | | | | | | L | | | | | | | |
|---|---|-----------|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|
| | | | C | | | | | H | | H | | | | | C | | |
| U | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | U |
| U | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | - |
| | | | | | | | | H | | | | | H | | | | |

Skeleton Number: 3139
Completeness: 51–75%
Age: 40–45 yr

Grave group: 3480

Preservation: Good
Stature: 165 cm (Left ulna)

Sex: Male

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right hip joint, both knee joints and of right and left tarsals, Fracture of left navicular, Osteochondritis dissecans right talus

| R | | Dentition | | | | | | | | L | | | | | | | |
|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Skeleton Number: 3143

Grave group: 3580

Completeness: 76–100%

Preservation: Good

Age: 40+ yr

Sex: Male?

Stature: 168 cm (Left)

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of left shoulder joint, right scaphoid and both knees, Periostitis on twelve ribs and both tibiae, Porotic hyperostosis, Fracture of both nasal bones, left zygoma, two ribs, on L3 vertebra, right fifth metatarsal, left navicular and left metatarsals, Avulsion fracture on tibial tuberosity of right tibia. Enamel hypoplasia, Dental caries, Dental calculus, Periodontal disease

| R | | | | | | | | Dentition | | | | L | | | | | | | |
|----|----|---|----|----|----|----|----|-----------|----|----|----|----|----|----|----|--|--|--|--|
| P | P | P | P | | P | P | P | | P | P | | P | P | P | P | | | | |
| cc | cc | | cc | | | | cc | | cc | cc | | cc | cc | cc | cc | | | | |
| | | R | | | H | H | | | H | | | | C | | | | | | |
| 8 | 7 | 6 | 5 | NP | 3 | 2 | 1 | X | 2 | 3 | NP | 5 | 6 | 7 | 8 | | | | |
| X | / | X | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | X | X | X | | | | |
| | | | | | C | | | | | | | | | | | | | | |
| | | | | | H | | | | | | | | | | | | | | |
| | | | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | | | | | | | |
| | | | P | P | P | P | P | P | P | P | P | P | | | | | | | |

Skeleton Number: 3144

Grave group: 3410

Completeness: 76–100%

Preservation: Good

Age: 50+ yr

Sex: Male

Stature: 168 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left temporo-mandibular joints, both acromio-clavicular joints, right elbow joint, both hip joints and right metatarsals and left first metatarsal, Periostitis on left fibula, Maxillary sinusitis, Possible healed scurvy, Fracture of nasal bones, left maxilla, T12 vertebra, right ulna and on eight ribs

| R | | | | | | | | Dentition | | | | L | | | | | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|--|--|--|--|
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | | |

Skeleton Number: 3148

Grave group: 3590

Completeness: 76–100%

Preservation: Good

Age: 50+ yr

Sex: Male

Stature: 177 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease on right foot, Periostitis on right and left fibula and right tibia, Osteomyelitis on right tibia, Fracture of right tibia, right and left fibula and left rib. Dental calculus, Periodontal disease

| R | | | | | | | | Dentition | | | | L | | | | | | | |
|-----|---|---|----|----|----|----|----|-----------|----|---|----|----|---|---|-----|--|--|--|--|
| | | | P | P | | P | P | | P | | | | | | | | | | |
| | | | cc | cc | | cc | cc | | cc | | | | | | | | | | |
| | | | | | | R | | | | | | | | | R | | | | |
| NP? | X | 6 | 5 | X | 3 | 2 | / | / | 2 | X | X | X | X | X | NP? | | | | |
| 8 | X | X | 5 | 4 | 3 | X | X | X | X | X | 4 | 5 | X | X | 8 | | | | |
| | | | | | | | | | | | | | | | R | | | | |
| | | | cc | cc | cc | | | | | | cc | cc | | | | | | | |
| | | | P | P | P | | | | | | P | P | | | P | | | | |

Appendix Three

Skeleton Number: 3176 **Grave group:** 3590
Completeness: 76–100% **Preservation:** Good
Age: 45–55 yr **Sex:** Male **Stature:** 174 cm
Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease on both hip and knee joints, Porotic hyperostosis, Periostitis on both tibiae and right fibula, Fracture of nasal bones and foot proximal phalanx, Spina bifida, Sacralisation,. Dental calculus, Periodontal disease

| R | Dentition | | | | | | | | | | | | L | | | |
|---|-----------|---|---|---|---|---|---|---|---|---|---|---|--------------|---|--------------|--------------|
| - | X | X | X | X | X | X | X | X | X | X | / | / | P cc 5 | X | P cc 7 | P cc 8 |
| X | X | X | X | X | / | X | X | X | X | 3 | X | X | X | X | X | X |
| | | | | | | | | | | P | | | | | | |

Skeleton Number: 3177 **Grave group:** 4050
Completeness: 51–75% **Preservation:** Good
Age: 45–55 yr **Sex:** Male **Stature:** 174 cm
Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease of right first metacarpal and left hand phalanges, Periostitis on one rib, Fracture of rib, left distal hand phalanx, right tibia and right fibula, Soft tissue trauma to right femur, Osteochondritis dissecans

| R | Dentition | | | | | | | | | | | | L | | | |
|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Skeleton Number: 3182 **Grave group:** 3630
Completeness: 76–100% **Preservation:** Good
Age: 50+ yr **Sex:** Male **Stature:** 159 cm
Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, DISH, Ankylosis of sacroiliac joint, Degenerative joint disease of right and left shoulder joints, both sternoclavicular joints, both elbow joints, both knee joints, and of right and left carpals, metacarpals and phalanges, Porotic hyperostosis. Dental calculus, Periodontal disease

| R | Dentition | | | | | | | | | | | | L | | | |
|----|-----------|----|----|----|---|---|---|---|---|---|--------|---|----|---|----|---|
| X | X | X | X | X | X | X | X | X | X | X | R 3 | X | X | X | X | X |
| NP | X | 6 | 5 | 4 | X | X | X | X | X | X | X | X | 6 | X | NP | |
| | | cc | cc | cc | | | | | | | | | cc | | | |
| | | P | P | P | | | | | | | | | P | | | |

Skeleton Number: 3187 **Grave group:** 3810
Completeness: 26–50% **Preservation:** Good
Age: 40+ yr **Sex:** Male **Stature:** 178 cm
Summary of pathological conditions: Degenerative joint disease of left tibia, Fracture of right tarsals

| R | Dentition | | | | | | | | | | | | L | | | |
|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Skeleton Number: 3189 **Grave group:** 3580
Completeness: 51–75% **Preservation:** Poor
Age: 50+ yr **Sex:** Male **Stature:** 167 cm
Summary of pathological conditions: Degenerative joint disease of right and left patellae and right first metatarsal, Periostitis on right and left tibia, Porotic hyperostosis, Cribra orbitalia, Fracture of right and left nasal bones, Possible rickets. Periapical cavity

| R | Dentition | | | | | | | | | | | | | | | | L | | | | | | | | |
|---|-----------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | X | X | X | X | X | X | X | X | X | X | PC | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Skeleton Number: 3191 **Grave group:** 3380
Completeness: 76–100% **Preservation:** Good
Age: 50+ yr **Sex:** Male **Stature:** 164 cm
Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left shoulder joints, both sternoclavicular joints, both hip joints, left carpals and metacarpals, right hand phalanges, Porotic hyperostosis, Fracture of left hand proximal phalanx, left talus and possibly on T11 vertebra

| R | Dentition | | | | | | | | | | | | | | | | L | | | | | | | | |
|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

Skeleton Number: 3194 **Grave group:** 4060
Completeness: 76–100% **Preservation:** Excellent
Age: 40+ yr **Sex:** Male **Stature:** 166 cm
Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Periostitis on both scapulae, both clavicles, right humerus, both *os coxae*, both femora and all ribs present, thus a possible diagnosis being Hypertrophic osteoarthropathy, Porotic hyperostosis, Cribra orbitalia, Fracture of right fibula, Spina bifida. Enamel hypoplasia, Dental caries, Dental calculus, Periodontal disease, Impacted tooth

| R | Dentition | | | | | | | | | | | | | | | | L | | | | | | | |
|----|-----------|---|---|---|---|---|---|---|----|----|---|----|---|---|----|---|---|---|---|---|---|---|---|---|
| - | cc | - | - | - | - | - | - | - | cc | cc | - | cc | - | - | cc | - | 1 | 2 | - | 4 | - | - | 7 | - |
| 8 | X | X | X | X | X | X | X | X | X | X | 3 | X | X | 6 | / | X | X | X | C | X | X | H | X | X |
| cc | | | | | | | | | cc | | | | | | | | P | | | | | | | |

Skeleton Number: 3202 **Grave group:** 4060
Completeness: 76–100% **Preservation:** Good
Age: 40+ yr **Sex:** Male **Stature:** 163 cm
Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of left wrist, both hip joints, both knee joints, right and left carpals, right metacarpal, right and left metatarsals, Porotic hyperostosis, Cribra orbitalia, Fracture of left nasal bone, right foot phalanx, and soft tissue trauma to right femur. Enamel hypoplasia, Dental caries, Dental calculus, Periapical cavity, Periodontal disease

Appendix Three

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|----|---|----|---|----|----|----|----|-----------|----|----|----|----|----|---|----|----|----|----|----|----|----|---|----|
| | | | | | | | | PC | | | | | | | | | | | | | | | |
| | | | | | | | | P | | | | P | | | | | | | | | | | |
| | | | | | | | | H | | | | | | | | | | | | | | | |
| NP | X | X | X | X | / | X | 1 | 1 | X | 3 | X | X | X | / | NP | 1 | 2 | 3 | 4 | 5 | X | / | NP |
| NP | 7 | X | / | 4 | 3 | 2 | 1 | 1 | 2 | C | C | C | C | / | NP | 1 | 2 | C | C | C | C | / | NP |
| | | cc | | | cc | cc | cc | cc | cc | cc | cc | cc | cc | | | cc | cc | cc | cc | cc | cc | | |
| | | P | | P | P | P | P | P | P | P | P | P | P | | | P | P | P | P | P | P | | |
| | | | | PC | | | | | | | | | PC | | | | | | | | | | |

Skeleton Number: 3208

Grave group: 3600

Completeness: 76-100%

Preservation: Good

Age: 40-50 yr

Sex: Male

Stature: 164 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left acromio-clavicular joints, left shoulder joint, right hip joint, both knee joints, left ankle joint, and right metacarpal, Periostitis on both tibiae and both fibulae, Cribra orbitalia, Fracture of left radius, right third metacarpal, L1 vertebra, right fibula, left tibia and left talus. Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|----|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | | | | | | | P | | | | P | | | | PC | | | | | | | |
| | | | | | | | | cc | | | | cc | | | | P | | | | | | | |
| | | | | | | | | R | | | | | | | | R | | | | | | | |
| X | X | X | 5 | 4 | 3 | 2 | X | / | / | 3 | 4 | 5 | X | - | - | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 8 | 7 | 6 | C | C | | | 1 | 1 | 2 | C | | | | | | 1 | 2 | C | | | | | |
| cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc |
| P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |

Skeleton Number: 3211

Grave group: 3380

Completeness: 76-100%

Preservation: Good

Age: 40+ yr

Sex: Male

Stature: 163 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left shoulder joints, both sternoclavicular joints, both elbow joints, left wrist joint, both hip and knee joints, right ankle joint, and on right metacarpal, right tarsals, metatarsals and phalanges, Periostitis on right and left fibulae, Porotic hyperostosis, Possible rickets, Fracture of right and left nasal bones, three ribs and right proximal foot phalanx. Enamel hypoplasia, Dental calculus, Periapical cavity, Periodontal disease, Impacted tooth

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|----|----|----|----|----|----|----|----|-----------|----|----|----|----|---|---|----|----|----|----|----|---|----|----|----|
| | | | | | | | | P | | | | P | | | | PC | | | | | | | |
| | | | | | | | | cc | | | | cc | | | | P | | | | | | | |
| | | | | | | | | H | | | | | | | | R | | | | | | | |
| NP | 7 | 6 | X | X | NP | / | 1 | 1 | NP | 3 | X | 5 | 6 | 7 | NP | 1 | 2 | 3 | 4 | X | 6 | 7 | NP |
| NP | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | H | H | | | | | 1 | 2 | H | H | | | | |
| | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | | | | | cc | cc | cc | cc | | cc | cc | |
| | P | P | P | P | P | P | P | P | P | P | P | | | | | P | P | P | P | | P | P | |

A Study of RN Veterans' Remains Based on Greenwich Records

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|----|----|----|---|-----------|---|---|---|----|----|---|---|---|---|---|---|--|----|----|----|---|----|---|---|---|----|----|---|---|---|---|---|---|--|----|----|----|---|----|---|---|---|----|----|---|---|---|---|---|---|--|----|----|----|---|----|---|---|---|----|----|---|---|---|---|---|---|--|----|----|----|---|----|---|---|---|----|----|---|---|---|--|--|--|--|----|----|----|--|----|--|--|--|----|----|--|--|--|--|--|--|--|----|----|----|--|----|--|--|--|----|----|--|--|--|--|--|--|--|---|---|---|--|---|--|--|--|---|---|--|--|--|
| | | | | P | P | | | | | | | P | | | | | | | | | cc | cc | | | | | | | cc | | | | | | | | | H | | | | | | | | | | | | | - | X | X | | 5 | 4 | X | X | X | X | X | X | 4 | / | X | - | - | X | X | X | | 5 | 4 | 3 | / | 1 | X | X | X | 4 | 5 | X | X | X | | | | | | H | | | | | | | | | | | | | | | | cc | cc | cc | | cc | | | | cc | cc | | | | | | | | P | P | P | | P | | | | P | P | | | |
| | | | | cc | cc | | | | | | | cc | | | | | | | | | H | | | | | | | | | | | | | - | X | X | | 5 | 4 | X | X | X | X | X | X | 4 | / | X | - | - | X | X | X | | 5 | 4 | 3 | / | 1 | X | X | X | 4 | 5 | X | X | X | | | | | | H | | | | | | | | | | | | | | | | cc | cc | cc | | cc | | | | cc | cc | | | | | | | | P | P | P | | P | | | | P | P | | | | | | | | | | | | | | | | | | | | |
| | | | | H | | | | | | | | | | | | | - | X | X | | 5 | 4 | X | X | X | X | X | X | 4 | / | X | - | - | X | X | X | | 5 | 4 | 3 | / | 1 | X | X | X | 4 | 5 | X | X | X | | | | | | H | | | | | | | | | | | | | | | | cc | cc | cc | | cc | | | | cc | cc | | | | | | | | P | P | P | | P | | | | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | X | X | | 5 | 4 | X | X | X | X | X | X | 4 | / | X | - | - | X | X | X | | 5 | 4 | 3 | / | 1 | X | X | X | 4 | 5 | X | X | X | | | | | | H | | | | | | | | | | | | | | | | cc | cc | cc | | cc | | | | cc | cc | | | | | | | | P | P | P | | P | | | | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | X | X | | 5 | 4 | 3 | / | 1 | X | X | X | 4 | 5 | X | X | X | | | | | | H | | | | | | | | | | | | | | | | cc | cc | cc | | cc | | | | cc | cc | | | | | | | | P | P | P | | P | | | | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | H | | | | | | | | | | | | | | | | cc | cc | cc | | cc | | | | cc | cc | | | | | | | | P | P | P | | P | | | | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | cc | cc | cc | | cc | | | | cc | cc | | | | | | | | P | P | P | | P | | | | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | P | P | P | | P | | | | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Skeleton Number: 3268

Grave group: 4100

Completeness: 76–100%

Preservation: Excellent

Age: 35–45 yr

Sex: Male?

Stature: 168 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease on right acromioclavicular and sternoclavicular joints, both elbow joints, left hip joint, Periostitis on six ribs, Porotic hyperostosis, Cribra orbitalia, Fracture of left radius and left fifth metacarpal. Enamel hypoplasia, Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|----|----|----|---|-----------|----|----|----|----|----|----|----|---|---|---|---|---|----|----|----|---|----|----|----|----|---|----|----|----|--|---|---|---|---|----|----|----|---|---|---|----|----|---|----|----|----|--|---|---|---|---|----|----|----|---|---|---|----|----|---|----|----|----|--|---|---|---|---|----|----|----|---|---|---|----|----|---|----|----|----|--|---|---|---|---|----|----|----|---|---|---|----|----|---|----|----|----|--|--|--|--|--|----|----|----|--|--|--|----|----|--|----|----|----|--|--|--|--|--|----|----|----|--|--|--|----|----|--|----|----|----|--|--|--|--|--|---|---|---|--|--|--|---|---|--|---|---|---|--|
| | | | | P | | | | P | P | P | PC | PC | | | | | | | | | cc | | | | cc | cc | cc | P | P | | | | | | | | | | | | | | H | H | | | | | | | | | | | | | | | | C | C | | | R | | | | X | X | / | X | 4 | / | X | X | 1 | 2 | 3 | 4 | 5 | / | - | - | | 8 | X | X | 5 | / | 3 | / | / | / | / | 3 | 4 | / | 6 | 7 | 8 | | | | | | | H | | | | | H | | | | | | | | | | | cc | cc | cc | | | | cc | cc | | cc | cc | cc | | | | | | P | P | P | | | | P | P | | P | P | P | |
| | | | | cc | | | | cc | cc | cc | P | P | | | | | | | | | | | | | | H | H | | | | | | | | | | | | | | | | C | C | | | R | | | | X | X | / | X | 4 | / | X | X | 1 | 2 | 3 | 4 | 5 | / | - | - | | 8 | X | X | 5 | / | 3 | / | / | / | / | 3 | 4 | / | 6 | 7 | 8 | | | | | | | H | | | | | H | | | | | | | | | | | cc | cc | cc | | | | cc | cc | | cc | cc | cc | | | | | | P | P | P | | | | P | P | | P | P | P | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | H | H | | | | | | | | | | | | | | | | C | C | | | R | | | | X | X | / | X | 4 | / | X | X | 1 | 2 | 3 | 4 | 5 | / | - | - | | 8 | X | X | 5 | / | 3 | / | / | / | / | 3 | 4 | / | 6 | 7 | 8 | | | | | | | H | | | | | H | | | | | | | | | | | cc | cc | cc | | | | cc | cc | | cc | cc | cc | | | | | | P | P | P | | | | P | P | | P | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | C | C | | | R | | | | X | X | / | X | 4 | / | X | X | 1 | 2 | 3 | 4 | 5 | / | - | - | | 8 | X | X | 5 | / | 3 | / | / | / | / | 3 | 4 | / | 6 | 7 | 8 | | | | | | | H | | | | | H | | | | | | | | | | | cc | cc | cc | | | | cc | cc | | cc | cc | cc | | | | | | P | P | P | | | | P | P | | P | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | X | / | X | 4 | / | X | X | 1 | 2 | 3 | 4 | 5 | / | - | - | | 8 | X | X | 5 | / | 3 | / | / | / | / | 3 | 4 | / | 6 | 7 | 8 | | | | | | | H | | | | | H | | | | | | | | | | | cc | cc | cc | | | | cc | cc | | cc | cc | cc | | | | | | P | P | P | | | | P | P | | P | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | X | X | 5 | / | 3 | / | / | / | / | 3 | 4 | / | 6 | 7 | 8 | | | | | | | H | | | | | H | | | | | | | | | | | cc | cc | cc | | | | cc | cc | | cc | cc | cc | | | | | | P | P | P | | | | P | P | | P | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | H | | | | | H | | | | | | | | | | | cc | cc | cc | | | | cc | cc | | cc | cc | cc | | | | | | P | P | P | | | | P | P | | P | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | cc | cc | cc | | | | cc | cc | | cc | cc | cc | | | | | | P | P | P | | | | P | P | | P | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | P | P | P | | | | P | P | | P | P | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Skeleton Number: 3269

Grave group: 3390

Completeness: 76–100%

Preservation: Excellent

Age: 50+ yr

Sex: Male

Stature: 162 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left temporo-mandibular joints, both shoulder joints, both sternoclavicular joints, both elbow joint, both wrist joints, right and left carpals, Fracture of right parietal, left cuboid and left fifth metatarsal, Possible benign neoplasm on left fifth metatarsal. Enamel hypoplasia, Dental caries, Dental calculus, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|----|----|---|---|-----------|---|----|---|---|---|---|---|---|---|---|---|---|----|----|---|---|----|---|----|---|---|---|---|---|--|--|--|--|--|----|----|--|--|----|--|----|--|--|--|--|--|--|--|--|--|--|----|----|--|--|----|--|----|--|--|--|--|--|--|--|--|--|--|---|---|--|--|---|--|---|--|--|--|--|--|--|
| X | / | X | X | X | X | X | X | X | X | X | X | X | X | - | - | | X | X | X | / | 4 | 3 | / | / | 1 | / | 3 | X | X | X | X | X | | | | | | C | | | | H | | H | | | | | | | | | | | cc | cc | | | cc | | cc | | | | | | | | | | | P | P | | | P | | P | | | | | | |
| X | X | X | / | 4 | 3 | / | / | 1 | / | 3 | X | X | X | X | X | | | | | | C | | | | H | | H | | | | | | | | | | | cc | cc | | | cc | | cc | | | | | | | | | | | P | P | | | P | | P | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | C | | | | H | | H | | | | | | | | | | | cc | cc | | | cc | | cc | | | | | | | | | | | P | P | | | P | | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | cc | cc | | | cc | | cc | | | | | | | | | | | P | P | | | P | | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | P | P | | | P | | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Skeleton Number: 3272

Grave group: 3390

Completeness: 76–100%

Preservation: Good

Age: 40–45 yr

Sex: Male

Stature: 160 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of left acromio-clavicular joint, left elbow joint, both wrist joints, both hip joints, both knee joints, right first metacarpal and hand phalanges, left carpal and first metacarpal, right and left first metatarsals and foot phalanges, Periostitis on left maxilla, eight ribs, both tibiae, Porotic hyperostosis, Cribra orbitalia, Possible scurvy, Fracture of right and left nasal bones, three ribs, left foot phalanges (followed by ankylosis). Dental caries, Dental calculus, Periapical cavity, Periodontal disease

Appendix Three

| R | | | | | | | | Dentition | | | | | L | | | |
|---|---|---|--------------|--------------|---|---|----|-----------|----|----|----|--------|---|---|---|--|
| X | X | X | PC P 5 | PC P 4 | X | X | X | X | X | X | X | P 5 | X | X | X | |
| X | X | X | X | X | 3 | 2 | / | 1 | 2 | 3 | 4 | 5 | X | X | X | |
| | | | | | | C | | | | | C | C | | | | |
| | | | | | P | P | | cc | cc | cc | cc | P | | | | |
| | | | | | | | PC | P | P | P | P | P | | | | |

Skeleton Number: 3274

Completeness: 76-100%

Age: 30-40 yr

Sex: Male?

Preservation: Good

Stature: 154 cm

Grave group: 4100

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Periostitis on ribs, Maxillary sinusitis, Porotic hyperostosis, Cribra orbitalia, Fracture of left patella, Spina bifida. Enamel hypoplasia, Dental caries, Dental calculus, Periodontal disease

| R | | | | | | | | Dentition | | | | | L | | | |
|----|----|---|----|----|----|----|----|-----------|----|----|----|----|----|----|----|--|
| P | P | | P | P | P | | P | P | | | | | | P | P | |
| | cc | | cc | cc | | | | cc | | | | | | cc | | |
| R | | | | | | | | | | | | | | | | |
| 8 | 7 | - | 5 | 4 | 3 | U | 1 | 1 | U | X | X | X | X | 7 | 8 | |
| NP | 7 | 6 | NP | 4 | 3 | 2 | 1 | / | 2 | 3 | 4 | NP | 6 | 7 | NP | |
| | C | R | | | H | H | H | | | H | H | | C | C | | |
| | cc | | | cc | cc | cc | cc | | cc | cc | cc | | cc | cc | | |
| | P | P | | P | P | P | P | | P | P | P | | P | P | | |

Skeleton Number: 3276

Completeness: 51-75%

Age: 50+ yr

Sex: Male

Preservation: Poor

Stature: 158 cm

Grave group: 4100

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease on right and left hip joints, right tibia, Otitis media, Porotic hyperostosis, Cribra orbitalia

| R | | | | | | | | Dentition | | | | | L | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|--|
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |

Skeleton Number: 3385

Completeness: 51-75%

Age: 40+ yr

Sex: Male

Preservation: Good

Stature: 163 cm

Grave group: 3380

Summary of pathological conditions: Degenerative joint disease of left third metacarpal, Porotic hyperostosis

| R | | | | | | | | Dentition | | | | | L | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|--|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

Appendix Three

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | | | |
|-----|---|---|---|---|--|--|--|-----------|---|---|--|--|--|--|--|-----|--|---|---|---|---|---|---|---|---|
| P | | | | | | | | P P P | | | | | | | | | | | | | | | | | |
| | | | | | | | | H H H | | | | | | | | | | | | | | | | | |
| 8 | X | X | / | / | | | | 3 | 2 | 1 | | | | | | | | 1 | 2 | 3 | X | / | X | / | / |
| 8 | 7 | X | 5 | 4 | | | | 3 | 2 | / | | | | | | | | 1 | 2 | 3 | / | / | X | 7 | / |
| | | | | | | | | H H | | | | | | | | | | | | | | | | | |
| | | | | | | | | cc | | | | | | | | | | | | | | | | | |
| P P | | | | | | | | P P | | | | | | | | P P | | | | | | | | | |

Skeleton Number: 6003

Completeness: 76–100%

Age: 40–50 yr

Sex: Male

Grave group: 6020

Preservation: Poor

Stature: 156 cm

Summary of pathological conditions: Degenerative joint disease of left knee, Periostitis on right and left tibia, Cribra orbitalia, Fracture of right parietal and on left tibia and fibula

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | X | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | X | X | X | X | X | X | X | X |
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

Skeleton Number: 6013

Completeness: 51–75%

Age: 40–50 yr

Sex: Male

Grave group: 6070

Preservation: Poor

Stature: 167 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Kyphosis, Porotic hyperostosis, Fracture of vertebrae and one rib, Osteoporosis. Dental caries, Dental calculus, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|-------------|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | cc cc cc cc | | | | | | | |
| | | | | | | | | | | | | | | | | C | | | | | | | |
| - | - | - | - | - | - | - | - | - | - | 3 | 4 | - | 6 | 7 | - | - | - | 3 | 4 | X | X | X | X |
| 8 | / | 6 | 5 | 4 | 3 | / | 1 | 1 | 2 | 3 | 4 | X | X | X | X | 1 | 2 | 3 | 4 | X | X | X | X |
| C | | | | | | | | C | | | | | | | | B C | | | | | | | |
| | | | | | | | | cc | | | | | | | | cc cc | | | | | | | |
| P | | | | | | | | P P P P P | | | | | | | | P P P P | | | | | | | |

Skeleton Number: 6014

Completeness: 76–100%

Age: 40+ yr

Sex: Male

Grave group: 6020

Preservation: Good

Stature: 168 cm

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease of right elbow and left hand phalanges, Fracture of right and left nasal bones and eleven ribs. Dental caries, Dental calculus, Periodontal disease

Appendix Three

Skeleton Number: 6019
Completeness: 76–100%
Age: 50+ yr

Grave group: 6020
Preservation: Good
Stature: -

Sex: Unknown

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left shoulder joints, right sternoclavicular joint, both wrist joints, both hip joints, left carpals and left first metatarsal, Fracture of right third cuneiform, Osteochondritis dissecans of fibula, Possible congenital dysplasia fn right and left fourth metatarsals

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| X | X | X | X | X | / | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |

Skeleton Number: 6023
Completeness: 76–100%
Age: 50+ yr

Grave group: 6250
Preservation: Poor
Stature: 176 cm

Sex: Male

Summary of pathological conditions: Spinal degenerative joint disease including Ankylosis spondylitis, Schmorl's nodes, Degenerative joint disease of right and left shoulder joints, left trapezium, Periostitis on six ribs and both tibiae, Porotic hyperostosis, Cribra orbitalia, Possible rickets, Fracture of right and left nasal bones. Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|---|---|----|----|---|---|---|---|-----------|----|----|--|--|--|--|---|----|---|----|----|---|---|---|--|
| X | X | X | X | X | X | X | X | | | | | | | | X | X | X | X | X | X | X | X | |
| X | X | X | 5 | 4 | 3 | 2 | X | | PC | PC | | | | | X | X | 3 | X | X | X | X | X | |
| | | | R | R | | | | | | | | | | | | | C | | | | | | |
| | | | | | H | | | | | | | | | | | | H | | | | | | |
| | | | P | P | P | P | | | | | | | | | | | P | | | | | | |
| | | PC | PC | | | | | | | | | | | | | PC | | PC | PC | | | | |

Skeleton Number: 6027
Completeness: 76–100%
Age: 50+ yr

Grave group: 6150
Preservation: Good
Stature: 159 cm

Sex: Female?

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease of right and left elbow joints, both knee joints. Periapical cavity

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|---|---|---|---|---|---|---|---|-----------|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|
| - | - | X | X | X | | | | | | | | | | | X | X | X | X | - | - | - | - | |
| - | - | - | - | - | - | - | - | | | | | | | | - | - | - | - | - | - | - | - | |

Appendix Three

Skeleton Number: 6056

Completeness: 76–100%

Age: 50+ yr

Sex: Male

Grave group: 6150

Preservation: Good

Stature: 170 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left shoulder joints, Periostitis on right and left scapula, both clavicles, both humeri, radii, ulnae, femora, tibiae and fibulae, Porotic hyperostosis, Possible scurvy, Fracture of left nasal bone, right fifth metacarpal, left fourth metacarpal. Enamel hypoplasia, Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | Dentition | | | | | | L | | | | | | |
|----|-----|-----------|----|----|----|----|---|----|----|----|----|----|---|----|
| | | P | P | P | P | P | P | PC | PC | | PC | | | |
| | | cc | cc | | cc | cc | | P | P | P | P | P | | |
| | | | | | H | | H | | | | cc | cc | | |
| | | | | | | C | | | | | | | C | |
| NP | X 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | X | X | X |
| X | XX | 5 | 4 | 3 | X | 1 | / | 2 | 3 | 4 | 5 | X | X | NP |
| | | | | | | R | | | | | | | | |
| | | | | | H | | | | | | | | | |
| | | | | cc | cc | | | cc | cc | cc | | | | |
| | | P | P | P | | P | | P | P | P | P | | | |
| | | PC | | | | | | | | | | | | |

Skeleton Number: 6058

Completeness: 76–100%

Age: 50+ yr

Sex: Male?

Grave group: 6150

Preservation: Excellent

Stature: 179 cm

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease of right and left tempor-mandibular joints, both shoulder joints, both sternoclavicular joints, both elbow joints, left hip joint, both knee joints, right and left carpals, right and left tarsals, metatarsals and foot phalanges, Periostitis on both tibiae and fibulae, Fracture of frontal bone, sphenoid, right nasal bone, left first cuneiform, left metatarsals and right foot proximal phalanx. Dental calculus, Periapical cavity, Periodontal disease

| R | | Dentition | | | | | | L | | | | | | |
|----|---|-----------|----|----|----|----|----|---|----|----|----|----|---|----|
| | | | P | P | P | | | | PC | | | | P | P |
| | | | cc | cc | cc | | | | P | P | P | | P | P |
| X | X | X | 5 | 4 | 3 | / | X | X | / | 3 | 4 | 5 | / | 7 |
| NP | 7 | 6 | 5 | 4 | 3 | 2 | / | / | / | 3 | 4 | 5 | X | 7 |
| | | cc | cc | cc | cc | cc | cc | | | cc | cc | cc | | cc |
| | | P | P | P | P | P | P | | | P | P | P | | P |
| | | PC | | | | | | | | | | | | |

Skeleton Number: 6063

Completeness: 76–100%

Age: 50+ yr

Sex: Male

Grave group: 6040

Preservation: Good

Stature: 168 cm

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease of right and left shoulder joints, both elbow joints, left wrist joint, both hip joints, both knee joints, both ankle joints, right and left carpals, right tarsals, left metatarsals, Fracture of right and left nasal bones and maxillae, left radius, both fibulae, right talus, left calcaneous, left navicular, left medial and intermediate cuneiforms. Dental caries, Dental calculus, Periodontal disease. Os acromiale of right scapula

A Study of RN Veterans' Remains Based on Greenwich Records

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|
| | | | | | | | | P | | | | | | | | | | | | | | | | |
| X | X | X | X | X | 3 | / | / | / | X | / | X | X | X | X | X | X | / | X | / | X | X | X | X | X |
| X | X | X | 5 | 4 | 3 | 2 | 1 | / | / | / | X | / | X | X | X | / | / | / | X | / | X | X | X | |
| | | | | | | | | C | | | | | | | | C | | | | | | | | |
| | | | | | | | | cc | | | | | | | | cc | | | | | | | | |
| | | | | | | | | P | | | | | | | | P | | | | | | | | |

Skeleton Number: 6073

Completeness: 76-100%

Age: 50+ yr

Sex: Male

Grave group: 6040

Preservation: Good

Stature: 161 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left temporo-mandibular joints, left shoulder joint, left sternoclavicular joint, right ankle joint, right and left metatarsals, Periostitis on left parietal, both tibiae, right and left second metatarsals, Fracture of both nasal bones and maxillae, Benign cyst on right orbital plate (lacrima and ethmoid affected). Enamel hypoplasia, Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|----|----|----|----|----|----|---|----|-----------|----|----|----|----|----|----|---|----|----|----|----|----|----|----|---|
| | | | | | | | | PC | | | | | | | | | | | | | | | |
| | | | | | | | | P | | | | | | | | P | | | | | | | |
| | | | | | | | | cc | | | | | | | | cc | | | | | | | |
| | | | | | | | | R | | | | | | | | H | | | | | | | |
| X | X | X | X | 4 | 3 | 2 | 1 | 1 | 2 | 3 | X | X | X | X | X | 1 | 2 | 3 | X | X | X | X | X |
| 8 | 7 | 6 | 5 | 4 | 3 | X | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | / | 1 | 2 | 3 | 4 | 5 | 6 | 7 | / |
| cc | cc | cc | cc | cc | cc | | cc | cc | cc | cc | cc | cc | cc | cc | | cc | cc | cc | cc | cc | cc | cc | |
| P | P | P | P | P | P | | P | P | P | P | P | P | P | P | | P | P | P | P | P | P | P | |
| | | | | | | | | PC | | | | | | | | | | | | | | | |

Skeleton Number: 6078

Completeness: 51-75%

Age: 40+ yr

Sex: Male?

Grave group: 6420

Preservation: Poor

Stature: 168 cm

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease of right shoulder joint, both hip joints, both knee joints, left ankle joint, right and left tarsals and first metatarsals, Possible case of erosive joint disease on first metatarsals and proximal foot phalanx, Cribra orbitalia, Fracture of left nasal bone. Dental calculus, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|
| P | | | | | | | | P | | | | | | | | P | | | | | | | |
| | | | | | | | | cc | | | | | | | | cc | | | | | | | |
| 8 | 7 | X | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | - | - | - | 1 | 2 | 3 | 4 | 5 | - | - | - |
| - | 7 | - | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | - | - | - | 1 | 2 | 3 | 4 | 5 | - | - | - |
| | | | | | | | | cc | | | | | | | | cc | | | | | | | |

Skeleton Number: 6082

Completeness: 76-100%

Age: 40+ yr

Sex: Male

Grave group: 6560

Preservation: Good

Stature: 170 cm

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease of right wrist joint, Periostitis on three ribs, Cribra orbitalia, Fracture of right and left nasal bones, left rib, right scaphoid, left tibia, left fibula and left first metatarsal. Enamel hypoplasia, Dental caries, Dental calculus, Periapical cavity, Periodontal disease

Appendix Three

| R | | Dentition | | | | | | | | L | | | | | | | |
|----|----|-----------|----|----|----|----|----|--|--|----|----|----|----|----|----|----|----|
| | P | | | | | | | | | | | | | | | | |
| | cc | | | | | | | | | | | | | | | | |
| NP | 7 | X | X | X | / | / | | | | / | / | / | X | X | X | X | NP |
| NP | NP | 6 | 5 | 4 | 3 | 2 | 1 | | | 1 | 2 | 3 | 4 | 5 | 6 | NP | NP |
| | | C | | | | | | | | H | | | | | | | |
| | | cc | cc | cc | cc | cc | cc | | | cc | cc | cc | cc | cc | cc | | |
| | | P | P | P | P | P | P | | | P | P | P | P | P | P | | |
| | | PC | | | | | | | | | | | | | | | |

Skeleton Number: 6085

Grave group: 6460

Completeness: 76–100%

Preservation: Good

Age: 50+ yr

Sex: Male

Stature: 166 cm

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease on both hip joints, DISH, Porotic Hyperostosis, Cribra orbitalia, Fracture of right radius and ulna, Button osteoma, Enamel hypoplasia, Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | Dentition | | | | | | | | L | | | | | | | |
|---|---|-----------|----|----|----|---|---|---|---|---|----|----|----|---|---|----|----|
| | | | P | P | P | | | | | | PC | PC | | | | | |
| | | | cc | cc | cc | | | | | | | | P | P | | P | P |
| | | | | | | | | | | | | | cc | | | cc | cc |
| | | | | | | | | | | | | | | R | | C | C |
| / | X | X | 5 | 4 | 3 | X | / | / | / | / | X | X | 4 | 5 | X | 7 | 8 |
| X | X | X | X | X | X | X | X | X | X | X | X | 3 | X | X | X | X | X |
| | | | | | | | | | | | | H | | | | | |
| | | | | | | | | | | | | cc | | | | | |

Skeleton Number: 6089

Grave group: 6420

Completeness: 76–100%

Preservation: Good

Age: 35–45 yr

Sex: Male

Stature: 165 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left tarsals, Periostitis on four ribs, left radius, left ulna, both tibiae and fibulae, both tali, Fracture of both nasal bones and maxillae, Amputation likely on left hand. Enamel hypoplasia, Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | Dentition | | | | | | | | L | | | | | | | |
|---|----|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | PC | | | | | | | | | | | | | | | | |
| | P | P | P | P | P | P | | | | | | P | P | P | P | P | |
| | | | | | | | | | | | | cc | cc | cc | cc | cc | |
| | | C | H | H | H | H | B | | | | | H | H | | | | |
| X | 7 | 6 | 5 | 4 | 3 | 2 | / | / | / | / | / | 3 | 4 | 5 | 6 | 7 | X |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| | | | | | H | H | | | | | | H | H | H | | H | |
| | | | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc |
| | | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |

Skeleton Number: 6092

Grave group: 6120

Completeness: 51–75%

Preservation: Poor

Age: 40+ yr

Sex: Male

Stature: 160 cm

Summary of pathological conditions: Porotic hyperostosis, Cribra orbitalia, Trauma on left nasal bone and right tibia

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| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | / | X | X | X | X | - | - | - | - | - | - | X | X | X | X | X | X | X | X |
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

Skeleton Number: 6094

Grave group: 6120

Completeness: 51-75%

Preservation: Poor

Age: 40-50 yr

Sex: Male

Stature: 162 cm

Summary of pathological conditions: Spinal degenerative joint disease, Porotic hyperostosis, Cribrra orbitalia, Maxillary sinusitis, Periostitis on right and left fibula, right tibia, Fracture of right fourth metacarpal, right fibula, left femur, left second metatarsal, L3-L5 vertebrae. Enamel hypoplasia, Dental caries, Dental calculus, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|----|----|----|----|----|----|----|----|-----------|---|---|---|---|---|---|----|---|---|---|---|---|---|---|----|
| - | X | X | / | / | P | X | - | P | - | P | - | - | - | - | - | P | - | P | - | - | - | - | - |
| NP | 7 | 6 | 5 | 4 | 3 | 2 | 1 | / | / | 3 | 4 | 5 | 6 | 7 | NP | / | / | 3 | 4 | 5 | 6 | 7 | NP |
| | C | C | | | H | | | | | C | C | C | C | | | | C | C | C | C | | | |
| | | H | | | H | | | | | H | | | H | | | | H | | | H | | | |
| | cc | cc | cc | cc | cc | cc | cc | | | | | | | | | | | | | | | | |
| | P | P | P | P | P | P | P | | | P | P | P | P | P | | | P | P | P | P | P | P | |

Skeleton Number: 6096

Grave group: 6040

Completeness: 76-100%

Preservation: Good

Age: 50+ yr

Sex: Male

Stature: 179 cm

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease of right and left temporo-mandibular joints, right shoulder joint, right elbow joint, right knee joint, right and left tarsals, Possible cyst on sphenoid, Fracture of nasal bones and possibly on left clavicle

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

Skeleton Number: 6098

Grave group: 6540

Completeness: 76-100%

Preservation: Poor

Age: 50+ yr

Sex: Male

Stature: 166 cm

Summary of pathological conditions: Spinal Degenerative Joint Disease, Degenerative Joint disease of right and left hip joint, left tibia, Fracture of frontal bone, Rickets. Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | | | | | | |
|----|---|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|---|----|----|----|----|----|----|----|
| | | P | P | | | P | P | P | P | | | | | P | | | P | P | | | P | P | |
| | | cc | cc | | | cc | cc | cc | cc | cc | cc | cc | cc | cc | | | cc | cc | cc | cc | cc | cc | |
| | | | | | | C | | | | C | R | | | | | | C | R | | | | | |
| NP | 7 | 6 | / | / | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | X | NP | 1 | 2 | 3 | 4 | 5 | 6 | X | NP |
| X | X | 6 | 5 | 4 | 3 | 2 | 1 | X | X | 3 | 4 | 5 | X | X | 8 | X | X | 3 | 4 | 5 | X | X | 8 |
| | | C | C | | | C | R | | | | | | | | C | | | | | | | | C |
| | | cc | cc | cc | cc | | | | | cc | cc | cc | | | cc | | | cc | cc | cc | | | cc |
| | | P | | | | | | | | | | | | | P | | | | | | | | P |
| | | PC | | | | | | | | | | | | | | | | | | | | | |

Appendix Three

Skeleton Number: 6103
Completeness: 76–100%
Age: 50+ yr

Grave group: 6040

Preservation: Poor
Stature: 171 cm

Sex: Male

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left shoulder joints, both hip joints, both knee joints, right trapezium, right and left first metacarpals and hand phalanges, left metatarsals, Fracture of left clavicle. Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | | | Dentition | | | | L | | | | | | | |
|---|---|---|---|-----------|----|----|----|----|----|----|----|---|----|---|---|
| | | | | PC | | PC | | | | | | | | | |
| | | | | cc | | cc | | | | | cc | | cc | | |
| | | | | | | | | | | | | | R | | |
| - | - | - | / | 4 | / | 2 | / | / | X | / | 4 | 5 | 6 | - | - |
| X | X | X | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | / | X | X | X |
| | | | R | | | | | | | | | | | | |
| | | | C | | | | | | | | | | | | |
| | | | | cc | cc | cc | cc | cc | cc | cc | cc | | | | |
| | | | | PC | | | | | | | | | | | |

Skeleton Number: 6105
Completeness: 76–100%
Age: 40+ yr

Grave group: 6250

Preservation: Good
Stature: 158 cm

Sex: Male

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right and left acromio-clavicular joints, right shoulder joint, right elbow joint, right wrist joint, right and left metacarpals, right hand phalanges, Periostitis on right and left tibiae, Porotic hyperostosis, Rickets, Fracture of both nasal bones, two right ribs, right third metacarpal, Button osteoma. Enamel hypoplasia, Periapical cavity, Periodontal disease, Impacted tooth

| R | | | | Dentition | | | | L | | | | | | | |
|---|---|---|---|-----------|---|----|---|---|---|---|---|---|---|---|---|
| | | | | PC | | P | | | | | | | | | |
| | | | | P | | cc | | | | | | | | | |
| | | | | R | | H | | | | | | | | | |
| X | X | X | 5 | X | 3 | X | X | X | X | U | X | X | X | X | X |
| X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

Skeleton Number: 6113
Completeness: 76–100%
Age: 50+ yr

Grave group: 6560

Preservation: Good
Stature: 172 cm (Left humerus)

Sex: Male

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease of right elbow joint, right hip, right triquetrum, Porotic hyperostosis,, Fracture of both nasal bones, Sacralisation. Dental caries, Dental calculus. Periapical cavity, Periodontal disease

| R | | | | Dentition | | | | L | | | | | | | |
|----|----|---|---|-----------|---|----|--|----|----|----|----|---|----|----|----|
| | | | | PC | | PC | | PC | PC | PC | | | | | |
| | | | | P | | | | | | | | | | | |
| | | | | R | | | | | | | | | | | |
| X | X6 | 5 | / | 3 | / | X | | X | X | / | X | X | X | X | X |
| NP | /X | X | X | X | / | / | | / | / | / | X | 5 | 6 | 7 | NP |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | cc | cc | |
| | | | | | | | | | | | | | P | P | P |
| | | | | PC | | | | | PC | | PC | | | | |

Skeleton Number: 6128

Grave group: 6540

Completeness: 51-75%

Preservation: Poor

Age: 50+ yr

Sex: Male

Stature: -

Summary of pathological conditions: Fracture of right nasal bone and right maxilla. Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | |
|----|----|----|----|----|----|---|----|-----------|----|----|----|----|----|----|----|---|--|
| | | | P | P | P | | | | | P | P | P | P | | | | |
| | | | cc | cc | cc | | | | | cc | cc | cc | cc | | | | |
| X | X | X | 5 | 4 | 3 | X | X | X | X | 3 | 4 | 5 | 6 | X | X | | |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| | | | | | | R | | | | | | | | C | R | | |
| cc | cc | cc | cc | cc | cc | | cc | cc | cc | cc | cc | cc | cc | cc | cc | | |
| P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | | |
| | | | | | | | | | | | | | | PC | | | |

Skeleton Number: 6132

Grave group: 6550

Completeness: 76-100%

Preservation: Excellent

Age: 40-50 yr

Sex: Female

Stature: 162 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease on right and left shoulder joints, left elbow joint, right tarsals, left cuboid, Lytic lesion on left lunate

| R | | | | | | | | Dentition | | | | | | | | L | |
|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Skeleton Number: 6142

Grave group: 6460

Completeness: 76-100%

Preservation: Good

Age: 50+ yr

Sex: Male

Stature: 174 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease on left acromio-clavicular joint, right and left sternoclavicular joints, both hip joints, Cribra orbitalia, Fracture of right nasal bone, Lytic lesions on right ilium. Enamel hypoplasia, Dental caries, Dental calculus, Periapical cavity, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | |
|----|---|---|---|----|----|----|----|-----------|----|----|---|----|---|---|---|---|--|
| | | | P | PC | PC | P | P | P | PC | P | | P | | P | | | |
| | | | R | | | R | cc | cc | | | | | | | | | |
| | | | H | | | H | C | H | | | | | | | | | |
| X | / | / | 5 | X | X | 2 | 1 | 1 | 2 | R | X | R | X | R | | | |
| NP | 7 | X | X | 4 | 3 | 2 | X | X | 2 | 3 | 4 | 5 | X | 7 | X | | |
| | | | | | C | C | | | | C | C | R | | C | | | |
| | | | | H | | | | | | H | | | | | | | |
| | | | | cc | cc | cc | | | cc | cc | | | | | | | |
| | | | | P | P | P | | | P | P | P | P | | P | | | |
| | | | | | | | | | | | | PC | | | | | |

Skeleton Number: 6146

Grave group: 6460

Completeness: 76-100%

Preservation: Good

Age: 50+ yr

Sex: Male

Stature: 175 cm

Summary of pathological conditions: Spinal degenerative joint disease, Degenerative joint disease on left shoulder joint, left elbow joint, both hip joints, right carpals, Porotic hyperostosis, Rickets, Fracture of left ulna. Dental caries, Dental calculus, Periapical cavity, Periodontal disease

Appendix Three

| R | | | | | | | | Dentition | | | | | | | | L | | |
|----|----|---|---------|---------|---|---|---|-----------|---|--------------|---------|---------|--------------|---|---|---|--|--|
| PC | PC | | P cc | P cc | | | | | | P cc R | P cc | P cc | P cc C | | | | | |
| / | / | / | 5 | 4 | / | / | / | / | / | 2 | 3 | 4 | 5 | X | X | X | | |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | X | | | |
| | | | | | | | | | | | | | R | | | | | |

Skeleton Number: 6151

Completeness: 76-100%

Age: 45+ yr

Sex: Male

Grave group: 6460

Preservation: Good

Stature: 165 cm

Summary of pathological conditions: Spinal degenerative joint disease, Schmorl's nodes, Degenerative joint disease on right and left temporo-mandibular joints, left shoulder joint, both elbow joints, Porotic hyperostosis, Cribra orbitalia, Possible osteitis on left radius and right tibia, Fracture of nasal bones, right maxilla, left clavicle, two right ribs and L1 vertebra, Ante-mortem perforation on left maxilla, Possible developmental defect on left tibia. Dental calculus, Periapical cavity, Periodontal disease

| R | | | | | | | | Dentition | | | | | | | | L | | |
|---|---|---|---|---|---|---|--------------|--------------|----|---|--------------|--------------|---|---|---|---|--|--|
| | | | | | | | P cc 1 | P cc 1 | | | P cc 4 | P cc 5 | | | | | | |
| X | X | X | X | X | / | / | 1 | 1 | / | X | 4 | 5 | X | X | X | | | |
| X | X | X | X | X | X | X | X | / | X | X | X | X | X | X | X | | | |
| | | | | | | | | | PC | | | | | | | | | |

Appendix 4: Coffin Fittings

The appendix is in two parts. The first part - Appendix 4a - is a catalogue of selected grave fittings quantifying and describing the elements recovered. The second part - Appendix 4b - is a summary of the remaining coffin fittings. Both Appendices are or-

dered by grave cut number (column 1) then skeleton number (column 2). The third column gives the context number for the associated coffin remains where appropriate. The fourth column gives the context number allocated to the finds.

Appendix 4a Catalogue of coffin fittings and nails from Areas 1 and 2.

| Grave | Skeleton | Coffin | Context | Breastplates | Grips | Grip plates | Coffin nails (count) | Upholstery studs (count) | Unidentified metal fittings |
|-------|-------------|-------------|-----------|--|--|---|---|---|---|
| 3028 | 3039 | 3048 | 3039 | - | - | - | - | iron; corroded; wood adhering to reverse. (2) | 1 x fragment of corroded iron plate -?? grip plate fragment found near foot |
| | | | 3048 | - | x 5; iron; very corroded; CCS type 1 | iron; fragmented; rounded border; type unidentifiable iron; | iron; mixed preservation; wood adhering to shafts. (21) | iron; poor preservation; wood adhering to reverse. (c. 50) | - |
| 3028 | 3086 | 3087 | 3087 | - | x 4; iron, very corroded, fragmented | iron; fragments only; sunburst motif -?? CCS3 | iron; well preserved; wood adhering to shafts. (42) | iron; mixed preservation; wood adhering to reverse. (190-200) | - |
| | | | 3089 | iron; corroded and very fragmented; drapery & floral motifs discernible | - | - | - | - | - |
| 3028 | 3029 / 3032 | 3031 / 3033 | fill 3027 | - | x 4; iron; very corroded; ? CCS type 1 | iron; c. 4 fragments of punched plate associated with grips; type unidentifiable | - | iron; very corroded; wood adhering to reverse. (3) | x 2 iron grip bolts |
| 3028 | 3029 | 3031 | 3031 | iron; very corroded and incomplete; tendrils, rope swirls, rope border motifs seen | x 6-7; iron; very corroded fragmented | iron; fragments of punched plate adhering to grip, type not identified but swirls similar to CCS 13 | iron; mixed preservation; wood adhering to shafts; variable sizes. (20) | iron; very corroded; wood adhering to reverse. (292) | x 3 iron grip bolts |
| 3028 | 3032 | 3033 | 3032 | - | - | - | iron; incomplete shaft with wood adhering. (1) | - | - |

(continued on next page)

Appendix Four

Appendix 4a (continued)

| Grave | Skeleton | Coffin | Context | Breastplates | Grips | Grip plates | Coffin nails (count) | Upholstery studs (count) | Unidentified metal fittings |
|-------|----------------------------------|------------------------------------|--------------|--|---|---|--|---|---|
| | | | 3033 | - | x 2; iron; concretions ++, very corroded; type un-identifiable | iron; fragments adhering to grip; others loose; no design identifiable | iron; corroded ++; variable sizes. (19) | iron; corroded; wood adhering to reverse. (65) | 1 x grip bolt, iron |
| 3036 | 3051 | 3049 | 3049 | - | x 4; iron; fragmented; type unidentifiable | - | iron; good preservation; wood adhering to shafts. (29-32) | (330) | x 1; iron; corroded ? knife blade |
| 3036 | 3051 3035 | 3049 3053 | fill 3034 | - | very poorly preserved iron; no and type could not be identified | small fragments of iron plate may be grip plate | iron; mixed preservation; wood adhering to shafts; variable sizes. (10) | iron; corroded; wood adhering to reverse; rows of up to 4 studs. (75) | 1 x iron grip bolt |
| 3041 | 3068 3057 3044 | 3067 3059 3043 | fill 3042 | - | - | - | - | - | x 6 small iron fragments -? grip or large nail iron; fragments of punched iron plate-possible lid motif/escutcheon; measuring 1.5 x 2 cm; severely corroded |
| 3041 | 3044 | 3043 | 3043 | iron; multiple fragments; too corroded-no motifs or type identified | x 5; iron; near complete but severely corroded; type not identified | iron; fragments of plate adhering to reverse of grips; severely corroded -type not identified | iron; moderately to severely corroded; wood adhering to shaft. (28) | black enamelled iron; in rows or clusters; severely corroded; wood adhering to reverse. (433 single studs; 34 fragments of 2 studs; 58 fragments of multiple stud clusters) | several amorphous iron fragments -? Grips; numerous small unidentified lumps of severely corroded iron |
| 3074 | 3107 / 3106 3105 / 3072 | 3228 / ?3104 ?3104 / 3071 | fill 3073 | iron; fragmented & incomplete ; several small fragments (mostly 1 x 1 cm; iron; punched plate; type not identifiable but two parallel lines of a border seen | - | - | iron; varied sizes; moderate to severe corrosion; wood adhering to shafts. (82-87) | iron; moderately to severely corroded;; wood adhering to reverse. (197) | |
| 3074 | 3107 | 3228 | 3107 | - | - | - | iron; medium-sized, corroded; wood adhering to shaft. (1) | - | - |

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Appendix 4a *(continued)*

| Grave | Skeleton | Coffin | Context | Breastplates | Grips | Grip plates | Coffin nails (count) | Upholstery studs (count) | Unidentified metal fittings |
|-------|--------------|--------|--------------|--|---|--|---|--|---|
| | | | 3228 | - | x 8; iron; fairly well preserved; CCS type 2a | No evidence of plates | iron; mixed preservation; wood adhering to shafts; variable sizes. (59) | iron; single corroded studs; wood adhering to reverse. (5) | iron grip bolts attached to grips |
| 3074 | 3106 3105 | 23104 | 3104 | iron; fragmented & incomplete; drapery motif & rope border seen; central panel rectangular or tapered; black painted | x 5; iron; marked concretions on one, others fair preservation; CCS type 2a | fragments of iron plate adhering to reverse of grip | - | iron; corroded; wood adhering to reverse; all single. (8) | 1x iron grip bolt |
| 3074 | 3105 | 23104 | 3105 | - | - | - | iron; medium-sized, corroded; wood adhering to shaft. (3) | - | - |
| 3074 | 3072 | 3071 | 3071 | - | x 3; iron; 2 complete & one 3/4 complete; severely corroded | - | - | - | - |
| | | | 3072 | - | - | x 1 possible fragment; iron; severely corroded; no motif or type identified | iron; moderately corroded. (1) | - | - |
| 3078 | 3102 | 3109 | Fill 3079 | - | x 1 iron; exceedingly badly corroded & concretions ++; type not identified | iron; fragmented & incomplete; punched decoration but motifs not discernible. ? breastplate ? grip plate | - | (17) | several amorphous iron fragments -? grips |
| | | | 3109 | iron; fragmented & incomplete; central panel appeared oval, surrounded by double border & swirl motifs | x 1; iron; marked concretions; type not identified | - | iron; medium-sized, corroded; wood adhering to shaft. (13) | iron; very corroded; wood adhering to reverse; studs clumping together in groups, or forming double row. (126) | - |

(continued on next page)

Appendix Four

Appendix 4a (continued)

| Grave | Skeleton | Coffin | Context | Breastplates | Grips | Grip plates | Coffin nails (count) | Upholstery studs (count) | Unidentified metal fittings |
|-------|------------------------------|---------------------------|--------------|--|---|-------------|---|---|--|
| 3091 | 3164 3103 3108 3139 | 3163 3111 3138 - | Fill 3092 | iron; very fragmented and corroded | possible x 1; fragments only; border discerned | - | iron; well preserved; wood adhering to shafts. (7) | iron studs, very corroded and concretions ++ (30-40) | x 1 large metal object with large flange and shaft ; incomplete; flange 4.3 cm diameter; shaft 9.2 cm length |
| 3091 | 3164 | 3163 | 3163 | iron; very corroded and incomplete; drapery motifs seen | - | - | iron; mixed preservation; wood adhering to shafts; variable sizes. (8) | iron; very corroded; wood adhering to reverse; some studs arranged together in clusters. (20) | - |
| 3091 | 3103 | 3111 | 3103 3111 | - iron; very fragmented; type not identified | - - | - - | - iron; moderate to severe corrosion; wood adhering to shafts. (31) | iron; corroded. (1) black painted iron; severely corroded; often wood adhering to reverse. (58 single studs; x 16 fragments containing several studs in clusters and rows) | - lump of amorphous iron, severely corroded |
| 3093 | 3101 | none | 3101 | - | - | - | iron; medium-sized, corroded. (1) | - | - |
| 3095 | 3098 | 3097 | 3097 3098 | iron; very fragmented and corroded; type not identifiable- border & foliage motifs present | iron; very fragmented and corroded- 1 or 2 present; ? CCS 1 | - - | iron; preservation variable; wood adhering to shafts but no upholstery. (20) | iron studs, very corroded and concretions ++; rows suggest studs delineated margin of lid & side panels; clumps suggest patterns. (c 100) | - - |
| 3095 | 3099 | 3134 | 3134 | - | - | - | iron; very corroded. (1) iron; mixed preservation; wood adhering to shafts. (22) | iron; poor preservation; wood adhering to reverse. (18-20) | amorphous concretions; one fragment of punched iron plate -? grip plate/ breastplate/ lid motif |

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Appendix 4a (continued)

| Grave | Skeleton | Coffin | Context | Breastplates | Grips | Grip plates | Coffin nails (count) | Upholstery studs (count) | Unidentified metal fittings |
|-------|----------------------------------|----------------------------------|--------------|---|---|--|--|--|--|
| 3107 | 3024 3016 3019 | 3025 }3015 | fill 3018 | - | - | - | iron; mixed preservation; wood adhering to shafts. (30) | - | - |
| 3107 | 3024 | 3025 | 3025 | - | - | - | iron; mixed preservation; wood adhering to shafts; variable sizes. (33-35) | iron; very corroded, wood adhering to reverse; small clumps & rows of c.3 studs. (118) | 3 x iron fragments of thin plate- ? breastplate/ lid motif/ grip plate |
| 3118 | 3119 | 3121 | 3121 | - | x 5; iron; 2 complete; moderate to severe corrosion; no type identified | x 3; iron; rusted onto reverse of grips; severely corroded; no type or motifs identified | iron; moderate to severe corrosion; wood adhering to shafts. (15) | iron; severely corroded. (3) | - |
| 3123 | 3124 | 3125 | 3125 | x 1 fragment of breastplate; corroded; no motif or type discernible | x 4; iron; incomplete; severely corroded; type not discernible | - | iron; severely corroded; wood adhering to shaft. (5) | iron; severely corroded. (5) | numerous small amorphous fragments of corroded iron; many have wood attached |
| | | | 3226 | iron; very corroded & incomplete; swirl motif seen; upholstery fabric adhering to reverse | - | - | - | iron; very corroded; wood adhering to reverse. (7) | - |
| 3127 | 3191 / 3212 3162 / 3211 | none / 3225 3165 / none | fill 3128 | - | x 2; iron; very corroded-type not identifiable | 5 x small fragments of iron plate-? grip plate | iron; most well preserved; wood adhering to shaft. (37) | iron; very corroded. (c. 5) | numerous amorphous fragments of iron; concretions +++ |
| 3127 | 3191 | none | 3191 | - | - | - | iron; moderately corroded. (8) | - | Circular iron lump, severely corroded |
| 3127 | 3212 | 3225 | 3225 | iron; very fragmented & incomplete; tendrils and border identified | x 3; iron; corroded & concretions ++ | x 3; iron; adhering to grip; very corroded | iron; mixed preservation; wood adhering to shafts; variable sizes. (20) | - | - |
| 3127 | 3162 | 3165 | 3165 | - | x 3; iron; extremely corroded & concreted; type unidentifiable | fragments of iron plate adhering to reverse of grips | - | - | several amorphous iron fragments -?? grips |

(continued on next page)

Appendix Four

Appendix 4a (continued)

| Grave | Skeleton | Coffin | Context | Breastplates | Grips | Grip plates | Coffin nails (count) | Upholstery studs (count) | Unidentified metal fittings |
|-------|----------------------|----------------------|--------------|--|--|----------------------------|---|---|--|
| 3131 | 3132 3144 3152 | 3172 3145 3153 | 3131 | - | x 1; iron; exceedingly corroded and concreted; type unidentifiable | - | iron; mixed preservation; wood adhering to shafts. (16-18) | - | numerous amorphous concretions containing iron |
| | | | fill 3129 | iron; highly fragmented and incomplete; style not identified; nailed to coffin | - | - | iron; preservation mixed; wood adhering to shaft. (7) | - | - |
| 3131 | 3144 | 3145 | 3144 | - | - | - | iron; poorly preserved. (1) | - | - |
| | | | 3145 | - | - | - | iron; mixed preservation; wood adhering to shafts. (18) | iron; exceedingly poor preservation; clusters of studs. (10-15) | - |
| 3131 | 3152 | 3153 | 3153 | - | - | - | iron; mixed preservation; wood adhering to shafts. (7) | iron; poor preservation; wood adhering to reverse. (5) | - |
| 3142 | 3143 | 3161 | 3161 | iron; very corroded & incomplete; no motifs seen | x1; iron; amorphous corroded +++ | - | iron; mixed preservation; wood adhering to shafts; variable sizes. (21) | iron; corroded; wood adhering to reverse. (79) | several amorphous iron fragments -?? grips |
| 3149 | 3176 3151 3148 | - - - | fill 3133 | - | - | - | iron; well preserved, 2 bent at right angles. (10) | - | - |
| 3156 | 3159 | 3158 | 3158 | - | x 4; iron; corroded; CCS type 2a | No evidence of grip plates | iron; mixed preservation; wood adhering to shafts; variable sizes. (21) | iron; corroded; wood adhering to reverse; all single. (12) | several amorphous iron fragments -?? grips |
| 3167 | 3177 3168 | - 3169 | fill 3166 | - | - | - | - | - | several fragments of thin iron plate; no decoration surviving-corroded +- ? breastplate/grip plate/lid motif |
| 3167 | 3168 | 3169 | 3169 | - | - | - | iron; medium-sized, corroded. (3) | - | - |

A Study of RN Veterans' Remains Based on Greenwich Records

Appendix 4a (continued)

| Grave | Skeleton | Coffin | Context | Breastplates | Grips | Grip plates | Coffin nails (count) | Upholstery studs (count) | Unidentified metal fittings |
|-------|----------------------|----------------------|--------------|--|--|---|---|---|--|
| 3193 | 3202 | 3203 | 3203 | - | - | - | iron; moderately corroded; wood adhering to shaft. (19) | - | - |
| 3193 | 3194 | 3195 | 3195 | - | x 1 possible grip, measuring 7 x 2 cm; severely corroded | - | iron; moderately to severely corroded; wood adhering to shaft. (14) | - | x 1 large iron lump with two nails protruding at right angles-possible lid motif or grip |
| 3198 | 3253 3243 3201 | 3254 3244 none | fill 3199 | - | - | lead; severely corroded; 4 x 2 cm in size | iron; moderately corroded. (13) | - | U-shaped iron hoop, moderately corroded |
| 3207 | 3208 | 3209 | 3209 | - | x 1 possible grip, measuring 7 x 2 cm; severely corroded | - | iron; severely corroded; wood adhering to shaft. (14) | - | 3 x iron lumps, severely corroded- ? grips |
| 3215 | 3218 | 3217 | 3217 | iron; very corroded & fragmented; type not identifiable but swirls of ? foliage & sunbursts seen; border shaped as in CSS 35 or 38 | x 5-6; iron; very corroded & fragmented | iron; fragments of plate adhering to reverse of grips | iron; mixed preservation; wood adhering to shafts; variable sizes. (27) | iron; very corroded; wood adhering to reverse; studs together forming rows & triangles. (180-200) | x 1 iron grip bolt |
| 3219 | 3223 | 3222 | 3222 | iron; very, very fragmented and incomplete; no patterns discernible | x 6; iron; very corroded; CCS 3b | iron; tiny fragments of plate associated with grip | iron; very corroded. (1) | iron; very corroded; wood adhering to reverse. (20) | - |
| 3239 | 3241 | 3242 | 3242 | - | - | - | iron; very corroded; wood adhering to reverse. (10) | - | - |
| 3247 | 3255 3249 | - - | fill 3248 | - | - | - | iron; well preserved; wood adhering to reverse. (19 larger nails and 4 tacks) | iron; concretions ++ (4) | - |
| 3247 | 3249 | - | 3249 | - | - | - | iron; well preserved; wood adhering to reverse. (1) | - | - |

(continued on next page)

Appendix Four

Appendix 4a (continued)

| Grave | Skeleton | Coffin | Context | Breastplates | Grips | Grip plates | Coffin nails (count) | Upholstery studs (count) | Unidentified metal fittings |
|-------|----------------------------------|----------------------------------|--------------|---|---|---|---|---|---|
| 6002 | 6019 / 6017 6014 / 6003 | 6021 / 6018 6015 / 6004 | fill 6001 | - | - | - | iron; severely corroded. (1) | - | - |
| 6002 | 6019 | 6021 | 6021 | - | - | - | iron; moderately corroded. (23) | - | - |
| 6002 | 6017 | 6018 | 6018 | - | - | - | iron; severely corroded. (22) | iron; moderately to severely corroded; wood adhering to reverse. (15 single studs) | - |
| 6002 | 6014 | 6015 | 6015 | - | - | - | iron; severely corroded. (6) | iron; moderately to severely corroded; wood adhering to reverse. (2 single studs) | - |
| 6002 | 6003 | 6004 | 6004 | x 4; fragments of punched plate, largest 5 x 3 cm; severely corroded; no motifs or type discerned | - | - | iron; severely corroded. (18) | iron; moderately to severely corroded; wood adhering to reverse. (132 single studs) | - |
| 6009 | 6016 | 6031 | 6031 | - | - | - | iron; moderately corroded. (15) | - | - |
| 6009 | 6013 | 6012 | 6012 | - | - | - | iron; moderately corroded. (21) | - | - |
| 6025 | 6105 | 6106 | 6106 | - | iron; severely corroded onto grip plate; shape barely discernible | iron; fragmented & corroded onto grip; rectangular in shape, but other detail obliterated | iron; moderately to severely corroded; wood adhering to shaft. (14) | iron; moderately to severely corroded; wood adhering to reverse. (28 single studs; 3 clusters of studs) | x 1 severely corroded lump of iron (4 x 2 cm)- possible grip and grip plate |
| 6025 | 6023 | 6022 | 6022 | - | - | - | iron; severely corroded. (8) | - | x 2 amorphous lumps of iron- ?? grips |
| 6026 | 6056 / 6058 6027 / 6053 | 6057 / 6059 6028 / 6054 | fill 6029 | - | x 1; iron; near complete; corroded, type not identified | - | iron; moderately to severely corroded. (9) | iron; moderately to severely corroded; wood adhering to reverse. (49) | - |

A Study of RN Veterans' Remains Based on Greenwich Records

Appendix 4a *(continued)*

| Grave | Skeleton | Coffin | Context | Breastplates | Grips | Grip plates | Coffin nails (count) | Upholstery studs (count) | Unidentified metal fittings |
|-------|----------|--------|---------|--------------|---|-------------|---|---|---|
| 6026 | 6027 | 6028 | 6028 | - | x 1; iron; complete; moderately corroded | - | - | iron; moderately to severely corroded; wood adhering to reverse. (11 single studs) | - |
| 6032 | 6094 | 6095 | 6095 | - | - | - | iron; mixed preservation; wood adhering to shafts. (5) | - | - |
| 6032 | 6092 | 6091 | 6091 | - | - | - | iron; mixed preservation; wood adhering to shafts. (12) | - | - |
| 6039 | 6037 | 6038 | 6037 | - | - | - | - | - | x 1; iron; moderately corroded; possible small hinge or bracket |
| 6039 | 6035 | 6036 | 6036 | - | - | - | iron; moderately corroded; wood adhering to shafts. (36) | iron; moderately to severely corroded; wood adhering to reverse. (41) | - |
| 6062 | 6103 | 6104 | 6104 | - | - | - | iron; moderate to severe corrosion; wood adhering to shafts. (25) | iron; severely corroded; wood adhering to reverse. (8) | - |
| 6062 | 6096 | 6097 | 6097 | - | x 3; iron; incomplete and very corroded; CCS type 3b | - | iron; mixed preservation; wood adhering to shafts. (23) | iron; poor preservation; wood adhering to reverse. | amorphous concretions; 5 fragments of punched iron plate -? grip plate/ breastplate/ lid motif |
| 6069 | 6128 | 6129 | 6129 | - | - | - | iron; moderate to severe corrosion; wood adhering to shafts. (17) | - | - |

(continued on next page)

Appendix Four

Appendix 4a (continued)

| Grave | Skeleton | Coffin | Context | Breastplates | Grips | Grip plates | Coffin nails (count) | Upholstery studs (count) | Unidentified metal fittings |
|-------|----------|--------|---------|---|--|--|---|---|---|
| 6075 | 6089 | 6088 | 6088 | - | - | - | iron; mixed preservation; wood adhering to shafts. (25) | iron; poor preservation; wood adhering to reverse. (250-270) | amorphous concretions; 1 fragment of punched iron plate -? grip plate/ breastplate/ lid motif |
| 6081 | 6113 | 6114 | 6114 | - | - | - | iron; moderate to severe corrosion; wood adhering to shafts. (23) | - | - |
| 6084 | 6146 | 6147 | 6147 | iron; very corroded and fragmented; type not identified but punched border & foliage motif seen | x 4; iron; corroded; CCS type 3b | x 1; iron; very corroded and fragmented | iron; poor preservation; wood adhering to shafts. (6) | iron; very corroded, wood adhering to reverse; multiple studs forming triangle. (80) | - |
| 6084 | 6151 | 6152 | 6152 | - | - | x 4; iron; severely corroded, adhering to grips; type not identified but fusiform & small -17.2 x 5.2 cm | iron; poor preservation; wood adhering to shafts. (8-10) | iron; very corroded, wood adhering to reverse; studs spaced c. 1 inch apart. (275) | - |
| 6084 | 6142 | 6143 | 6143 | iron; severely corroded fragment of punched plate, 2 x 2 cm; possibly breastplate; no motifs or type identified | x 2; iron; 1 complete, one incomplete; moderately corroded-type not identified | - | iron; moderately to severely corroded; wood adhering to shaft. (22) | iron; moderately to severely corroded; wood adhering to reverse. (152 single studs; 15 of 2 studs; 1 row of 4 studs; 3 clusters of studs) | x 1; iron fragment (3 x 1 cm); severely corroded |
| 6131 | 6132 | 6133 | 6133 | iron; numerous small fragments of punched plate (2 x 2 cm); possible breastplate; no motifs or type discernible | x 2; iron; 1 complete, one incomplete; corroded; type not identifiable | - | iron; moderate to severe corrosion; wood adhering to shafts. (27) | iron; moderately to severely corroded; wood adhering to reverse. (60) | 2 amorphous lumps of severely corroded iron |

A Study of RN Veterans' Remains Based on Greenwich Records

Appendix 4b Summary quantification of uncatalogued nails and fittings from burials in Areas 1 and 2.

| Grave | Skeleton | Coffin | Context | Breastplates | Grips | Grip plates | Coffin nails | Upholstery studs | Count of metal fittings |
|-------|-------------|-------------|---------|--------------|--------------|-------------|--------------|------------------|--------------------------|
| 3036 | 3051 | 3049 | 3052 | present | - | - | - | - | x 50 fe coffin fittings |
| 3041 | 3057 | 3059 | 3059 | present | - | - | present | present | x 150 fe coffin fittings |
| 3041 | 3068 | 3067 | 3067 | fragmentary | - | - | present | present | x 250 fe coffin fittings |
| 3047 | 3045 | 3062 | 3062 | - | present | - | present | - | x 201 fe coffin fittings |
| 3064 | 3061 | 3066 | 3066 | present | present | - | present | - | x 50 fe coffin fittings |
| 3093 | - | - | 3384 | - | - | - | - | - | x 8 fe coffin fittings |
| 3127 | | | | | | | | | |
| 3142 | 3189 | 3188 | 3188 | - | - | - | nails only | - | x 20 fe coffin fittings |
| 3175 | 3174 | 3173 | 3173 | fragmentary | present | present | present | present | x 168 fe coffin fittings |
| 3179 | 3182 | 3183 | 3183 | fragment | x1 fe grip | - | present | - | x 138 fe coffin fittings |
| 3185 | 3187 | - | 3186 | - | - | - | - | - | x 4 fe coffin fittings |
| 3198 | 3243 | 3244 | 3244 | - | - | - | nails only | - | x 20 fe coffin fittings |
| 3198 | 3253 | 3254 | 3253 | - | - | - | nails only | - | x 2 fe coffin fittings |
| | | | 3254 | - | - | - | - | - | x 50 fe coffin fittings |
| 3207 | 3213 | 3214 | 3214 | - | - | - | nails only | - | x 20 fe coffin fittings |
| 3236 | 3245 | 3246 | 3246 | present | x 5 grips | - | present | present | x 205 fe coffin fittings |
| 3239 | 3269 | 3271 | 3269 | - | - | - | nails only | - | x 3 fe coffin fittings |
| | | | 3271 | - | - | - | - | - | x 10 fe coffin fittings |
| 3239 | 3272 | 3273 | 3273 | - | - | - | nails only | - | x 42 fe coffin fittings |
| 3247 | 3255 | - | 3255 | - | - | - | present | present | x 1 fe coffin fitting |
| 3257 | 3258 | 3259 | 3259 | - | - | - | nails only | - | x 6 fe coffin fittings |
| 3257 | 3261 | 3262 | 3262 | - | - | - | nails only | - | x 1 fe coffin fitting |
| 3257 | 3258 | 3259 | 3256 | - | - | - | present | - | x 9 fe coffin fittings |
| | 3261 | 3262 | | | | | | | |
| 3627 | 3628 | - | 3629 | - | - | - | - | - | x 2 fe coffin fittings |
| 6026 | 6053 | 6054 | 6053 | - | x1 fe grip | - | present | present | x 1 fe coffin fitting |
| | | | 6054 | - | - | - | - | - | x 100 fe coffin fittings |
| 6026 | 6056 | 6057 | 6057 | - | x1 fe grip | - | present | - | x 100 fe coffin fittings |
| 6026 | 6058 | 6059 | 6059 | - | x 1 fe grip | - | present | - | x 42 fe coffin fittings |
| 6039 | 6037 | 6038 | 6038 | - | - | - | nails only | - | x 50 fe coffin fittings |
| 6062 | 6063 | 6064 | 6064 | - | - | - | nails only | - | x 12 fe coffin fittings |
| 6062 | 6073 | 6074 | 6074 | - | - | - | present | present | x 28 fe coffin fittings |
| 6069 | 6098 | 6072 | 6072 | - | - | - | present | - | x 20 fe coffin fittings |
| 6075 | 6078 / 6089 | 6077 / 6088 | 6076 | - | - | - | - | - | x 1 fe coffin fittings |
| 6075 | 6078 | 6077 | 6077 | - | x 2 fe grips | - | present | - | x 182 fe coffin fittings |
| 6081 | 6082 | | 6083 | - | - | - | nails only | - | x 34 fe coffin fittings |
| 6084 | 6085 | 6086 | 6085 | fragmentary | present | - | present | present | x 19 fe coffin fittings |
| | | | 6086 | - | - | - | - | - | x 301 fe coffin fittings |

Appendix 5: Detailed Catalogue of Selected Metalwork and Textile from Graves

by Lorraine Lindsay-Gale and Ceridwen Boston

INTRODUCTION

The material in this catalogue comprises 33 copper alloy objects, and 4 occurrences of textile fragments. Further small fragments of textile were also discovered adhering to many of the shroud pins. The textile fragments are discussed below.

SHROUD PINS

Most of the metal objects ($n=29$; 87.9%) were shroud pins, most of which were very corroded and fragile, and many were broken into pieces. In better preserved examples, it was evident that the pins had round, or ball, heads, which appeared to have been soldered onto the shaft.

OTHER METAL FINDS

Four metal finds other than shroud pins were recovered from graves. A worn copper alloy penny (Cat. No. 12) probably minted in the reign of George II (1727–1760) was recovered from the fill of Grave 3093 and associated with skeleton 3101. Both the King's head and the figure of Britannia were facing left. The worn nature of the coin suggests that it had been in circulation long before it was deposited within the grave, and this would seem to be confirmed by the fact that Grave 3093 is not one of the earlier graves on the site.

A copper alloy cartridge case (Cat.No. 11) came from the fill of grave 3036. Finally two buttons were recovered, one from the cemetery soil (Cat.No. 1), and the other (Cat.No. 8) from the fill of Grave 3028. This dearth of buttons suggests that in general the pensioners were not buried in their clothes. The exceptions may be the male burials 6035 and 6037 (both Grave 6039, Group 6270). In 6035 where the remnants of a leather or textile garment (Cat.No. 24) were recovered from the right side of the torso. The remains (Cat.No. 27) from burial 6037 were beneath and around back and right side of the torso. The latter garment was possibly a waistcoat or stays, but perhaps more likely a truss (See Chapter ?? above).

Three other metal objects recovered during excavation have not been catalogued. These are a possible door catch in copper alloy from context 3081, and two objects of uncertain purpose from context 6065. The latter context was the fill of modern machine cut 6066.

TEXTILE

Fragments of loosely woven textile, almost certainly remnants of shrouds or coffin sheets, were

found adhering to shroud pins. In some instance it was possible to see where pins had penetrated the fabric.

The type of surviving textile was not investigated, but given the social status and date of the burials, these are most likely to have been either wool or cotton. Earlier burials would have been shrouded in the wool, as the Burial in Woollen Acts (1666, 1678 and 1680) required that all individuals were to be shrouded in wool. By law an affidavit had to be sworn before a justice or clergyman within eight days of the funeral, confirming that the shroud of the deceased was woollen (Stock 1998, 134). Failure to do so incurred the heavy penalty of £5 on the estate of the deceased, £2 10s of which was given to the poor and £2 10s to the informer. This law was only repealed in 1814. After this date there was greater diversity in fabric types used to make shrouds, which included calico, alpaca, cashmere, etamine, flannel, hollands, serge, silk linen and poplin, but by far the most common were plain woven wool or cotton (Janaway 1996, 24). Given the low social status of the ratings it is most probable that cheaper fabrics were used.

The practice of covering the naked or clothed corpse in a loose winding sheet tied at the head and feet was going out of vogue in the mid-18th century and by the 1770s had almost completely disappeared (Litten 1991, 79). The shroud now resembled a backless nightdress often decorated with frills down the centre of the chest. The head of both males and females were often covered with a cap. Coffin sheets were tacked to the sides of the coffin interior, and folded over the dressed corpse, usually leaving the face uncovered whilst it lay in state. These coverings were often tacked or pinned in place over the body. The overall effect was that the deceased was asleep in bed (Litten 1991, 79). It is unclear whether the surviving pins and associated textile fragments found in the graves at the Royal Hospital were part of shrouds or of coffin sheets, although the latter seems more probable. A number of pins were recovered near the mandible of the skeletons, suggesting that these pins originally had secured the sheets around the face.

Catalogue

Area 1 soil horizon

- 1 **Button**, flat, burnished but undecorated, with fixing loop on reverse. Copper alloy. Dimensions: D: 17 mm. Th: 1 mm. Context 3005, SF3015.

Grave Group 3050 - Grave 3041, skeleton 3044

- 2 **Shroud pin**, tightly wrapped in shroud fabric found in association with the mandible of inhumation of adult male (skeleton 3044). Pin broken in two, encrusted, with high level of corrosion. Fabric, coarse weave, brown, with green staining. Copper alloy. Dimensions: (1) 35 mm x 20 mm; (2) 12 mm x 10 mm. Context 3044.

Grave Group 3050 - Grave 3041, skeleton 3057

- 3 **Shroud pin**, wrapped in shroud fabric found at the left mandibular ramus of skeleton 3057. Appears nearly complete but badly corroded and encrusted. Fabric is brown with coarse weave. Copper alloy. Dimensions: L: 35 mm; W: 6 mm. Context 3056, SF3001.

Grave Group 3050 - Grave 3041, skeleton 3068

- 4 **Shroud pin**, found at the mandibular ramus right hand side with two fragments of fabric. Encrusted and corroded. Copper alloy. Dimensions: L: 12 mm; W: 1 mm. Context 3075, SF3004.
- 5 **Shroud pin**, found at the medial aspect of the distal left tibia. Badly corroded and wrapped in coarse brown shroud fabric. Copper alloy. Dimensions: L: 12 mm; W: 3 mm. Found with large piece of shroud fabric, brown with green staining c. 400 mm x 20 mm. Context 3075, SF3005.
- 6 **Shroud pin**, found at the mandibular ramus left hand side. Tightly wrapped in coarse shroud brown coloured fabric. Badly corroded and broken. Copper alloy. Dimensions: L: 25 mm; W: 1 mm; Head W: 2 mm. Context 3075, SF3008.
- 7 **Shroud pin**, found at the medial aspect of distal right tibia. Very fragmentary remains. Copper alloy. Context 3075, SF3009.

Grave Group 3240 - fill of Grave 3028

- 8 **Button** with hollow centre, formed from two concave sections. Complete, but encrusted, pitted, cracked and bent. There are two small holes on either side of the loop. Copper alloy. Dimensions: D: 15 mm; Th: 7 mm. Context 3027.
Possibly associated with two most recent burials (skeletons 3029 and 3032) in grave 3028.

Grave Group 3240 - Grave 3028, skeleton 3086

- 9 **Shroud pin** wrapped with fabric found inside mouth of skeleton 3086. Dimensions: Main section overall (1) 25 mm x 10mm including fabric;

(2) 10 mm x 5 mm overall including fabric. Very corroded and encrusted pin broken into three pieces. Dimensions: (1) 30 mm x 4 mm; (2) 10 mm x 3 mm; (3) 10mm x 7 mm. Copper alloy. Context 3077, SF3006.

- 10 **Shroud textile** found next to right clavicle. Possibly with pieces of shroud pin present. One piece of shroud fabric clearly shows where a pin had been. Dimensions: (1) 10 mm x 2 mm; (2) 5 mm x 2 mm. Context 3077, SF3007.

Grave Group 3260 - fill of Grave 3036

- 11 **Cartridge case**. Complete, but encrusted, pitted, bent, and laminated. Copper alloy. Dimensions: L: 23 mm; Base D: 15 mm; top D: 11mm. Context 3034.

Grave Group 3380 - Grave 3093, skeleton 3101

- 12 **Penny**, probably of **George II**, dated 1732. Very worn on both faces with much detail lost, but the king's head facing left can be discerned on the obverse, and the figure of Britannia also facing left can be seen on the reverse. The date of issue is faintly visible beneath the figure of Britannia and appears to be '1732'. Copper alloy. Dimensions: D: 27 mm. Context 3055.
- 13 **Shroud pin**, very fragmentary and incomplete, with shroud fabric. Dimensions: Pin head: 2mm x 1 mm. Copper alloy. Context 3112.

Grave Group 3380 - Grave 3127, skeleton 3212

- 14 **Shroud pin**, complete and well preserved, but bent, with rounded head. Copper alloy. Dimensions: L: 25 mm; stem D: 1 mm; Head D: 2 mm. Context 3212, SF3013.

Grave Group 3380 - Grave 3127, skeleton 3162

- 15 **Shroud pin**, in two pieces. Copper alloy. Dimensions: (1) 15 mm x 2 mm; (2) 6mm x 3mm at head end. Context 3162, SF3011.

Grave Group 3390 - fill of Grave 3239

- 16 **Shroud pin**. Very corroded and encrusted. Copper alloy. Dimensions: 10 mm x 3 mm. Context 3238, SF3016.

Grave Group 3450 - Grave 3074, skeleton 3072

- 17 **Shroud pin** and **textile**. Two very small fragments. Found at the top of the occipital, left side of skeleton 3072. Copper alloy. Dimensions 5 mm x 2 mm. Context 3069, SF3003.

Grave Group 3800 - Grave 3198, skeleton 3253

- 18 **Shroud pin**, tightly wrapped and almost totally obscured by shroud fabric. Pin broken, corroded, and encrusted. Fabric - brown and coarse - found under the skull of 3253. Copper alloy. Dimensions: L: 30 mm; W: 15 mm including fabric. Context 3199, SF3014.

Grave Group 6120 - Grave 6032, skeleton 6094

- 19 **Shroud pin**. Very fragmented, corroded, and encrusted. Copper alloy. Dimensions: largest fragment: 6 mm x 3 mm. Context 6094, SF6008.

Grave Group 6150 - Grave 6028, skeleton 6027

- 20 **Shroud pin**, broken and badly corroded and encrusted. Copper alloy. Dimensions: L: 25 mm; head D: 2 mm. Context 6028, SF6000.

Grave Group 6150 - Grave 6026, skeleton 6056

- 21 **Shroud pin**, found within remains of coffin. Very corroded and encrusted. Two pieces. Fused with fragments of shroud fabric. Copper alloy. Dimensions: 20 mm x 5 mm. Context 6057, SF6003.

Grave Group 6250 - Grave 6025, skeleton 6105

- 22 **Shroud pin**, found on mandible. Very corroded. Small fragments only. Dimensions: Largest fragment 8 mm x 3 mm. Copper alloy. Context 6105, SF6011.

Grave Group 6270 - Grave 6039, skeleton 6035

- 23 **Shroud pin**, found at the left mandibular ramus of skeleton 6035. Very fragmentary, in four pieces each approximately 5 mm x 4 mm. Very pitted and corroded. Copper alloy. Context 6041, SF6001.
- 24 **Leather or textile** found under the scapula, ribs and right side of skeleton 6035. Possible leather jerkin or perhaps remains of coffin lining. Dark brown, fragmentary and very fragile. Context 6055, SF6002.

Grave Group 6270 - Grave 6039, skeleton 6037

- 25 **Leather, or possibly textile**. Remains found at the right femur and on right ribs of skeleton 6037. Possible remnants clothing or coffin lining. Dark brown and fragmentary. Context 6067 & context 6068, SF6005.
- 26 **Possible shroud pin**, fragmentary. Copper alloy. Context 6067, SF6004.

- 27 **Shroud pin**, two pieces, possibly from two separate pins. Dimensions: (1) 5 mm x 3 mm; (2) 4 mm x 1 mm. Copper alloy. Context 6068, SF6006.

Grave Group 6410 - machine scoop 6066

- 28 **Probable Shroud textile**. Two fragments. Within the larger piece there was a fragment of copper alloy pin (L: 5 mm). Both pieces are of coarse weave and brown with green staining. Dimensions: (1) 30 mm x 12 mm; (2) 15 mm x 10 mm. Context 3065.

Grave Group 6420 - Grave 6075, skeleton 6089

- 29 **Shroud pin**, found at right mandibular ramus of skeleton 6089. Pin broken into 5 pieces. Tightly wrapped in shroud material. Badly corroded and encrusted. Copper alloy. Dimensions: 35 mm x 5 mm. Context 6093, SF6007.

Grave Group 6460 - Grave 6084, skeleton 6142

- 30 **Shroud pin** found on mandible. Corroded and encrusted. Broken, but both head and point present. Copper alloy. Dimensions: L: 30 mm; head D; 2 mm. Context 6142, SF6012.

Grave Group 6460 - Grave 6084, skeleton 6146

- 31 **Shroud pin, or pins**, found on right mandible. Four fragments present. Two fragments belong to one pin, the other two fragments to a finer pin. Copper alloy. Dimensions: (1) 10 mm x 3 mm; (2) 5 mm x 3 mm; (3) 5 mm x 1 mm; (4) 3 mm x 1 mm. Context 6146, SF6013.
- 32 **Shroud pin**, found beneath the chin of skeleton 6084. Broken into three pieces. Very corroded and encrusted. Copper alloy. Dimensions: L: 30 mm; max W: 5 mm. Context 6146, SF6014.

Grave Group 6460 - Grave 6084, skeleton 6151

- 33 **Shroud pin**, found on temporal lobe right hand side. Very fragmentary. Copper alloy. Dimensions: Largest fragment: 5 mm x 3 mm. Context 6153, SF6015.
- 34 **Shroud pin wrapped in shroud fabric**, found beneath left temporal bone of skull. Very fragmented and fragile. Copper alloy. Dimensions: 10 mm x 7 mm. Context 6153, SF6016.
- 35 **Shroud pin and fabric** found under skull on the left hand side. Copper alloy. Dimensions: 20 mm x 5 mm. Context 6153, SF6017.

Grave Group 6540 - Grave 6069, skeleton 6098

- 36 **Shroud pin**, with a piece of cord found in a clump of possible human hair to the right of the

mandibular ramus of skeleton 6098. Broken into 2 pieces. Very corroded and encrusted. Tightly wrapped in fabric and hair. Dark brown, twisted cord appears to be tied around the head of the pin. Dimensions: (1) 200 mm x 3 mm; (2) 8 mm x 3 mm. Copper alloy. Context 6102, SF6009.

37 **Shroud pin**, found at left mandibular ramus of same skeleton, wrapped with fabric and possible human hair, one small section of chord may be present. Very fragmented, corroded and encrusted. Three fragments. Copper alloy. Dimensions overall: 25 mm x 5 mm. Context 6102, SF6010.

Appendix 6: Poetry

by Duncan H Brown

INTRODUCTION

An assemblage totalling 240 sherds (3,568 g) was recovered from 46 contexts. The pottery was sorted by context, ware, vessel type, sherd type and decorative technique and motif, and quantified by rim percent, weight in grams, sherd number and maximum vessel count. Glaze colour and position, and rim diameter, were also recorded. A ceramic terminus post quem for each context is given, based on the earliest date of the latest piece present.

STRATIGRAPHIC ANALYSIS

Table 18 shows the quantities of pottery from each feature type. It is clear that over 90% of the assemblage was recovered from grave fills and is therefore likely to be residual. The range of termini post quem suggested by the pottery for the grave fills covers AD 1250, for context 1313, to AD 1750, for context 2009. Since the cemetery was founded in 1742 it is most probable that nearly all the pottery from grave fills was deposited prior to the digging of any graves. Only one sherd, a white refined earthenware handle with sponged blue decoration from context 2008 (a grave), is possibly later than 1750 in date. It is therefore unlikely that any of the pottery relates to the period of grave digging, as consumption of a wide range of ceramic vessels is not a typical cemetery activity.

It is certain that the finds from the modern backfill deposit, 6065, are residual, and this is probably true of the material from all the other features. Overall, the assemblage is very mixed, with medieval, post-medieval and industrial period sherds all present but not in discrete, coherently dateable deposits of any significant size. The charnel pit, 3021, contained Frechen stoneware and post-medieval redwares dateable from c 1550 to 1700 with a single sherd of 13th/14th-century coarseware. Context 1313, the fill of ditch 1312, produced a single sherd of late medieval

Surrey whiteware, which is insufficient to accurately date that feature. Layer 3005 contained 17th- or 18th-century English tin glazed ware and context 1416, the fill of pit 1419 has a similar date range. None of these groups is substantial enough to provide a confident date, nor to give further information on how these deposits were formed.

ASSEMBLAGE COMPOSITION

Table 19 shows the quantities of each ware type present, arranged broadly in chronological order. Post-medieval wares, dating from c 1550 to 1750 are the most common, and a wide range of types is represented. The assemblage is, however, fairly average in character, with no particularly exotic types such as Oriental porcelain. It is perhaps typical of what might be expected from an institution such as the Royal Naval Hospital, from where most of this material presumably derives. There is certainly nothing here that is unusual for London. Post-medieval redware is the most common type, most of which was probably produced locally. Most of the tin glaze wares are plain white or pale blue, although some more elaborate types are also present. The full range of Border wares, including green-glazed, yellow-glazed, brown-glazed and redware are present. There are also London stonewares and Staffordshire earthenwares, while among the Continental products are Frechen and Westerwald stoneware and Werra slipware. There are also medieval imported wares, including Raeren and Siegburg stoneware and a fragment of a North French red-painted whiteware, which is possibly the earliest piece, potentially 12th century, or even pre-Conquest in date.

Table 20 shows the numbers of each particular vessel type that occurs in each ware. The medieval wares take the typical forms of jugs and cooking pots and there is nothing unusual among the range of post-medieval vessel types. Bowls, dishes, jars and jugs

Table 18 Quantities of pottery in each feature type.

| Feature Type | Rim Percent | Weight (g) | Sherd Count | Vessel Count |
|---------------|-------------|-------------|-------------|--------------|
| Backfill | 9 | 102 | 7 | 7 |
| Charnel Pit | 22 | 102 | 5 | 5 |
| Ditch | 0 | 3 | 1 | 1 |
| Grave | 268 | 3087 | 221 | 202 |
| Layer | 0 | 12 | 2 | 2 |
| Pit | 12 | 242 | 3 | 3 |
| Unknown | 0 | 20 | 1 | 1 |
| Totals | 311 | 3568 | 240 | 221 |

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Table 19 Quantities of ware types present.

| Ware type | Rim Percent | Weight (g) | Sherd Count | Vessel Count |
|------------------------------------|-------------|-------------|-------------|--------------|
| North French red-painted whiteware | 0 | 5 | 1 | 1 |
| London ware | 0 | 68 | 6 | 6 |
| Medieval coarseware | 9 | 47 | 4 | 4 |
| Medieval sandy ware | 0 | 25 | 4 | 4 |
| Surrey whiteware | 0 | 10 | 2 | 2 |
| Late medieval sandy ware | 23 | 344 | 13 | 12 |
| Siegburg stoneware | 0 | 17 | 2 | 2 |
| Raeren stoneware | 0 | 11 | 1 | 1 |
| Early post-medieval redware | 0 | 20 | 1 | 1 |
| Post-medieval earthenware | 0 | 162 | 6 | 6 |
| Post-medieval redware | 123 | 1329 | 70 | 64 |
| Midland purple | 12 | 99 | 2 | 2 |
| Post-medieval black-glazed | 0 | 60 | 3 | 2 |
| Border wares | 31 | 381 | 18 | 17 |
| Frechen stoneware | 0 | 165 | 9 | 8 |
| Post-medieval slipware | 0 | 19 | 2 | 2 |
| Staffordshire slipware | 0 | 22 | 5 | 4 |
| Werra slipware | 10 | 13 | 2 | 2 |
| Tin glazed ware | 77 | 440 | 67 | 60 |
| Westerwald stoneware | 0 | 28 | 4 | 4 |
| English stoneware | 15 | 163 | 6 | 6 |
| English white stoneware | 7 | 26 | 5 | 5 |
| English dipped stoneware | 0 | 30 | 1 | 1 |
| Flower pot | 0 | 44 | 1 | 1 |
| Refined earthenware | 0 | 27 | 4 | 3 |
| Burnt pottery | 4 | 13 | 1 | 1 |
| Totals | 311 | 3568 | 240 | 221 |

Table 20 Maximum vessel count by ware type and vessel.

| Ware type | Bowl | Colander | Cooking pot | Dish | Flower pot | Jar | Jug | Mug | Pipkin | Misc | Unidentified | Total |
|------------------------------------|-----------|----------|-------------|-----------|------------|-----------|-----------|----------|----------|-----------|--------------|------------|
| North French red-painted whiteware | | | | | | | | | | | 1 | 1 |
| London ware | | | | | | | 4 | 1 | | | 1 | 6 |
| Medieval coarseware | | | 2 | | | 2 | | | | | | 4 |
| Medieval sandy ware | | | | | | | 4 | | | | | 4 |
| Surrey whiteware | | | | | | | | | | | 2 | 2 |
| Late medieval sandy ware | 6 | | | | | 1 | | | | 3 | 2 | 12 |
| Siegburg stoneware | | | | | | | | 1 | | | 1 | 2 |
| Raeren stoneware | | | | | | | | 1 | | | | 1 |
| Early post-medieval redware | | | 1 | | | | | | | | | 1 |
| Post-medieval earthenware | | | | | | 2 | | | | 1 | 3 | 6 |
| Post-medieval redware | 10 | | 3 | 1 | | 5 | 1 | | | 31 | 13 | 64 |
| Midland purple | | | | | | 2 | | | | | | 2 |
| Post-medieval black-glazed | | | | | | 1 | | | | | 1 | 2 |
| Border wares | 1 | 3 | 3 | 2 | | 1 | | | 1 | 1 | 5 | 17 |
| Frechen stoneware | | | | | | | 8 | | | | | 8 |
| Post-medieval slipware | | | | | | | | | | | 2 | 2 |
| Staffordshire slipware | | | | 1 | | | | | | | 3 | 4 |
| Werra slipware | | | | 2 | | | | | | | | 2 |
| Tin glazed ware | 3 | | | 10 | | 3 | | | | 25 | 19 | 60 |
| Westerwald stoneware | | | | | | | | | | 2 | 2 | 4 |
| English stoneware | | | | | | 1 | 1 | | | | 4 | 6 |
| English white stoneware | 2 | | | | | | | | | 2 | 1 | 5 |
| English dipped stoneware | | | | | | | | 1 | | | | 1 |
| Flower pot | | | | | 1 | | | | | | | 1 |
| Refined earthenware | | | | | | | 1 | | | | 2 | 3 |
| Burnt pottery | 1 | | | | | | | | | | | 1 |
| Total | 23 | 3 | 9 | 16 | 1 | 18 | 19 | 4 | 1 | 65 | 62 | 221 |

Appendix Six

are the most common identifiable forms. Among the most common ware types, post-medieval redware, tin glazed ware and Border ware, different vessel preferences may be seen. Bowls are the most common form in post-medieval redware and dishes are the most common tin glazed vessel. A wide range of Border ware vessels are represented. The three col-

anders shown are actually likely to be three sherds from the same vessel, but no definite fit could be established.

This assemblage is modest in size and in the range of types present, as might befit a military institution. All of the material predates the period of use of the cemetery and presumably relates to the hospital.

Appendix 7: Clay Pipes

by Angela Boyle

INTRODUCTION

A small assemblage of clay pipes was recovered, largely from grave fills. The material is summarised in Table 21.

DISCUSSION

The pipe from context 6001, paralleled at Nonsuch, is likely to be redeposited in a later grave fill, since the

pipes from Nonsuch are mostly early in date (Davey 1981, 215). The identifiable maker's mark 'IB' is not very helpful: as Oswald lists no less than 54 entries for London ranging in date from the first quarter of the 17th century through to the end of the 19th (Oswald 1975, 131).

Table 21 Summary of clay pipe fragments.

| Context no. | Context type | Quantification | Comments |
|-------------|--------------------------------|---------------------------|--|
| 1110 | grave fill | 11 stems | |
| 2001 | post-cemetery demolition layer | part bowl and stem | |
| 2009 | grave fill | 1 stem | |
| 2030 | grave fill | part bowl and stem | |
| 3005 | cemetery soil | 1 decorated bowl | incised decoration encircles end of bowl |
| | | stems | |
| | | 1 bowl and part stem | |
| 3009 | construction cut fill | 1 bowl and partial stem | part of maker's mark 'B' |
| 3018 | grave fill | 8 stems | |
| 3021 | charnel pit fill | 1 bowl and partial stem | maker's mark 'IB' |
| | | 5 stems | |
| 3027 | grave fill | 2 partial bowls | |
| | | 1 bowl with unclear mark | |
| | | 12 stems | |
| 3034 | grave fill | 1 stem | |
| 3042 | grave fill | 1 bowl | possible 'I' or 'E' visible |
| | | 2 stems | |
| 3046 | grave fill | 3 stems | |
| 3073 | grave fill | 1 bowl fragment | |
| | | 9 stems | |
| 3079 | grave fill | 1 bowl | |
| | | 1 stem | |
| 3094 | void | 1 bowl and part stem | |
| 3096 | grave fill | 3 bowls | |
| | | 2 stems | |
| 3112 | grave fill | 2 stems | |
| 3113 | grave fill | 1 stem | |
| 3114 | grave fill | 1 stem | |
| 3128 | grave fill | 1 decorated bowl | incised decoration encircles end of bowl |
| | | 3 plain bowls | |
| | | 7 stems | |
| 3129 | grave fill | 1 decorated bowl fragment | incised decoration encircles end of bowl |
| | | 5 stems | |
| 3141 | grave fill | 10 stems | |
| 3157 | grave fill | 1 stem | |
| 3166 | grave fill | 5 stems | |
| 3192 | grave fill | 1 bowl | |
| | | 1 partial bowl and stem | maker's mark 'IB' |
| | | 2 stems | |
| 3199 | grave fill | 1 decorated bowl | incised decoration encircles end of bowl |
| | | 2 stems | |
| 3206 | grave fill | 2 bowls | |
| | | 16 stems | |

(continued on next page)

Appendix Seven

Table 21 (continued)

| Context no. | Context type | Quantification | Comments |
|--------------|-----------------------|---------------------------------|--|
| 3216 | grave fill | 2 stems | |
| 3221 | grave fill | 1 stem | |
| 3237 | grave fill | 1 bowl | |
| | | 6 stems | |
| 3238 | grave fill | 5 stems | |
| 3256 | grave fill | 1 stem | |
| 3264 | grave fill | 1 decorated bowl | incised decoration encircles end of bowl |
| | | 1 plain bowl | |
| | | 6 stems | |
| 6001 | grave fill | 1 bowl with leaf decoration | same as Nonsuch No. 20 (Davey 1981, 279) |
| | | 1 virtually complete plain pipe | |
| 6011 | grave fill | 1 bowl | maker's mark obscured |
| | | 11 stems | |
| 6029 | grave fill | 4 stems | |
| 6033 | grave fill | 1 stem and part bowl | maker's mark ? 'P' |
| | | 6 stems | |
| 6034 | grave fill | 3 stems | |
| 6061 | grave fill | 3 stems | |
| 6065 | modern fill | 2 stems | |
| 6076 | grave fill | 1 part bowl and stem | |
| | | 7 stems | |
| 6112 | construction cut fill | 1 bowl | |
| | | 4 stems | |
| 6134 | grave fill | 1 stem | |
| unstratified | | 1 bowl | |

Appendix 8: Glass

by Leigh Allen

A total of eight fragments of glass from four contexts were recovered. The fragments are all post-medieval in date. A thick fragment from context 2006 is from the base of a wine bottle with a shallow kick-up. A complete string-rim (and part of the neck) recovered

from context 1110 is probably early 18th-century in date. The remaining fragments from contexts 2009 and 2023 are thin green body sherds from a straight-sided wine bottle.

Appendix 9: Ceramic Building Material

by Leigh Allen

A total of 329 fragments of ceramic building material weighing 48,067 g was recovered from the three phases of archaeological investigations. The assemblage was made up almost exclusively of fragments of brick (36,883 g) and roof tile (7,308 g) of late medieval/post-medieval date. Most ceramic building tile appeared residual, originating from building debris of earlier developments. A sample was analysed.

There are no complete examples of roof tiles but there are two examples with an intact width; a fragment from context 1110 had a measurable width of 145 mm and a second example from context 3042 measured 155 mm across. The thickness of the roof tiles was variable across each individual tile but in general it fell within the range 11–13 mm. There are a number of fragments that have traces of peg holes through them but it was not possible to ascertain whether each tile would have had one or two holes. There are 6 fragments of ridge tile with measuring

14–15 mm in thickness but they are very small and abraded. Ditch 6008, which predated the burials, contained one fragment of roof tile. Although it was impossible to date it more precisely, the fabric suggested a later post-medieval date. There were two fragments of possible floor tile measuring 30 and 36 mm in thickness.

There are 17 bricks with measurable dimensions these measurements fell within the range of 60–65 mm (thickness) x 95–105 mm (width) x 200–225 mm (length). The smaller bricks may date to the late medieval period but it is more likely that they are post-medieval in date. Two bricks from context 6065 are frogged, the frogs are rectangular and these bricks are not likely to date before the 19th century. One example has an incomplete stamp impressed in the frog '...BC.....OPRES.....4...' This was probably the identification used at the yard and probably dates to the 19th or 20th century.

Appendix 10: Animal Bone

by Bethan Charles

INTRODUCTION

A total of 330 fragments (4583 g) of animal bone were recovered by hand during the excavation. The majority of the bone was in good condition and evidence of butchery, gnaw damage and pathological changes were observed on the bones. All of the material was found within post-medieval and modern features, although it was almost certainly redeposited and probably predates the period of use of the cemetery.

METHODOLOGY

The calculation of the numbers of species recovered was carried out by using the total fragment method. All fragments of bone were counted including elements from the vertebral centrum, ribs and long bone shafts.

The separation of sheep and goat bone was undertaken employing the criteria of Boessneck (1969) and Prummel and Frisch (1986) in addition to using the reference material housed at OA. However, since no positive identification of goat was made all caprine bones are listed as sheep.

The ageing of the animals was based on tooth eruption and epiphyseal fusion. Silver's tables alone were used to give the timing of epiphyseal closure for cattle, sheep, pigs and horses (Silver 1969). Sheep tooth eruption and wear was measured using a combination of Payne (1973) and the tables of Grant (1982). Cattle tooth eruption and wear was measured using Halstead (1985) and the tables of Grant (1982). Pig tooth eruption and wear was measured using Higham (1967), Bull and Payne (1982) and Grant (1982), defined by Hambleton (1999).

It was not possible to sex any of the animals because of a lack of indicative fragments of bone. The measurements taken were those defined by von den Driesch (1976) and can be found with the primary recording data in the archive.

RESULTS

It can be seen from Table 22 that the majority of the material came from the grave fills at the site. Cattle were the most numerous elements identified from the assemblage followed by sheep and pig. The fallow deer bone identified is likely to have been a rare addition to the menu and implies that there was some variety in the diet of the inhabitants.

It was not possible to age many of the bones. However, two cattle mandibles from grave fill and the charnel pit belonged to young adults and a pig

mandible, also from a grave fill was aged to between 21 and 27 months. The epiphyseal fusion rate of the bones cattle and sheep indicate that almost all of the animals were over 3 years of age at death. The pig bones were mostly from young adults and juveniles. It is unlikely that pigs would have been kept beyond 2 years of age since they provided little in the way of secondary products.

The lack of immature and juvenile cattle and sheep identified from the remains may indicate that animals were not bred in the area and that meat was brought in from elsewhere to supply the hospital. There is no clear evidence of the animal husbandry practised during this period, though the ages of both the cattle and sheep indicates that they were probably not bred just for their meat and are likely to have been kept as working animals as well as for dairy products, for dung and for wool.

Only one fragment of sheep bone was identified with evidence of gnaw marks which indicates that the deposition of bone has not been greatly affected by scavengers.

Butchery marks were present on 12% of the assemblage and consisted mostly of chop marks on the long bones of cattle, sheep, pig and deer bones as well as some knife marks typical of de-fleshing and dismembering the animal carcasses as well as breaking up the bones for the marrow. None of the bones from the site had been burnt.

Many of the bones from the main domestic species were large and typical of improved breeds of the late medieval and post-medieval period (all measurements can be found in the archive).

One loose horse tooth was recovered from context 3023.

Both dog and cat bones were present in the assemblage. It is unlikely that they were included in the diet of the inhabitants and as none of the elements had evidence of butchery marks it is assumed that they were natural fatalities.

Two bird bones were identified from within the grave fills; one was a fragment of a long bone shaft and the other part of a beak. The bones were not identified to species.

CONCLUSION

The small number of elements identified to species from the site does not provide detailed information regarding the animal husbandry practices in the area and the diet of the inhabitants during this period. It is clear that the three main domestic species provided the majority of meat and the site was of mid to low status.

Appendix Ten

Table 22 Number of bones according to feature type and species.

| Feature Types | Horse | Cattle | Sheep | Pig | Fallow deer | Dog | Cat | Bird | Unid | Total |
|-----------------|----------|-----------|-----------|-----------|-------------|----------|----------|----------|------------|------------|
| Grave Fill | 2 | 48 | 35 | 16 | 1 | 1 | 3 | 2 | 156 | 264 |
| Charnel Pit | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 10 | 26 |
| Cemetery Soil | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 13 | 18 |
| Modern Backfill | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 7 | 12 |
| Unstratified | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 4 | 10 |
| Total | 2 | 64 | 47 | 19 | 2 | 1 | 3 | 2 | 190 | 330 |

It is probable that the material recovered from the site was not intentionally deposited in the graves and is likely to represent a certain amount of redeposited material that found its way into the features as a result of the site being continually dug for the burial of inhumations. This may have distorted the results due to the fact that the deposits within the feature

are unlikely to be securely dated and may contain animal bone from earlier periods of occupation.

However, as much of the material was large and indicative of improved domestic species unlikely to have been found in periods before the mid to late medieval period it is probable that the majority of the material can be assigned to this period of occupation.

Appendix 11: Research Projects undertaken on the assemblage

RESEARCH PROJECTS COMPLETED

Andrews, M 2002 *An investigation of the pathological changes in some of the skeletons excavated from the burial ground of the Royal Naval Hospital, Greenwich*, unpublished report for the Postgraduate Diploma in Professional Archaeology, O.U.D.C.E., Oxford University

Margaret Andrew's report was shortlisted for the Current Archaeology/ RAI Dissertation Award 2004.

Galer, D A 2002 *A biocultural and comparative analysis of fracture trauma at Greenwich Naval Hospital 1749-1857*, unpublished MSc. dissertation, University of Bradford

Gibson, M 2002 *Extramasticatory wear on Royal Navy personnel from Greenwich Naval Infirmary; a com-*

parative study, unpublished MSc dissertation, University of Sheffield

Lindsay-Gale, L 2002 *Post-excavation report on the burial ground at the Royal Hospital, Greenwich*, Placement 1 Oxford Archaeology report for the Postgraduate Diploma in Professional Archaeology, O.U.D.C.E., Oxford University

Turnbull, A K 2004 *Assessment, analysis and comparison of cranial trauma found at the Greenwich Naval Hospital*; unpublished MSc. dissertation; University of Bradford

RESEARCH PROJECTS IN PROGRESS

Cashmore, L *Hand morphology, hand preference and laterality*, PhD dissertation being undertaken at Southampton University