

PAGES 1-42: text
PAGES 43-55: Plates

Catalogue of burials

Notes: all measurements are in millemetres unless stated
except for statures which are centimetres.

Cn, Tn, Ln & Sn refer to nth cervical, thoracic, lumbar
or sacral vertebrae.

Area left blank or - denotes missing data.

CONTEXT: 0459

PRESERVATION: Good, skeleton >80% complete

SEX: Male

AGE: About 20

STATURE: 169

DENTAL FORMULA:

E	C											C	E		
.	
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
.	.	.	.	.	.	.	.	X	X	.	.	.	.	.	.
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: Gr I

DENTAL ENAMEL HYPOPLASIA: Linear pitting. 6mm from CEJ on mandibular canines

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/7	T 0/12	L 0/5
	OSTEOPHYTOSIS:	C 0/6	T 0/12	L 0/5

OTHER JOINTS:

CRANIAL MEASUREMENTS: Mastoid height L=30.0 R=28.7

POST CRANIAL MEASUREMENTS: Femoral head diameter L=45.0
 R=44.6 Femoral bicondylar width R=86.9 Meric index L=75.0
 R=75.9 Cnemic index L=62.2 R= 63.9 TibL1 L=362 R=354 HuL1
 L=309

REMARKS: Maxillary M3s erupting at 60 degree angle towards cheeks.

The twelfth thoracic vertebra has a large lytic defect on the R side of the inferior surface of its centrum, destroying about 2/3 of the height of the vertebral body. The trabeculae at the borders of the lytic area are irregular and sclerotic; bone regeneration is negligible. The neural arch and facet joints are normal and the transverse processes are missing post-mortem.

There is a circular erosion, about 7mm diameter and 3mm deep, on the L superior facet joint of the axis vertebra. A similar, smaller (2mm diameter) erosion perforates the R superior facet joint.

The remainder of the (complete) vertebral column is normal, although most of the thoracic and lumbar vertebrae show varying degrees of porosity.

The trochlear surface of the left talus is bumpy and irregular, with pits and clefts in its anterior part. Similar, though less pronounced, changes are present in the distal joint surface of the left tibia. There is a slight indentation on the posterior calcaneal facet of the left talus and a cleft in a corresponding position on the posterior talus facet of the left calcaneus. The R talus is missing and the R calcaneus is normal.

A radiographic study of the skeleton failed to reveal further pathology. No Harris lines were visible.

The above lesions probably represent tuberculosis.

CONTEXT: 0496

PRESERVATION: Good, skeleton >80% complete

SEX: Male

AGE: 40-60

STATURE: 179

DENTAL FORMULA:

-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	-
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
*	*	*	*	.	.	X	X	X	X	-	*	*	*	*	*
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 0/5 T 0/10 L 0/3

OSTEOPHYTOSIS: C 1/4 GrI T 1/12 GrIII L 1/4 GrII
3/12 GrI

OTHER JOINTS: Osteophytosis: GrI on S1. Osteoarthritis: GrII:
i R rib GrI: L & R proximal femora, Distal R thumb phalanx,
distal R ulna, R patella, 4L & 1R ribs.

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=50.8 R=51.3
Meric index L=83.4 R=76.2 Cnemic index L=70.1 R=60.5 FeL1
L=489 TiL1 L=403 R=404 FiL1 R=394 RaL1 R=266 UlL1 R=281

REMARKS: Small Schmorl's node on L1

CONTEXT: 0933

PRESERVATION: Good, skeleton 60-80% complete

SEX: Male

AGE: 45-60

STATURE: 186

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
*	.	*	.	.	X	X	X	X	X	.	X	X	*	.	.
										C					
LEFT									RIGHT						

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHROSIS:	C 0/5	T 0/6	L 1/5GrI
	OSTEOPHYTOSIS:	C 0/4	T 5/6GrI	L 5/5GrI

OTHER JOINTS: GrI: both acetabula, 2L, 3R ribs.

CRANIAL MEASUREMENTS: Lambda-opisthion chord=108.5
 Mastoid height R=30.6

POST CRANIAL MEASUREMENTS: Femoral head diameter L=50.0 R=48.2
 Femoral bicondylar width L=82.0 R=82.0 Meric index L=75.4
 R=78.0 Cnemic index L=71.6 R=73.1 FeL1 L=518 R=521 TiL1
 L=422 R=412 (R shows healed fracture)

REMARKS: Healed fractures: R tibia - 1/3 of way from distal end

R fibula - 1/5 of way from proximal end L clavical - midshaft. The state of healing of these fractures suggests that they all occurred within a short space of time of one another, probably in a single incident - this is almost certainly the case for the lower leg fractures.

Two thoracic vertebrae bear Schmorl's nodes.

CONTEXT: 0937

PRESERVATION: Moderate, skeleton 60-80% complete

SEX: Female

AGE: About 21

STATURE: 154

DENTAL FORMULA:

.
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
.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/2	T 0/3	L 0/5
	OSTEOPHYTOSIS:	C 0/1	T 0/2	L 0/5

OTHER JOINTS:

CRANIAL MEASUREMENTS: Glabello-occipital length=175, Cranial
breadth=143.5, Cranial index=82, Basion-nasion length=126.7,
Bimaxillary breadth=90.8, Bifrontal breadth=94.9, Bregma-
lambda chord=106.6, Lambda-opisthion chord=92.8, Nasion
bregma chord=104.0

POST CRANIAL MEASUREMENTS: Femoral head diameter L=37.1
Femoral bicondylar width L=69.7, R=66.9 Meric index L=65.2
R=64.1 Cnemic index L=66.3 R=70.1 FeL1 L=313 TiL1 L=327
R=329 HuL1 R=289 RaL1 R=215 ULL1 R=235

REMARKS: Pit about 3mm diameter and 5mm deep in the distal joint surface of the L tibia, near the base of the medial malleolus. Probably osteochondritis dissecans. Two very small pits in the distal joint surface of the right tibia, towards lateral side. Unknown cause.

There are erosions at the anterior margins of the following vertebral bodies L5, L3 & L2 (superior surfaces), and L4 (both superior and inferior surfaces). The eroded areas on L2 & 3 are smaller than those on the lower two lumbar vertebrae. There is marked sclerosis at the eroded areas. The other vertebrae present (L1, 3 thoracic and three cervical) are normal. These lesions are probably a result of Scheuermann's disease, an aseptic necrosis of the vertebral epiphyses (Jacobs 1976).

There are small exostoses on the posterior parts of the medial condyles of both humeri.

The left maxillary canine has bifid roots.

CONTEXT: 0941

PRESERVATION: Moderate, 60-80% complete

SEX: Male

AGE: About 50-60

STATURE: 172

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
.	.	.	.	X	-	-	-	-	-	-	-	-	-	-	-

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: GrII

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 0/2 T 0/12 L 0/4

OSTEOPHYTOSIS: C 1/1GrI T 1/11 GrII L 2/4GrII
4/11GrI 2/4GrI

OTHER JOINTS: GrII: L acetabulum, L femoral head. GrI: 4L
carpals, both calcaneal facets of L talus, 2L, 2R ribs, distal
R femur, proximal L ulna.

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter R=48.0
Femoral bicondylar width L=81.0 R=80.3. Meric index L=75.9
R=77.7. Cnemic index L=75.6 R=68.5 FeL1 R=450 TiL1 L=379
R=374 FiL1 L=365 HuL1 L=318 UlL1 L=271

REMARKS:

CONTEXT: 0942

PRESERVATION: Poor, skeleton 20-40% complete

SEX: Male

AGE: About 50-60

STATURE: -

DENTAL FORMULA:

					A												
X	.	*	.	.	X	X	X	X	.	X	-	-	-	-	-		
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		
.	X	.	.	.	.	.	X	X	.	X	X	-	-	-	-		

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: Cribriotic type

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRTIS:	C -	T 1/8GrIII	L3/3GrI
			1/8GrII	
	OSTEOPHYTOSIS:	C -	T -	L -

OTHER JOINTS: GrIII: 1 R rib, GrII: 1 R rib, GrI: 3 R ribs, L
& R acetabula

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 0965

PRESERVATION: Good, skeleton 40-60% complete

SEX: -

AGE: 8

STATURE: -

DENTAL FORMULA:

	U		d	U	U	d				U	U	d		U		
-	.	.	.	.	.	.	.	.	X	.	.	.	.	.	-
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	
-	-	.	.	.	.	.	.	.	.	X	.	.	.	.	-
			d	U	U						U	d				
			LEFT									RIGHT				

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: Cribratic type

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 1037

PRESERVATION: Moderate, skeleton 20-40% complete

SEX: Female

AGE: Adult

STATURE: 160

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS: GrI: R distal femur, R patella

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Meric index R=88.6, Cnemic
index R=79.9 TiL1 R=340

REMARKS: Small exostosis on medial condyle of right
femur; possibly not pathological.

CONTEXT: 1040

PRESERVATION: Poor, skeleton <20% complete

SEX: Male

AGE: Adult

STATURE: 174

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Cnemic index L=64.0 TiL1 L=380

REMARKS: Leg and foot bones only present, bones very robust.

CONTEXT: 1057

PRESERVATION: Moderate, skeleton 20-40% complete

SEX: Male

AGE: 21-26

STATURE:

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 0/4	L 0/3
	OSTEOPHYTOSIS:	C -	T 0/6	L 0/4

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=48.1 R=47.8

REMARKS:

CONTEXT: 1073

PRESERVATION: Good, >80% complete

SEX: Male

AGE: About 25-40

STATURE: 163

DENTAL FORMULA:

													A			
	A		C	C					C	C	C		C			
0	*	*	.	.	.	.	.	X	.	.	.	.	*	.	0
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	
0	.	.	*	.	.	.	.	*	.	.	X	.	*	.	0
		C	A				A	A	C			C				
	A															
		LEFT							RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: 2 lines on maxillary L lateral
 incisor, 4 & 2.5mm from CEJ. only one line visible on most of
 anterior dentition.

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/7	T 2/12GrI	L 0/5
	OSTEOPHYTOSIS:	C 0/6	T 4/12GrI	L 0/5
			(see path)	

OTHER JOINTS:

CRANIAL MEASUREMENTS: Mastoid height L=32.0 R=33.0

POST CRANIAL MEASUREMENTS: Femoral head diameter L=48.2
 Femoral bicondylar width L=79.9 R=78.0 Meric index L=83.8
 R=82.5 Cnemic index L=78.0 R= 83.9 FeL1 L=415 TiL1 L=347
 R=350 HuL1 L=301 R=306 RaL1 L=235

REMARKS: Osteitis of the buccal surface of a fragment of the left maxilla (there is much post-mortem damage to the facial bones). Possibly associated with abscess at socket of second molar.

Left maxillary lateral incisor rotated about 70 degrees so that the lingual surface faces medially.

Healed fractures of 10th and 11th left ribs, 6-7mm & 5mm from their respective heads.

The bodies and facet joints of the 10th and 11th thoracic vertebrae are ankylosed. There is anterior wedging: the combined height of the bodies of T10 & T11 is 27mm at the anterior margin, 42mm at the posterior margin. There is GrI osteophytosis of these vertebrae and T9 & 12. There is callus formation at the point of fusion of the vertebral bodies and a slight deposition of subperiosteal new bone on their anterior surfaces. X-ray reveals that the anterior wedging is principally due to reduction in the height of the body of T10. These lesions represent a compression fracture of the body of T10, probably occurring in the same incident which fractured the ribs. Of the complete vertebral column only the fractured vertebra and its immediate neighbours showed osteophytosis; this suggests that it was initiated by the traumatic incident which resulted in the fractured vertebra.

CONTEXT: 1074

PRESERVATION: Moderate, skeleton 20-40% complete

SEX: Male

AGE: Adult

STATURE: 174

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 1/11GrIII	L 1/1GrI
			9/11GrII	
			1/11GrI	
	OSTEOPHYTOSIS:	C -	T 3/3GrI	L -

OTHER JOINTS: GrII: 1 L rib, GrI: 5 L ribs, L proximal
ulna, medial and lateral L clavical

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: HuL1 L=337 U1L1 L=264

REMARKS:

CONTEXT: 1076 (Male)

PRESERVATION: Moderate, skeleton <20% complete

SEX: Male

AGE: 40-60

STATURE: 170

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS: GrI: both femoral heads

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Meric index L=83.6 R=82.8
Cnemic index L=54.6 HuL1 L=320 U1L1 L=260

REMARKS: The left radius shows irregular swelling of its distal half; this swollen area has a pitted surface. X-ray revealed patchy areas of radiodensity in the affected area. There is no evidence of fracture or of sinus formation. Probably osteomyelitis.

The right tibia shows a smooth, raised area on its anterior border, 14-15cm from the proximal end. The medial surface of the tibia in the region of this lesion is pitted and striated. A radiograph shows that the raised area is a layer of new bone deposited upon the external surface of the cortex. The presence of the nodular focus on the subcutaneous edge of the tibia suggests local trauma as the cause of the lesion.

Neither the radius, nor the tibia show evidence for Harris lines.

CONTEXT: 1076 (Unsexable adult)

PRESERVATION: Moderate, skeleton <20% complete

SEX: Unsexable

AGE: Adult

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Cnemic index R=73.2

REMARKS: A few leg bones only.

CONTEXT: 1078 (adult)

PRESERVATION: Poor, skeleton <20% complete

SEX: Unsexable

AGE: About 25

STATURE: -

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
0	.	.	X	.	.	.	X	X	.	.	.	X	.	.	0

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C		T		L
	OSTEOPHYTOSIS:	C		T		L

OTHER JOINTS: GrIII: Distal joint surface of R 1st metacarpal

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Meric index R=70.9 Cnemic index R=85.8

REMARKS: Slight periosteal reaction on lateral/anterior surface of R tibia mainly confined to junction between middle and proximal thirds.

Slight alveolar resorbtion and porosity of interdental septa:Periodontal disease.

CONTEXT: 1078 (child)

PRESERVATION: Poor, skeleton <20% complete

SEX: -

AGE: 7-8

STATURE:

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
-	-	-	.	.	X	X	-	-	-	-	-	-	-	-	-
			d	d											
			LEFT								RIGHT				

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 1089

PRESERVATION: Moderate, skeleton <20% complete

SEX: Unsexable

AGE: Adult

STATURE:

DENTAL FORMULA:

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 1/2GrI	T 2/8GrI	L -
	OSTEOPHYTOSIS:	C 1/2GrI	T 8/8GrI	L -
		1/2GrII		

OTHER JOINTS: GrII: 1 R rib GrI: 2 R ribs

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS: Two thoracic vertebrae show Schmorl's nodes.
Ossified soft tissue fragment.

CONTEXT: 1094

PRESERVATION: Poor, skeleton <20% complete

SEX: Unsexable

AGE: Adult

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C - T 0/3 L -

OSTEOPHYTOSIS: C - T - L -

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 1095

PRESERVATION: Poor, skeleton <20% complete

SEX: Unsexable

AGE: ADULT

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 1098

PRESERVATION: Poor, skeleton <20% complete

SEX: Unsexable adult

AGE: 18-25

STATURE: -

DENTAL FORMULA:

-	T	-	T	-	T	T	T	-	-	-	-	-	-	-	-
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
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X
C															
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 0/1	L -
	OSTEOPHYTOSIS:	C -	T 0/1	L -

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 1139

PRESERVATION: Good, skeleton >80% complete

SEX: Female

AGE: 40-60

STATURE: 158

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8	T
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8	
T	*	*	.	X	X	X	.	.	X	.	X	.	*	*	*	

Also 1 very worn maxillary canine.

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 0/7 T 0/12 L 0/5

OSTEOPHYTOSIS: C 0/6 T 0/12 L 2/3 GrI

OTHER JOINTS:

CRANIAL MEASUREMENTS: Bregma-lambda chord=110.6 Mastoid
heightL=22.4 R=22.5

POST CRANIAL MEASUREMENTS: Femoral head diameter L=42.2 R=43.1
Femoral bicondylar width L=74.4 R=74.9 Meric index L=80.5
R=86.6 Cnemic index L=72.5 FeL1 L=414 R=410 TiL1 L=342
R=345 FiL1 L=328 R=334 HuL1 L=295 R=302 RaL1 L=215 ULL1
L=237

REMARKS: Sternal foramen present.

A right intermediate hand phalanx shows destruction of its distal end; only a tiny, eburnated portion of the distal joint surface remains. The distal end of the bone is rough and irregular and the exposed trabeculae are somewhat sclerotic. There is slight periostitis of the shaft of the phalanx. A further 10R and 11L phalanges are present and normal. Probably localised infection of the phalanx.

The second lumbar vertebra bears a small, smooth osteophyte on the right, inferior margin of its body. L5 has a similar osteophyte on the left, superior margin of its body. All other vertebrae in the (complete) spinal column are normal.

CONTEXT: 1149

PRESERVATION: Moderate, skeleton 20-40% complete

SEX: Male

AGE: 21-26

STATURE: 174

DENTAL FORMULA: No jaws or teeth.

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 0/1	L 0/5
--------	-----------------	-----	-------	-------

	OSTEOPHYTOSIS:	C -	T 0/4	L 0/5
--	----------------	-----	-------	-------

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=45.3
Meric index L=70.9 U1L1 L=261

REMARKS: Pitting of proximal articular surface of left
hallucial proximal phalanx.

CONTEXT: 1166

PRESERVATION: Good, skeleton 60-80% complete

SEX: Female

AGE: Adult

STATURE: 149

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 0/6 T 1/11GrI L 0/3

OSTEOPHYTOSIS: C 0/5 T 4/12GrI L 1/4GrI

OTHER JOINTS: GrI: 3L & 4R ribs

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=38.6 R=39.5
Meric index L=72.2 R=76.0 Cnemic index L=78.9 R=77.3 FeL1
L=387 R=377 TiL1 L=306 R=304 HuL1 R=284 RaL1 L=209 ULL1
L=228

REMARKS: Proximal joint surface of L hallucial proximal
phalanx has 2 small (1mm diameter) pits and one irregular
cleft (5mm long) with sclerotic trabuculae at the bottom.
Osteochondritis dissecans.

L femur is 10mm longer than the right.

A fragment of a right illium of an adult, found as a stray
bone in this context shows a periosteal reaction on its
lateral surface.

CONTEXT: 1180

PRESERVATION: Moderate, skeleton 40-60% complete

SEX: Unknown, possibly male

AGE: 11

STATURE: -

DENTAL FORMULA:

	U														U		
-	
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	.	
-	.	.	.	.	.	.	T	T	T	-	-	T	T	T	U	.
			E									C			T	.	
			d													.	
			LEFT							RIGHT							.

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: GrI

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C		T		L
	OSTEOPHYTOSIS:	C		T		L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS: Skeleton very fragmentary

CONTEXT: 1191

PRESERVATION: Good, skeleton >80% complete

SEX: Male

AGE: 25-40

STATURE: 166

DENTAL FORMULA:

				A											
	C			C							C	C			
T	-	-	.	.	.	-	-	-	.	.	.	.	-	-	-
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
*	.	.	.	X	.	.	X	X	X	.	.	.	.	*	X
	C	C											C		

LEFT

RIGHT

Also 2 very worn, unidentifiable maxillary anterior teeth, one of which has suffered destruction of its crown through caries.

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket missing or damaged but loose tooth present 0=congenital absence of tooth U=unerupted E=erupting C=caries cavity A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: GrI

DENTAL ENAMEL HYPOPLASIA: 3 lines on most anterior teeth. 4-1.5mm from CEJ of mandibular canine.

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 0/6 T 0/12 L 0/5

OSTEOPHYTOSIS: C 0/5 T 7.9GrI L 2/5GrI

OTHER JOINTS:

CRANIAL MEASUREMENTS: Mastoid height R=28.0

POST CRANIAL MEASUREMENTS: Femoral bicondylar width R=78.0
Meric index L=74.9 R=74.2 Cnemic index R=72.5 FeL1 L=437
R=435 TiL1 R=345 FiL1 R=348 HuL1 R=312 RaL1 R=235 ULL1
L=252 R=260

REMARKS: Bones very fragmentary.

Three thoracic vertebrae bear Schmorl's nodes on both their superior and inferior surfaces.

Anterior dentition very worn.

CONTEXT: 1225

PRESERVATION: Moderate, skeleton 40-60% complete

SEX: Female

AGE: About 30

STATURE: 162

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
.	.	*	X	.	X	-	-	-	-	-	-	-	-	-	-
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/2	T 0/11	L 0/4
	OSTEOPHYTOSIS:	C 0/4	T 0/11	L 0/2

OTHER JOINTS: GrI: 1 L rib

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=39.8 R=39.8
 Femoral bicondylar width L=70.1 Cnemic index L=72.5 R=68.5
 TiL1 R=352 HuL1 L=304 UlL1 L=253

REMARKS:

CONTEXT: 1240

PRESERVATION: Moderate, skeleton 60-80% complete

SEX: Male

AGE: 25-35

STATURE: 176

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
.	.	.	.	.	-	X	X	X	X	.	-	-	-	-	-

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 0/9	L 0/3
	OSTEOPHYTOSIS:	C -	T 0/3	L 0/4

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=48.8 R=48.6
 Femoral bicondylar width L=81.6 R=81.5 Meric index L=74.1
 R=74.5 Cnemic index L=59.3 R=59.8 FeL1 L=479 R=482 TiL1
 L=391 FiL1 L=380 R=382 HuL1 R=333 RaL1 R=260 UlL1 R=285

REMARKS: Periosteal reactions on: lateral/anterior surface of R ilium, anterior/inferior part of the wing of the R scapula, diaphyses of both femora (especially the posterior surfaces). Slight periostitis on distal part of L radius, lateral surfaces towards the distal ends of both fibulae, posterior parts of diaphyses of both tibiae towards distal ends (the R is more severely affected than the L) and medial surfaces of R calcaneus.

REMARKS: Peg-like maxillary M3s. Mandibular canines have bifid roots.

The internal surface of a fragment of the R maxillary sinus shows reactive new bone formation. There is no evidence for the cause but it is possible that there may have once been an abscess cavity at the site of the R maxillary M2, which has been lost in life.

Probable congenital fusion of bodies of axis and third cervical vertebrae (although they have broken apart post-mortem). The amphiarthroidal joints between C3 and C4 show osteophytosis, suggestive of increased stress on the joint as a consequence of the immobility of its neighbour.

There is a small Schmorl's node on the inferior surface of a thoracic vertebra.

There is a small (2mm diameter) pit near the base of the medial malleolus on the distal joint surface of the R tibia. Probably osteochondritis dissecans.

CONTEXT: 1250

PRESERVATION: Moderate, 20-40% complete

SEX: Male

AGE: 35+

STATURE: 167

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 1/4GrI	L 2/5GrI
	OSTEOPHYTOSIS:	C -	T -	L -

OTHER JOINTS: GrIII: distal R ulna, ulnar facet of R lunate.
GrI: radial facet of R scaphoid, R trapezoid, distal R radius,
R proximal ulna, 1 distal hand phalanx, both patellae, R
distal femur, R acetabulum, 2R & 2L ribs.

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=48.6 R=48.7
Femoral bicondylar width L=79.6 R=80.2 Meric index L=79.7
R=73.1 Cnemic index L=57.6 R=58.4 FeL1 L=439 R=435 ULL1
R=262

REMARKS: Patellae show large, irregular tufts of bone at sites
of insertion of quadriceps femoris tendon.

CONTEXT: 1252

PRESERVATION: Poor, <20% complete

SEX: Female

AGE: 16-19

STATURE:

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 1253

PRESERVATION: Moderate, skeleton >80% complete

SEX: Female

AGE: 21-25

STATURE: 155

DENTAL FORMULA:

.	.	.	0	.	.	.	.	.	.	.	0	T	T	T	
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
.	X	.	0	.	.	.	.	T	T	.	.	0	.	.	.
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: Trabecular type

DENTAL CALCULUS: GrII

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/3	T 0/5	L 0/5
	OSTEOPHYTOSIS:	C 0/5	T 0/12	L 0/5

OTHER JOINTS:

CRANIAL MEASUREMENTS: Mastoid height L=24.6 R=29.0

POST CRANIAL MEASUREMENTS: Femoral head diameter L=40.7 R=40.7
Meric index L=81.9 R=85.7 Cnemic index L=68.1 R=68.6 FeL1
L=396 R=399 TiL1 L=330 R=330 HuL1 R=300 RaL1 L=221 UL1
L=243 R=247

REMARKS: Peg-like maxillary M3s. Dental crowding with 90
degree rotation of the mandibular canines.

CONTEXT: 1255

PRESERVATION: Moderate, skeleton 40-60% complete

SEX: Female

AGE: 30-50

STATURE: 171

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-
												T			
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
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/1	T -	L -
	OSTEOPHYTOSIS:	C -	T -	L 1/3GrI

OTHER JOINTS: GrI: 2 R ribs

CRANIAL MEASUREMENTS: Bifrontal breadth=105.2 Bregma-
lambda chord=125.4 Lambda-opisthion chord=94.8 Mastoid
height R=29.5

POST CRANIAL MEASUREMENTS: Femoral head diameter L=46.1 Meric
index L=74.0 Cnemic index L=71.8 R=69.8 FeL1 L=455 TiL1
L=392 RaL1 L=257

REMARKS:

CONTEXT: 1257 (juvenile)

PRESERVATION: Moderate, skeleton <20% complete

SEX: Probably male

AGE: 15-19

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Meric index L=76.9 R=80.7

REMARKS:

CONTEXT: 1257 (adult)

PRESERVATION: Moderate, skeleton <20% complete

SEX: Unsexable (possibly male)

AGE: Adult

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 0/1	L -
	OSTEOPHYTOSIS:	C 1/1GrII	T 0/1	L -

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 1259

PRESERVATION: Moderate, skeleton >80% complete

SEX: Male

AGE: About 35-50

STATURE: 170

DENTAL FORMULA:

				C											
-	-	X	.	.	.	.	.	X	.	.	X	X	.	*	*
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
.	X	*	.	.	X	X	.	X	.	.	X	X	*	X	.
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: GrIII

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/7	T 0/6	L 0/5
	OSTEOPHYTOSIS:	C 0/6	T 0/6	L 0/4

OTHER JOINTS:

CRANIAL MEASUREMENTS: Mastoid height L=24.0 R=26.3

POST CRANIAL MEASUREMENTS: Femoral head diameter L=48.0
 Femoral bicondylar width L=79.6 Meric index L=73.5 R=74.3
 FeL1 L=448 TiL1 L=365 R=364 HuL1 L=325 RaL1 R=244 ULL1
 L=263 R=263

REMARKS: There is a marked swelling of the distal part of the right tibia. There is some nodular new bone at the interosseus border, otherwise the surface of the lesion is smooth. There is an oval depression (30x15mm & 5mm deep) 5cm superior to the medial malleolus. The distal third of the right fibula shows a periosteal reaction on its medial surface and is thickened with respect to the normal left fibula. X-ray reveals that the externally visible cortex in the area of the lesion on the tibia is an involucrum surrounding the original cortex, part of which appears to have been removed by remodelling.

Probable osteomyelitis. The oval depression is probably a healed sinus.

The left tibia shows a faint Harris line approximately 33mm from the distal epiphysial line. No lines are visible in the right tibia.

CONTEXT: 1260

PRESERVATION: Moderate, skeleton <20% complete

SEX: Unsexable (large bones, possibly male)

AGE: Adult

STATURE: (175 if male)

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS: GrI: posterior calcaneal facet of R talus,
anterior calcaneal facet of L talus, L distal hallucial
phalanx, 1 intermediate foot phalanx

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Cnemic index L=71.4 R=71.7 TiL1
R=385

REMARKS: Lower leg and foot bones only

CONTEXT: 1339

PRESERVATION: Poor, skeleton <20% complete

SEX: Probably female

AGE: 25-35

STATURE: -

DENTAL FORMULA:

T	.	.	X	.	.	.	X	X	X	.	.	.	.	.	-
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
.	.	*	.	.	X	X	X	X	X	X	X	.	*	X	X
														A	A

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C - T - L -

OSTEOPHYTOSIS: C - T 0/2 L -

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 1344

PRESERVATION: Moderate, skeleton 40-60% complete

SEX: Male

AGE: 25-35

STATURE: 176

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
*	*	X	.	.	.	X	X	X	X	.	X	.	.	.	.
													C	C	

LEFT

RIGHT

Also 1 unidentifiable single-rooted tooth; very damaged, possibly a maxillary incisor

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket missing or damaged but loose tooth present 0=congenital absence of tooth U=unerupted E=erupting C=caries cavity A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: One line and area of pitted enamel on anterior teeth. Line is 5mm and pitted area 1.5-4mm from CEJ on mandibular canine.

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/3	T 0/1	L -
	OSTEOPHYTOSIS:	C 0/4	T 0/6	L 2/2 GrII (evidence for ante-

rior disc herniation)

OTHER JOINTS: GrI: 1L, 1R rib

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=46.8 R=47.3
 Femoral bicondylar width L=77.8 Meric index L=72.7 Cnemic index L=66.3 R=64.4 FiL1 L=387 HuL1 L=330 RaL1 L=253

REMARKS: A thoracic vertebra bears a small Schmorl's node

CONTEXT: 1345

PRESERVATION: Moderate, 40-60% complete

SEX: Female

AGE: Adult

STATURE: 158

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: 1 line on mandibular canine, 5.5mm from CEJ

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 1/3GrI	L 1/4GrI
	OSTEOPHYTOSIS:	C -	T 0/1	L 1/1GrI

OTHER JOINTS: GrI: 1R rib, R proximal femur, proximal phalanx of R thumb.

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=40.9
 Femoral bicondylar width L=74.2 Meric index L=80.0 R=74.4
 FeL1 L=422

REMARKS: A healed fracture of a R rib, 3-4cm from facet for vertebral tranverse process. Another R rib shows some reactive bone on it - possibly the superior neighbour of the fractured one.

CONTEXT: 1346

PRESERVATION: Moderate

SEX: Unsexable & probable male

AGE: 25-35 & adult

STATURE:

DENTAL FORMULA:

	C															
	·	·	·	·	·	·	·	·	-	-	-	-	-	-	-	-
	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
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: GrI

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 0/6	L 0/1
	OSTEOPHYTOSIS:	C -	T 0/4	L 0/1

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS: 2 individuals represented, one unsexable adult and one larger boned (probably male) adult. Unclear which post-cranial parts are associated with the teeth.

CONTEXT: 1347

PRESERVATION: Moderate, 20-40% complete

SEX: Female

AGE: Adult

STATURE: 156

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C - T 0/11 L 0/4

OSTEOPHYTOSIS: C - T 1/7GrI L 0/2

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=45.4
R=44.5 Meric index R=75.7 FeL1 L=412 HuL1 R=294 RaL1
R=216 ULL1 L=233 R=238

REMARKS:

CONTEXT: 1352

PRESERVATION: Moderate, skeleton 20-40% complete

SEX: Male

AGE: 23-28

STATURE: 177

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C - T 1/2GrI L 2/5GrI

OSTEOPHYTOSIS: C - T 0/1 L 1/5GrI

OTHER JOINTS: GrI: 2L ribs

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=52.3
R=54.2 Femoral bicondylar width L=88.5 R=88.7 Meric index
L=79.7 Cnemic index R=63.5 TiL1 L=390 R=393

REMARKS: A thoracic vertebra shows a Schmorl's node on its
superior and inferior surfaces; a lumbar vertebra shows a node
on its inferior surface.

CONTEXT: 1392

PRESERVATION: Moderate, skeleton 60-80% complete

SEX: Female

AGE: 21-25

STATURE: 170

DENTAL FORMULA:

.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.
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
0	.	.	.	.	.	T	T	.	.	.	.	.	.	.	.

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: GrII

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 0/2 T 0/2 L 0/3

OSTEOPHYTOSIS: C 0/2 T 0/2 L 3/4GrI

OTHER JOINTS:

CRANIAL MEASUREMENTS: Mastoid height R=29.7

POST CRANIAL MEASUREMENTS: Meric index L=73.2 R=75.5 HuL1
L=310 RaL1 L=239 R=247 ULL1 L=258 R=268

REMARKS: Marked asymmetry of the forearms - R radius and ulna
are 8 & 10mm longer than the left.

The anterior nasal spine shows atrophy to Moller-Christensen's (1961) II. There is a slight amount of new bone formation upon the superior surface of the hard palate. There also appears to be some erosion of the pyriform margins. The inferior surface of the hard palate shows markedly increased pitting and there is some fine pitting of the superior surface. There is resorption of the maxillary alveolar bone in the region of the central incisors (to Moller-Christensen's II). The orbital roofs are missing, so it is not possible to ascertain whether there was cribra orbitalia.

The lower leg bones show considerable build up of periosteal new bone, mainly confined to the distal 2/3 and particularly pronounced on the inter-osseous borders. The bone had a longitudinally striated appearance and was somewhat nodular where the deposition was thickest.

All the tarsals and metatarsals are present, together with 6 phalanges from each foot. Both calcanei show osteitic changes. The left talus shows osteitis, together with the destruction of the articular surface for the navicular; the corresponding joint surface of the navicular is also destroyed. All the tarsals show osteitis.

The shafts of the metatarsals show osteitis/periostitis. The changes tend to be more pronounced towards the distal ends of the bones. The head of the 1st R metatarsal and the base of the hallucial proximal phalanx have been destroyed ante-mortem.

5 R and 3 L foot phalanges show osteitic pitting and/or periostitis; most also show enlarged nutrient foramina.

Many foot bones are osteoporotic, particularly the right hallucial phalanges - these last are markedly more radiolucent than their counterparts in the left foot.

One left foot sesamoid is present and is normal.

All the hand phalanges, save 1, are present and are normal.

These lesions are suggestive of leprosy.

The cuboids and lateral and intermediate cuneiforms of both feet show dorsal exostoses of the type described by Andersen & Manchester (1988). These changes are more pronounced on the R foot. It is uncertain whether the tali or navicular bones bore similar exostoses, due to florid osteitic changes or post-mortem damage. These exostoses mark the sites of ligamentous insertions. Leprosy frequently results in loss of function of the posterior tibial nerve, the motor component of which supplies most of the muscles responsible for maintaining the integrity of the longitudinal arch of the foot. Loss of motor function leads to development of pes planus which places additional strain on the dorsal ligaments of the cuneio-navicular and cubo-navicular joints; this tends to lead to formation of bony exostoses at the sites of insertion of these ligaments. Thus Andersen & Manchester (1988) suggest that the presence of such exostoses in cases of leprosy is suggestive of neurological damage.

No Harris lines.

CONTEXT: 1394

PRESERVATION: Poor, skeleton 20-40% complete

SEX: Male

AGE: 22-25

STATURE: -

DENTAL FORMULA:

C	C	C		C									C		C
.
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
.	.	*	.	.	.	.	X	X	.	.	.	.	X	.	.
	C														
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/5	T 0/5	L 0/2
	OSTEOPHYTOSIS:	C 0/5	T 0/7	L -

OTHER JOINTS:

CRANIAL MEASUREMENTS: Bregma-lambda chord=118.5 Mastoid height L=31.9 R=30.4

POST CRANIAL MEASUREMENTS:

REMARKS: Upper parts of body only present

CONTEXT: 1701

PRESERVATION: Moderate, skeleton <20% complete

SEX: -

AGE: 16-18

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Cnemic index R=80.7 TiL1 R=319
FiL1 R=306 (without epiphyses)

REMARKS: Lower leg bones only

CONTEXT: 1703

PRESERVATION: Moderate, skeleton <20% complete

SEX: -

AGE: 10-16

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Cnemic index L=72.4

REMARKS: Lower legs and feet only

CONTEXT: 1710

PRESERVATION: Poor, skeleton <20% complete

SEX: Male

AGE: About 30-40

STATURE:

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 0/4	L 0/4
	OSTEOPHYTOSIS:	C -	T 0/2	L 4/4GrI

OTHER JOINTS: GrI: 1L rib

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS: 3 lumbar vertebrae show Schmorl's nodes (2 on superior, 1 on inferior surfaces).

CONTEXT: 2019

PRESERVATION: Moderate, skeleton 20-40% complete

SEX: Female

AGE: Adult

STATURE: 161

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C T L

OSTEOPHYTOSIS: C T L

OTHER JOINTS: GrII: 1R rib, GrI: 4R ribs, R acetabulum, R
proximal humerus, R proximal radius, R proximal ulna, R
lateral clavical

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter R=41.5
Meric index R=86.9 HuL1 R=297 RaL1 R=223 UlL1 R=244

REMARKS:

CONTEXT: 2020

PRESERVATION: Poor, skeleton <20% complete

SEX: -

AGE: About 12

STATURE: -

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
-	X	.	.	.	.	.	X	X	.	X	-	-	-	-	-
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: 3 heavy lines and a pitted area.
Lines visible on most anterior teeth. On mandibular PM1 lines
are 1,2 & 3mm from CEJ. Pitted area is 4-5mm from CEJ. Teeth
also have light-coloured horizontal striations on roots - 6 on
PM1, 5 on PM2.

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 2025

PRESERVATION: Moderate, skeleton <20% complete

SEX: Male

AGE: Adult

STATURE:

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral bicondylar width
R=89.7 Cnemic index R=69.3

REMARKS: Leg bones only

CONTEXT: 2068

PRESERVATION: Poor, skeleton 40-60% complete

SEX: Male

AGE: 40-60

STATURE: -

DENTAL FORMULA:

-	-	-	X	.	.	X	T	X	X	.	X	*	*	-	-
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
.	*	*	*	*	*	*
C															
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: 2 lines on most anterior teeth, 3.5 & 5.5mm from CEJ on maxillary lateral incisor

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 1/1GrI T - L 0/1

OSTEOPHYTOSIS: C - T - L 2/2GrI

OTHER JOINTS: GrI: 1R rib, L patella

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS: Probable healed fracture of L humerus, midshaft area, near deltoid tuberosity. Some angular deformity and twisting of bone, but fracture strongly healed.

Large exostoses on patellae at site of insertion of quadriceps femoris.

REMARKS: The right mandibular canine has two roots.

The fourth lumbar vertebra shows spondylolysis. There are large osteophytes of the superior and inferior borders of the body of L4; the body of L5 shows large osteophytes on its superior border and sub-periosteal new bone on the anterior surface. These changes are suggestive of spondylolisthesis, the forward slippage of the vertebral body, of L4. There is also GrIII osteoarthritis of the right diarthroidal joint between L3 & 4: both faces of the joint show eburnation. This is probably the consequence of the increased stress imposed upon this joint by the anterior slippage of the body of L4.

The left ulna shows a healed fracture about 1/3 of the way from the distal end; there is fairly abundant, but well remodelled callus. X-ray showed a slightly oblique break. The left ulna is 7mm shorter than the right, but X-ray revealed that the shortening due to fracture is less than this.

CONTEXT: 2083

PRESERVATION: Poor

SEX: Child, Male, Female, unsexable adult

AGE: Child: 9 years, rest: adult

STATURE:

DENTAL FORMULA: (Child)

	U				U	U				U	U		U		
-	.	X	X	X	.	.	-	-	X	.	X	.	X	.	X
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
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: Cribriotic type (child)

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: 2 lines (2 & 3 mm from CEJ)
on unerupted maxillary PM2 (child)

DEGENERATIVE JOINT DISEASE: (uncertain to which adult these
bones

			belong)		
SPINE:	OSTEOARTHRITIS:	C -		T 1/11GrI	L 0/1
	OSTEOPHYTOSIS:	C -		T 0/3	L -

OTHER JOINTS: GrI: 1L rib

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: (probably all from male
 individual) Meric index R=88.9 Cnemic index R=62.7 FeL1
 R=448 TiL1 R=358

REMARKS: The remains consist of commingled post-cranial remains of three adults (MNI on R ulnae) and cranial fragments from a child. All the vertebrae seem to be from a single individual (one of the adults). Context is shown as a bone scatter on the site plan.

CONTEXT: 2093

PRESERVATION: Poor, skeleton 20-40% complete

SEX: Male

AGE: Adult

STATURE: 170

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T -	L 0/4
	OSTEOPHYTOSIS:	C -	T -	L -

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Cnemic index L=63.6 FeL1=458
TiL1 L=356 RaL1 L=236

REMARKS:

CONTEXT: 2098

PRESERVATION: Moderate, skeleton >80% complete

SEX: Male

AGE: 55+

STATURE: 172

DENTAL FORMULA:

									A	A						
-	-	-	-	-	-	-	-	-	X	X	X	*	*	*	-	-
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	
*	*	.	
			C						C				C		C	
			A													

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: GrI

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 2/2GrII T 9/10GrI L 0/3

OSTEOPHYTOSIS: C - T 1/3GrI L 2/2GrI

OTHER JOINTS: GrI: 5L, 1R ribs, both patellae, L proximal
and distal ulna, 2 L hand phalanges

CRANIAL MEASUREMENTS: Cranial breadth=148 Bregma-
lambda chord=112.5 Lambda-opisthion chord=99.9

POST CRANIAL MEASUREMENTS: Femoral bicondylar width L=82.0
R=81.9 Meric index L=77.6 R=79.4 Cnemic index L=62.2 R=65.6
FeL1 L=458 TiL1 L=381 R=385 FiL1 L=371 R=372 HuL1 R=352
RaL1 R=256 UL1 L=277 R=277

REMARKS: Ossified cricoid(?) and thyroid cartilages; many
costal cartilages ossified. Sternal foramen.

CONTEXT: 2107

PRESERVATION: Poor, skeleton <20% complete

SEX: -

AGE: About 10-15

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 2115

PRESERVATION: Good, skeleton >80% complete

SEX: Female

AGE: 30-40

STATURE: 161

DENTAL FORMULA:

.	.	.	.	.	.	.	.	.	X	.	T	T	-	.	.
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
.	.	.	.	.	X	.	X	X	X	X	.	X	.	.	.

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: GrI

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/3	T 1/7GrI	L 0/5
--------	-----------------	-------	----------	-------

	OSTEOPHYTOSIS:	C 0/3	T 1/9GrI	L 2/5GrI
--	----------------	-------	----------	----------

OTHER JOINTS: GrI: 2L, 4R ribs

CRANIAL MEASUREMENTS: Mastoid height L=29.6

POST CRANIAL MEASUREMENTS: Femoral head diameter L=42.8
 Femoral bicondylar width L=74.3 R=75.4 Meric index L=71.0
 R=72.0 Cnemic index L=61.9 R=68.6 FeL1 L=436 R=433 TiL1
 L=347 R=347 FiL1 L=338 HuL1 L=299 R=306 RaL1 L=223 R=230
 UL1 L=244 R=251

REMARKS: R femoral head bears a semi-circular pit (12x6 & 2-3mm deep) near its inferior border. The margins of the pit are slightly raised. Probably osteochondritis dissecans.

CONTEXT: 2121

PRESERVATION: Moderate, skeleton <20% complete

SEX: -

AGE: Neonate

STATURE:

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: HuL1 R=75 (without epiphyses)

REMARKS:

CONTEXT: 2125

PRESERVATION: Poor, skeleton 20-40% complete

SEX: Female

AGE: Adult

STATURE: 172

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Femoral head diameter L=40.8 Meric
index L=85.1 Cnemic index L=66.4 R=73.3 HuL1 L=332 RaL1
L=246 U1L1 L=273

REMARKS:

CONTEXT: 2126

PRESERVATION: Moderate, skeleton 60-80% complete

SEX: Female

AGE: 35-45

STATURE: 158

DENTAL FORMULA:

		C										C			
X	X	.	X	X	X	X	X	X	X	X	X	.	*	*	*
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
.	*	*	.	X	.	X	X	X	X	.	.	.	.	.	.
C													C	C	C

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: GrI

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 0/3 T 2/11GrI L 0/2

OSTEOPHYTOSIS: C 1/3GrII T 2/12GrII L 1/3GrII
2/3GrI 9/12GrI 2/3GrI

OTHER JOINTS: Osteophytosis GrI on S1. Osteoarthritis: GrII:
R proximal humerus, GrI: L proximal humerus, R glenoid, 5L,
4R ribs.

CRANIAL MEASUREMENTS: Cranial breadth=146 Bregma-lambda
chord=100.7 Nasion-bregma chord=113.4 Mastoid height
L=20.4 R=23.0

POST CRANIAL MEASUREMENTS: Femoral head diameter L=40.6 Meric
index L=81.0 Cmenic index L=71.9 R=77.9 FeL1 L=410 TiL1
L=345 R=345 HuL1 R=301

REMARKS: Marked super-eruption of teeth.

2 Lumbar vertebrae bear Schmorl's nodes on both their superior and inferior surfaces.

CONTEXT: 2127

PRESERVATION: Good, skeleton >80% complete

SEX: Male

AGE: 21-24

STATURE: 164

DENTAL FORMULA:

			C	C													
.
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		
.	
			C														
			LEFT													RIGHT	

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: Porotic type

DENTAL CALCULUS: GrI

DENTAL ENAMEL HYPOPLASIA: 1 faint line on canines (3.5mm from
CEJ on mandibular canines)

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 0/7 T 0/12 L 0/5

OSTEOPHYTOSIS: C 0/6 T 0/12 L 0/4

OTHER JOINTS:

CRANIAL MEASUREMENTS: Bifrontal breadth=95.5 Bregma-
lambda chord=113.5 Nasion-bregma chord=103.6 Mastoid
height L=27.1R=25.6

POST CRANIAL MEASUREMENTS: Femoral head diameter L=45.4 R=43.8
Femoral bicondylar width L=70.9 R=70.0 Meric index L=76.7
R=77.9Cnemic index L=67.4 R=72.0 FeL1 L=428 R=423 TiL1 L=355
R=351 FiL1 R=343 HuL1 L=295 R=299 RaL1 L=221 R=226 UL1
L=249 R=254

REMARKS: Pits in proximal joint surfaces of both proximal hallucial phalanges.

Incomplete transverse foramina on atlas.

There is destruction of about 75% of the superior surface of the first sacral segment. The lytic area has a pitted, but not sclerotic appearance; bone regeneration is negligible. There is some periostitis on the anterior surfaces of the bodies of S2 and S3.

There is a scalloped erosion on the anterior/left surface of the body of L5, the margins of which are slightly sclerotic; new bone formation at the site of this lytic defect is negligible but there is some sub-periosteal new bone formation on the anterior surface of the vertebral body and on the inferior part of the neural arch. The anterior surface of the body of L4 shows slight sub-periosteal new bone formation and there is a shallow, pitted area of bone destruction on the superior surface of the body of L3. There is some sclerotic, irregular bone on the periphery of the superior surface of L5 & the inferior surface of L4.

There is destruction of the iliac face of the R sacro-iliac joint, with some sclerosis.

The left ulna shows a lytic defect beneath the proximal joint surface which pierces the bone transversely; there are some perforations of the joint surface itself. Bone regeneration is negligible. X-ray confirms the the margins of the defects are not sclerotic. There are slight lytic changes and pitting the the margins of the proximal joint surface of the left radius.

The left humerus shows 2 areas of bone destruction at the proximal margin of the distal joint surface on the anterior aspect of the bone. There is some reactive new bone formation between the 2 lytic defects and in the olecranon fossa.

A radiographic study of the skeleton failed to reveal further lesions.

Probably tuberculosis.

No Harris lines.

CONTEXT: 2129

PRESERVATION: Moderate, skeleton 40-60% complete

SEX: Male

AGE: 40-50

STATURE: 168

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
X	.	*	.	X	.	X	*	*	X	X	.	.	X	.	X
A	C												A	C	
	A														
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 3/6GrII	L -
	OSTEOPHYTOSIS:	C -	T 6/6GrI	L -

OTHER JOINTS: GrII: Distal end of R 1st metatarsal, GrI: 3R ribs

CRANIAL MEASUREMENTS: Nasion-bregma chord=110.6 Mastoid

height L=28.2

POST CRANIAL MEASUREMENTS: Femoral bicondylar width R=83.4
Cnemic index L=56.9 R=60.7 TiL1 L=361 R=363 FiL1 R=354 HuL1
L=302 R=306

REMARKS:

CONTEXT: 2132

PRESERVATION: Poor, skeleton 20-40% complete

SEX: Female

AGE: 17-24

STATURE:

DENTAL FORMULA:

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
-	-	-	T	-	-	-	-	X	X	X	.	.	.	.	.

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: GrII

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 0/2 T 0/6 L 0/5

OSTEOPHYTOSIS: C 0/2 T - L 0/1

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Cnemic index R=72.9

REMARKS: Slight alveolar resorbtion around mandibular right molars, together with osteitic pitting of interdental septa. Periodontal disease.

CONTEXT: 2137

PRESERVATION: Moderate skeleton <20% complete

SEX: -

AGE: 6 months

STATURE:

DENTAL FORMULA:

									U		U								
									T		T								
-	-	-	-	-	-	-	-	-	d	X	d	X	X	-	-	-	-	-	-
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				
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem --=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=decicuous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: HuL1 R=76 (without epiphyses)

REMARKS:

CONTEXT: 2138

PRESERVATION: Moderate, 40-60% complete

SEX: -

AGE: About 10

STATURE:

DENTAL FORMULA:

										U	U	U			
-	-	-	-	-	-	-	-	X	X	.	.	.	.	-	-
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
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: Porotic type

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Meric index R=78.2 Cnemic index
R=79.4 FeL1 R=273 TiL1 R=227 ULL1 R=163 (without epiphyses)

REMARKS: L side of skeleton badly affected by soil erosion.

CONTEXT: 2142

PRESERVATION: Moderate, skeleton 20-40%

SEX: Probably male

AGE: 40+

STATURE: 174

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS: GrIII: R distal femur, R patella, GrII: L distal femur, GrI: Proximal joint surface of L proximal hallucial phalanx, anterior talar facet on L calcaneus

CRANIAL MEASUREMENTS: Mastoid height R=29.6

POST CRANIAL MEASUREMENTS: Cnemic index L=69.7 TiL1 L=379

REMARKS: Small exostoses anterior to the distal joint surfaces of both fibulae.

There is thickening of the internal table of the frontal bone, which presents an irregular, knobbly appearance. Hyperostosis frontalis interna.

CONTEXT: 2155

PRESERVATION: Moderate, skeleton <20% complete

SEX: Unsexable

AGE: 25-35

STATURE: -

DENTAL FORMULA:

T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEFT								RIGHT							

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket missing or damaged but loose tooth present 0=congenital absence of tooth U=unerupted E=erupting C=caries cavity A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C T L

OSTEOPHYTOSIS: C T L

OTHER JOINTS: GrI: proximal L fibula & tibia, both distal femora.

CRANIAL MEASUREMENTS: Metic index L=74.6 Cnemic index L=68.9
R=70.3

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 2163

PRESERVATION: Good, skeleton <20% complete

SEX: Unsexable

AGE: Adult

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS: Gr I: L patella

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Cnemic index L=64.6 R=71.2 TiL1
L=346 FiL1 L=335

REMARKS: Lower leg and foot bones only.

There is extensive destruction of the joint surfaces forming the articulation between the left talus and calcaneus; the eroded areas have a porotic and irregular appearance and there is some bony proliferation at their margins. There are similar changes at the articulation between the right 1st metatarsal and the proximal hallucial phalanx. X-ray revealed a lytic area, lacking sclerotic margins, beneath the distal joint surface of this phalanx. The distal joint surfaces of the left fibula and tibia show erosive changes; X-ray showed that the joint surface lesions in the tibia communicated with 2 large sub-chondral holes, lacking sclerotic margins. There is a small pit on the distal joint surface of the R tibia, otherwise the joint surface is normal. The R fibula is missing post-mortem.

The lower leg bones show periosteal reactions; they were mainly confined to the lower portions of the bones and were more marked on the left leg. The L talus and calcaneus also showed periostitis.

Both calcanei show bony spurring at the site of insertion of the tendo-calcaneus.

In addition to the bones discussed above 1L and 3R tarsals, 1L and 4R metatarsals, and 9 foot phalanges were present and normal.

These lesions are suggestive of a reactive arthropathy, but in the absence of the rest of the skeleton a more precise diagnosis is impossible.

No evidence for Harris lines.

POST CRANIAL MEASUREMENTS: Cnemic index L=71.5

REMARKS:

CONTEXT: 2166

PRESERVATION: Moderate, skeleton >80% complete

SEX: Female

AGE: 35-45

STATURE: 154

DENTAL FORMULA:

-	-	-	-	-	*	X	X	X	X	.	.	*	*	*	.
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
X	*	*	*	.	.	.	.	.	.	X	X	*	*	*	.

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: GrI

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 2/7GrIII	T 1/8GrII	L 1/3GrII
		2/7GrII	3/8GrI	1/3GrI
		1/7GrI		
	OSTEOPHYTOSIS:	C 5/6GrIII	T 7/10GrII	L 1/4GrII
			3/10GrI	3/4GrI

OTHER JOINTS: Osteophytosis: GrII on S1. Osteoarthritis:
GrIII: distal joint surface of both 1st metacarpals, GrII:
facet joints of S1, distal R 1st metatarsal, 1L hand phalanx,
1R rib, R distal ulna, GrI: both distal radii, both glenoids,
both acetabula, 4R ribs, 1L hand phalanx, proximal R 2nd

metacarpal, proximal R 5th metatarsal.

CRANIAL MEASUREMENTS: Nasion-bregma chord=108.4 Mastoid
height L=25.0

POST CRANIAL MEASUREMENTS: Femoral head diameter L=39.7 R=39.9
Cnemic index L=75.2 R=73.5 FeL1 L=404 R=402 TiL1 L=325 R=327
HuL1 L=288 ULL1 R=235

REMARKS: Small, shallow pit on anterior calcaneal facet of R
talus.

Small, irregular exostosis on anterior part of medial
condyle of left femur.

Ossification of costal cartilage of an upper right rib.

CONTEXT: 2167

PRESERVATION: Good, skeleton 60-80% complete

SEX: Female

AGE: 25-35

STATURE: 157

DENTAL FORMULA:

T	T	X	.	.	.	X	.	.	X	.	.	.	.	.	.
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
.

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: GrII

DENTAL ENAMEL HYPOPLASIA: 1 line on canines (4.8mm from CEJ on maxillary canines.

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/7	T 0/12	L 0/5
	OSTEOPHYTOSIS:	C 0/6	T 1/12GrII	L 4/5GrI
			4/12GrII	sl.

anterior

disc

herniation

on 2

vertebrae

OTHER JOINTS:GrII: 1L, 1R rib, GrI: 2L, 2R ribs

CRANIAL MEASUREMENTS: Mastoid height L=26.2

POST CRANIAL MEASUREMENTS: Femoral head diameter L=42.0 R=42.1
Femoral bicondylar width R=72.4 Meric index L=75.0 R=76.8
Cnemic index L=71.7 FeL1 L=418 R=413

REMARKS: Pit (10x5mm) in lateral condyle of L femur;
osteochondritis dissecans.

Healed fracture of L 2nd metacarpal, about 1/3 of way from
proximal end.

CONTEXT: 2168 (male)

PRESERVATION: Moderate, skeleton <20% complete

SEX: Male

AGE: 25-35

STATURE: 177

DENTAL FORMULA:

-	-	-	-	-	-	T	-	X	X	X	.	.	.	.	.
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
.	.	X	-	-	-	-	-	-	-	-	-	-	-	-	-

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/6	T 1/7GrI	L 1/5GrI
	OSTEOPHYTOSIS:	C 0/3	T 0/7	L 3/5GrI

OTHER JOINTS: Osteophytosis GrI on S1, osteoarthritis GrI: 4L,
3R ribs.

CRANIAL MEASUREMENTS: Mastoid height L=29.8

POST CRANIAL MEASUREMENTS: Femoral head diameter L=51.8 R=51.0
Femoral bicondylar width L=84.9 Meric index L=76.0 Cnemic
index R=72.9 FeL1 L=497 TiL1 R=395 FiL1 R=371 HuL1 R=348

REMARKS: Porotic changes to interdental septa, together with
alveolar resorbtion GrII: periodontal disease.

CONTEXT: 2168 (unsexable adult)

PRESERVATION: Moderate, skeleton <20% complete

SEX: Unsexable

AGE: Adult

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C - T 0/7 L 0/1

OSTEOPHYTOSIS: C - T - L -

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 2171 (adult)

PRESERVATION: Good, skeleton 40-60% complete

SEX: Female

AGE: 25-35

STATURE: 158

DENTAL FORMULA:

											A	A			
								C			C	C	C		
-	-	-	-	-	T	X	X	.	.	.	.	.	.	-	-
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
X	.	X	X	.	X	X	X	X	X	X	.	.	.	.	X
			A	A									C		
					LEFT										RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: GrI

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C -	T 0/12	L 0/5
	OSTEOPHYTOSIS:	C -	T 0/12	L 0/1

OTHER JOINTS: GrI: 1R rib

CRANIAL MEASUREMENTS: Lambda-opisthion chord=87.0 Nasion-
bregma chord=108.5

POST CRANIAL MEASUREMENTS: Meric index L=71.7 HuL1 L=291
R=302

REMARKS: Manubrium fused to body of sternum.

A L true rib shows a well-healed fracture about 1/3-1/2 way from its head.

CONTEXT: 2171 (child)

PRESERVATION: Moderate, skeleton <20% complete

SEX: -

AGE: About 11-16

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C T L

OSTEOPHYTOSIS: C T L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS:

CONTEXT: 2172

PRESERVATION: Good, skeleton >80% complete

SEX: Female

AGE: 35-45

STATURE: 153

DENTAL FORMULA:

.	.	.	.	.	.	.	X	X	X	.	X	X	.	.	X
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
.

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: GrII

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 2/7GrIII	T 3/12GrIII	L 0/5
		3/7GrI	1/12GrII	
			1/12GrI	

OSTEOPHYTOSIS:	C 4/6GrI	T 7/12GrII	L 1/5GrII
		2/12GrI	2/5GrI

OTHER JOINTS: Osteophytosis GrI on S1. Osteoarthritis GrIII:
 R proximal humerus, GrII: 1L, 1R rib, R glenoid, GrI: 4L, 3R
 ribs, L glenoid, L proximal humerus, both tali.

CRANIAL MEASUREMENTS: Cranial bredth=137.0 Bregma-lambda

chord=112.0 Lambda-opisthion chord=94.8 Mastoid height
L=28.0 R=27.8

POST CRANIAL MEASUREMENTS: Femoral head diameter L=39.9 R=40.1
Femoral bicondylar width L=68.9 R=69.4 Metic index L=79.9
R=78.4 Cnemic index L=69.1 R=73.0 FeL1 L=401 R=397 TiL1
L=323 R=320 FiL1 L=316 R=315 HuL1 L=282 R=287 RaL1 R=213
UL1 L=233

REMARKS: The inferior surface of a mid-thoracic vertebra shows
2 Schmorl's nodes.

The R mandibular canine shows ante-mortem chipping.

CONTEXT: 2173

PRESERVATION: Moderate, skeleton 40-60% complete

SEX: Male

AGE: 40-60

STATURE: 171

DENTAL FORMULA:

												A	A		
*	*	*	X	X	X	X	X	X	X	.	X	X	*	*	X
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
-	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: 0

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 2/6GrIII T 4/9GrI L 1/1GrI
 4/6GrII
 OSTEOPHYTOSIS: C 3/4GrI T - L -

OTHER JOINTS: GrII: 2L, 2R ribs GrI: 4L, 4R ribs, both
 acetabula, proximal L radius, proximal L ulna, distal R
 radius, 1R proximal hand phalanx, 1L intermediate hand phalanx
 and 1L distal hand phalanx.

CRANIAL MEASUREMENTS: Bregma-lambda chord=121.6 Mastoid
 height R=29.8

POST CRANIAL MEASUREMENTS: Femoral bicondylar width L=80.4
Meric index L=74.0 R=73.4 Cnemic index L=63.3 R=63.6 HuL1
L=335 RaL1 L=229

REMARKS: Abscess at root of maxillary R M1 pierces maxillary
sinus and there is some reactive new bone formation within the
sinus and in the left frontal sinus above the nose.

POST CRANIAL MEASUREMENTS: Metic index L=76.3 Cnemic index L=70.4 TiL1 L=303 FiL1 L=296 (without epiphyses)

REMARKS: Peg-like maxillary third molars.

Four metatarsals from each foot are present and all those from the left foot and 3 from the right foot show periostitis; all the bones are somewhat damaged post-mortem. The tali, calcanei and 4 other tarsals are present from each foot and are normal; about half the hand bones are present and are normal.

There is a slight periosteal reaction on the interosseus borders of the left tibia and fibula, confined to the distal third of the bones. The R fibula appears normal, but is rather damaged post-mortem, and the R tibia is missing.

It seems probable that these lesions are a result of systemic disease rather than local injury, but the rest of the skeleton gave no clue as to what disease might be responsible. The pattern of occurrence and appearance of the lesions was strikingly similar to that found in cases of leprosy (for example burial 1392). In an effort to investigate the possibility of leprosy as a diagnosis the facial bones were examined for signs of facies leprosa. The anterior nasal spine is damaged post-mortem, but the inferior and superior surfaces of the hard palate are intact and normal, as are the borders of the pyriform aperture. Thus since facies leprosa, changes caused specifically by the leprosy bacillus, are absent it was felt that a diagnosis of leprosy could not be sustained. The cause of the lesions is uncertain.

CONTEXT: 2175

PRESERVATION: Poor, skeleton <20% complete

SEX: Male

AGE: Adult

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS: Mastoid height R=30.6

POST CRANIAL MEASUREMENTS :

REMARKS :

CONTEXT: 2178

PRESERVATION: Poor, skeleton <20% complete

SEX: Unsexable

AGE: Adult

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS :

REMARKS :

CONTEXT: 2179

PRESERVATION: Good, skeleton <20% complete

SEX: Female

AGE: 21-24

STATURE: 157

DENTAL FORMULA:

														C																	
.	X	X	.	X	X														
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																
.	.	.	.	.	.	.	.	X	X	.	.	.	0	.	.	.														
														d	C															C	
														C																	
														LEFT															RIGHT		

Key: .=tooth present in socket X=tooth lost post-mortem
 *=tooth lost ante-mortem -=socket missing or damaged T=socket
 missing or damaged but loose tooth present 0=congenital
 absence of tooth U=unerupted E=erupting C=caries cavity
 A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: Porotic type

DENTAL CALCULUS: 0

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C 0/1	T 0/3	L -
	OSTEOPHYTOSIS:	C 0/3	T 0/1	L -

OTHER JOINTS: GrI: 2L ribs

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: HuL1 L=295

REMARKS: Congenital absence of both mandibular 2nd premolars (confirmed by X-ray).

CONTEXT: 2182

PRESERVATION: Good, skeleton <20% complete

SEX: Female

AGE: Adult

STATURE: 159

DENTAL FORMULA:

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C T L

OSTEOPHYTOSIS: C T L

OTHER JOINTS: GrI: proximal L 5th metatarsal

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: Cnemic index L=76.5 TiL1 R=337

REMARKS: Lower leg and foot bones only.

CONTEXT: 2183

PRESERVATION: Moderate, skeleton 20-40% complete

SEX: -

AGE: 6-7

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE:	OSTEOARTHRITIS:	C	T	L
	OSTEOPHYTOSIS:	C	T	L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS: TiL1 L=190 FiL1 L=184 RaL1 L=128
UL1 L=142 (without epiphyses)

REMARKS:

POST CRANIAL MEASUREMENTS:

REMARKS: Infra-bony pocket on buccal surface of mandible between R PM1 & C; slight alveolar resorbtion: periodontal disease.

CONTEXT: 2208

PRESERVATION: Good, <20% complete

SEX: Male

AGE: 25-35

STATURE: 172

DENTAL FORMULA:

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-

LEFT

RIGHT

Also a mandibular molar with crown destroyed by caries and a very worn mandibular medial incisor.

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket missing or damaged but loose tooth present 0=congenital absence of tooth U=unerupted E=erupting C=caries cavity A=abscess at root d=decicuous tooth present

CRIBRA ORBITALIA: Very slight porotic type

DENTAL CALCULUS: -

DENTAL ENAMEL HYPOPLASIA: -

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 0/2 T 0/2 L -
OSTEOPHYTOSIS: C 0/6 T 0/5 L -

OTHER JOINTS:

CRANIAL MEASUREMENTS: Mastoid height R=26.7

POST CRANIAL MEASUREMENTS: HuL1 R=324

REMARKS:

CONTEXT: 2216

PRESERVATION: Poor, <20% complete

SEX: Unsexable

AGE: Adult

STATURE: -

DENTAL FORMULA: No jaws or teeth

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

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA:

DENTAL CALCULUS:

DENTAL ENAMEL HYPOPLASIA:

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C T L

OSTEOPHYTOSIS: C T L

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS:

REMARKS: A few leg bones only

CONTEXT: 2218

PRESERVATION: Good, skeleton 20-40% complete

SEX: Female

AGE: 18-24

STATURE: -

DENTAL FORMULA:

-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-
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
-	T	T	-	-	-	T	T	-	-	-	-	-	-	-	-

LEFT

RIGHT

Key: .=tooth present in socket X=tooth lost post-mortem
*=tooth lost ante-mortem -=socket missing or damaged T=socket
missing or damaged but loose tooth present 0=congenital
absence of tooth U=unerupted E=erupting C=caries cavity
A=abscess at root d=deciduous tooth present

CRIBRA ORBITALIA: -

DENTAL CALCULUS: GrI

DENTAL ENAMEL HYPOPLASIA: 0

DEGENERATIVE JOINT DISEASE:

SPINE: OSTEOARTHRITIS: C 0/1 T 0/10 L 0/5

OSTEOPHYTOSIS: C 0/3 T 0/11 L 0/5

OTHER JOINTS:

CRANIAL MEASUREMENTS:

POST CRANIAL MEASUREMENTS :

REMARKS :

Non-metric data

Metopic suture: 1: 2172, 2173, 2166, 2098
0: 2167, 2168, 1191, 2129, 1708, 0937, 2084,
2115, 2208, 2068, 2164, 2126, 0459, 1253,
1255, 1710, 0496, 2127, 1249, 1139, 1073,
2179, 2112, 1394, 0942, 2142

Ossicle at Lambda: 1: 2112, 2166, 0496, 2172, 2126, 1073
0: 2129, 2115, 1249, 2068, 1253, 0937,
1392,0933, 2208, 1394, 1139, 0459, 1259,
2167, 2127, 2098, 1710, 1255, 2173

Lambdoid ossicle: 1: 2112, 2173, 2098, 2106, 0496, 1255, 1139,
0937, 2172, 2208, 2127, 1073, 2142
0: 2115, 2068, 2126, 0459, 1710, 1392, 1259

Inca bone: 0: 2115, 2126, 2127, 2098, 1253, 0933, 1255, 1710,
2084, 0496, 2172, 0937, 1073, 1139, 2112, 2208,
1249, 1708, 2168, 0459, 2173, 1392, 2166, 1394,
1259, 2068

Sagittal ossicle: 1: 2173
0: 2129, 0459, 1394, 1139, 2127, 2098, 1710,
2172, 1073, 2167, 1249, 1708, 2155, 1255,
1392, 0937, 2208, 2166

Ossicle at bregma 0: 2168, 2208, 0496, 2129, 1392, 1139, 1708,
2127, 2166, 1394, 0459, 2115, 1073, 2172,
2126, 0942, 2112, 1255, 2173, 2167, 0937,
2098

Coronal ossicle 1: 2172, 2173, 2166, 2112, 2126, 2098
0: 0496, 1394, 1139, 1708, 1255, 0937, 0459,
2127

Fronto-temporal articulation: -/0: 2126, 2127, 0937
0/-: 2164, 2166
0/0: 1708, 0459, 2098, 1255,
2173

Squamo-parietal ossicle: -/0: 2115, 2126, 1392, 1394, 2142
0/-: 2112, 1073, 2155
0/0: 2098, 2172, 1708, 1255, 2173,
0937,0459, 2127, 2166

Epipteric bone: -/0: 2127, 2126
0/-: 2166, 1339

0/0: 1708, 2098, 0459, 2173

Parietal notch bone: 1/1: 2172
1/-: 1339
1/0: 1255
-/0: 2115, 2175, 1392, 2166, 2155
0/-: 2164, 2112, 1249
0/0: 1708, 0933, 1073, 1139, 0459, 2127,
2126, 0937, 1710, 2173, 1394, 1259,
2068, 2098, 2142

Auditory torus: 0/1: 2142
0/-: 2129, 0933, 0496, 2167, 2208, 2179, 0942,
2084, 1339
-/0: 2127, 2175, 2068, 2171
0/0: 1259, 1394, 2166, 1392, 2098, 1191, 1255,
0937, 1073, 1253, 1708, 1249, 2168, 2115,
2155, 1139, 2126, 2172, 0459, 2173

Foramen of Hushke: -/0: 0459, 2127, 2175, 2068, 2171
0/-: 0933, 2167,, 0942, 0496, 2179, 2084,
1339
0/0: 1253, 2172, 1139, 2168, 1708, 1255,
2115,1073, 2126, 1191, 1249, 2155,
0937, 2173,1394, 1392, 2166, 1259,
2098, 2142

Ossicle at asterion: 0/1: 2155
-/0: 1708, 2115, 2175
0/-: 1249, 2166, 1339
0/0: 0933, 1139, 1710, 2172, 1073, 2112,
2126, 2173, 1255, 1392, 0937, 1259,
0459, 2098, 1394, 2068, 2142

Clinoid bridging: 1/1: 1139
0/-: 1249

Palatine torus: 1: 2172, 2112, 2179, 2098, 2126
0: 2164, 2127, 2068, 1073, 1253, 0942, 1708,
2166, 1394, 0937, 0459, 1259, 1339

Maxillary torus: 0: 2172, 2127, 2112, 2179, 1708, 2173, 2126,
1392, 0937, 1394, 0459

Mastoid foramen extra-sutural: 1/1: 1253, 0937, 2127, 1392,
2155
1/-: 2129, 0496
-/1: 2175
1/0: 0933, 1139, 1191, 1394,

2068
0/1: 2112, 1708, 1255, 1710,
1073,2173
0/-: 2167, 2208, 2084, 1339
-/0: 2115, 2171, 2142
0/0: 2172, 0459, 2098, 1259,
2168,1249, 2126, 2166

Mastoid foramen absent: 1/1: 2172
1/-: 1339
-/1: 2142
1/0: 1710
0/1: 2126, 1259, 2098
0/-: 2129, 0496, 1139, 2167, 2208,
2084
-/0: 2115, 2175, 2171
0/0: 1394, 2173, 2168, 1253, 2112,
0933,1708, 1073, 1255, 1191, 1249,
0937,2155, 0459, 1392, 2127, 2068

Double condylar facet on occipital: 0/-: 2112, 1073, 1249,
2084,2068
-/0: 2129, 2166, 1139,
1255,1259, 2126, 2155,
2142
0/0: 2127, 2173, 1708,
1253,0933, 1191, 2172,
2167, 0459

Parietal foramen: 1/1: 1708, 2115, 2208, 1191, 0937, 1710,
2142
1/-: 1394
-/1: 2068
1/0: 2164, 1073, 0459
0/1: 2167, 2168, 2173, 2166, 2155, 1259
-/0: 1249
0/-: 1253, 2084, 0933
0/0: 2129, 1139, 2098, 2112, 2172, 2126,
1255,2127, 1392

Accessory infra-orbital foramen: 1/-: 2164, 0942
-/1: 2173
-/0: 1253, 0937, 0459, 1073,
2166
0/-: 0496, 2179

0/0: 2112, 1708

Zygomatic-facial foramen: 1/1: 1392, 2166, 2112, 1708, 2127,
2098, 2168, 0459, 2173
1/-: 2164, 0496, 2179, 1394, 2208,
0942, 2155
-/1: 2129, 2172, 2126, 0937, 1191,
1255, 1249, 1339
0/1: 1139, 2068
0/-: 1253, 1259
0/0: 2084

Divided hypoglossal canal: 1/1: 2172
1/-: 2167, 2207
-/1: 2129, 2166, 1259, 2142
0/1: 1708, 0459, 2127
-/0: 1139, 1394
0/-: 2112, 0937, 2208, 1249, 2084,
1339
0/0: 2155, 1253, 1255, 0933, 1191,
2173

Posterior condylar canal patent: 1/1: 1708
1/-: 2068, 2112, 1191, 1249,
2155
-/1: 0496, 2126, 0937, 1392
1/0: 2173
0/1: 0933
-/0: 2129, 1259
0/-: 1339
0/0: 2172, 1255, 1073

Precondylar tubercle: 1/0: 2127
0/-: 2112, 1249
-/0: 1139, 1255, 2142
0/0: 1253, 2172, 2129, 1259, 1708, 0459,
1394, 0933, 1191

Foramen ovale incomplete: 1/-: 0942, 1249
-/1: 2168, 2155
1/0: 1394
-/0: 2172, 2126, 1255, 2208
0/-; 2112, 2084, 2167, 0459
0/0: 2129, 1253, 1259, 2179

Accessory lesser palatine foramen: 1/1: 2172
1/-: 1073, 1394, 2068,
2112, 1708, 2127
-/1: 2166
1/0: 2173

0/-: 2164
0/0: 0937, 0459

Supra-orbital foramen: 1/1: 2126, 2179, 2171
1/-: 1708, 2115
1/0: 2166, 2155, 2084, 2164, 1255
0/1: 1073, 0942, 1394
-/0: 0496, 1249, 2173, 2068, 2142
0/-: 2172, 2167, 2208
0/0: 2129, 2112, 2168, 1191, 0937,
0459, 2127

Maxillary M3 absent: 1/1: 1073
-/1: 2078
-/0: 2166, 1259
0/-: 1139, 0942, 2084
0/0: 1394, 1253, 2167, 2115, 0459, 1249,
2173, 2172, 2112, 1708, 2126, 0937,
2127, 2179, 1392

Mandibular M3 absent: 1/1: 1708, 1078, 1073, 2073
1/0: 1392
0/-: 0942
-/0: 1139, 2207
0/0: 2129, 1249, 2172, 2112, 1253, 2098,
2167, 0933, 2115, 0496, 1339, 2126,
1344, 2084, 1191, 2179, 0937, 2166,
0459, 1394, 2127, 1259, 2068

Mandibular torus: 0: 1259, 2129, 2166, 1253, 2068, 0496, 0933,
1139, 1073, 2172, 1249, 2112, 2179, 2167,
1392, 1708, 1394, 1344, 1078, 0937, 2126,
2098, 1191, 2127, 0459, 2074, 2073, 1339

Mylohyoid bridging: 1/1: 2172, 2167, 1259, 2126, 2074
-/1: 2171
0/1: 1392
0/-: 2129, 2115, 2068
-/0: 2207, 2132
0/0: 1253, 0933, 1708, 1191, 2179, 1139,
2112, 1344, 0937, 2084, 2098, 1394,
2166, 1073, 1078, 1249, 2127, 0459,

Fossa of Allen: 1/1: 2172, 2168, 1225, 1249, 2115, 1708, 2126,
 0937
 1/-: 2073
 -/1: 1259
 1/0: 1149, 2167, 2127, 1166, 1347, 0459, 1250
 0/1: 1191, 1057
 0/-: 2125, 1240, 1073, 2098
 -/0: 2019
 0/0: 1253, 1345, 0933, 2166, 2074, 0496, 1139,
 0941, 1352

Plaque formation: 1/1: 1191, 2127, 1240, 1250, 1345, 2074
 1/-: 1344, 1073, 2098
 0/1: 1253, 1166
 0/-: 1149, 2125, 2073
 -/0: 1076, 1259, 2019
 0/0: 0937, 0933, 2115, 1708, 1139, 0941,
 0496, 2167, 2172, 2168, 1225, 1249, 1347,
 0459, 1057, 2166, 1352

Exostosis in trochanteric fossa: 1/1: 2098, 1250, 1345, 2127,
 0933, 0941
 1/-: 2073
 -/1: 2019
 1/0: 0937, 1249
 0/1: 2115, 0459
 -/0: 1253, 0496
 0/-: 1149, 1225, 2074, 2125,
 1073, 1259
 0/0: 1076, 1240, 1057, 1166,
 2172, 1139, 2167, 1347,
 1191, 1708

Supra-condyloid process: 1/1: 2126
 -/0: 1394, 2019, 1345, 2167, 1710,
 2208, 2132
 0/-: 1076, 2179, 1057, 0941, 2074,
 1255, 1074, 0942, 2068, 1225,
 2168b, 2073
 0/0: 0496, 2172, 2168, 2115, 2173,
 0937, 2129, 1166, 1708, 1345,
 1139, 2112, 1344, 1259, 1240,
 2218, 1191, 1073,
 0459, 2127, 2098, 0933, 2126,
 1253,
 1249, 1347, 2171

Septal aperture: 1/1: 2218, 1708
1/-: 1249, 2179, 0942, 1076, 2173, 2073
-/1: 2127
0/1: 2172, 0937
-/0: 0496, 1394, 2167, 2019, 2208, 1710
0/-: 0941, 2168, 1225, 1057, 2074, 2112,
2168b,2125, 1074, 1255
0/0: 2166, 1073, 1240, 1259, 1166, 2098,
1191,2129, 0459, 1253, 0933, 2115, 1394,
2126,1347, 1139, 2171

Acetabular crease: 1/1: 0942
1/0: 1708, 1255, 1250
0/1: 2127
-/0: 2168, 1225, 2068, 2019, 2171
0/-: 0941, 1347, 1345, 2166, 2098, 2093,
2132,2073
0/0: 1057, 1240, 0459, 0933, 1139, 2115,
1191,1259, 1166, 1073, 0496, 2167,
2126, 0937,2074, 2173, 1249, 2172,
1352

Accessory sacral facet on ilium: 1/-: 2173
-/0: 0496, 2168, 1259, 1191,
2019, 1352, 2171
0/-: 1149, 0933, 2074, 1073,
1057, 2167, 2098, 2073
0/0: 2172, 2127, 2218, 1253,
1139, 2115, 1347, 0459,
1249, 2127

Spina bifida occulta: 1: 1259
0: 1073, 0496, 2093, 2166, 2172, 2218,
0933, 2098, 1139, 2074, 2115, 2127,
0937, 0941, 1352, 2171, 2073

Sixth sacral segment: 1: 2115, 0941
0: 1139, 2127, 0496, 2172, 1073, 2126,
1259, 2218, 0937, 0933, 1191, 2098,
2166, 1352, 2171, 2073

Acromial articular facet: 1/1: 1166
-/1: 2126
1/0: 1708
-/0: 0933, 0496, 1347, 0937, 1345,
2019, 2171

0/-: 2129, 2172, 1225, 2115, 1074,
2208, 1259, 2074
0/0: 1139, 2127, 2098, 1073, 2167,
1191, 1249, 0459

Os acromiale: 0/1: 2167
1/-: 2115
-/0: 0933, 0496, 1347, 0937, 1345, 2019, 2126,
2171
0/-: 2129, 2172, 1074, 2208, 1259, 2074, 1225
0/0: 1139, 1191, 0459, 2127, 1073, 1249, 2098,
1166, 1708

Supra-scapular foramen: 1/-: 1074
-/1: 1708
0/-: 1073, 1249, 1225, 2172, 2167,
1255, 1076, 2098, 2179, 2171
-/0: 2168, 0496, 2173, 0937, 1259
0/0: 0459, 1139, 2127, 2126, 2166,
1166

Vastus notch: 1/1: 1139, 0941, 2172
1/-: 1253, 2163, 0459, 1240, 2173
-/1: 2167, 2168, 1166, 2142, 2025
1/0: 1250
0/1: 2127
0/-: 1344, 2126, 0942, 2074, 2068, 2132
-/0: 1255, 1037
0/0: 0459, 2125, 2093, 2098, 1191, 0937

Vastus fossa: -/1: 2025
-/0: 2167, 2168, 1037, 1225, 1166, 2142
0/-: 1253, 2153, 1344, 2126, 2068, 0459, 1240,
0942, 2173, 2074

Emarginate patella: 0/-: 1253, 2153, 1344, 2126, 2074, 2068,
0459, 1240, 0942, 2173
-/0: 2167, 2168, 1225, 1166, 2142, 2025,
2093, 1037
0/0: 0496, 2172, 2125, 1139, 0941, 1191,
2127, 0937, 1250, 2098

Anterior calcaneal facet double: 1/1: 1149, 1037, 2125, 1259,
1191, 0459, 2127, 2074,
2098
1/-: 1344, 2093
-/1: 2129, 2153, 1240, 1249
0/-: 1708, 0937, 2068
-/0: 0933, 1098, 2126, 1095,

2132
0/0: 1253, 2182, 0941, 1260,
2142, 2166, 0942,
1166, 1073, 1255, 1225,
2168, 2167, 0496, 2115,
1139, 1040, 2172

Anterior calcaneal facet absent: 1/1: 0496
1/0: 1260
-/0: 1095, 1249, 0933, 2153,
1098, 2126, 1240, 2132
0/-: 1708, 1344, 0937, 2068,
2093, 1352
0/0: 1149, 1253, 2167, 2168,
1225, 1191, 1259, 1037,
0941, 2182, 1139, 2125,
2115, 1040, 2098, 2166,
2142, 2172, 1255, 0459,
2127, 1073, 1166, 0942,
2074

Atlas facet double: 1/1: 2127
1/0: 2167, 1073
0/1: 1249
-/0: 2129, 1255, 1191, 2068
0/-: 2112, 1344, 2166, 1352
0/0: 1253, 2172, 2168, 1708, 0459, 1166,
0933, 2208, 1259, 0496, 1394, 1139

Posterior atlas bridging: -/1: 1255
-/0: 0496, 0937, 2208, 2068
0/-: 2112, 1344, 2126, 2173, 2166
0/0: 1253, 2167, 1708, 0459, 1259,
0933, 2168, 2127, 1139, 1073,
1166, 1394, 2172, 1249

Lateral atlas bridging: -/0: 0496, 1255, 1191, 0937, 2068
0/-: 2112, 2168, 1344, 2166
0/0: 1253, 2167, 0459, 1259, 0933,
1708,
1166, 1139, 2208, 1249, 2172,
1073,
1394, 2127