

Islington, Old Street, St Lukes
OLROD

Box 19 File 1

E-SYNTHESISED ENVIRONMENTAL DATA - Skeletons 888-938

SCAN PDF

FILMING INSTRUCTIONS

Submitter OASouth

No. of CD copies: 2

Headings

Site information

Line 1: [OASouth] County:[Greater London] Parish:[Islington] Site:[Old Street, St Lukes]

Site code[OLR00]

Line 2: Excavators name[A. Boyle]

Line 3:

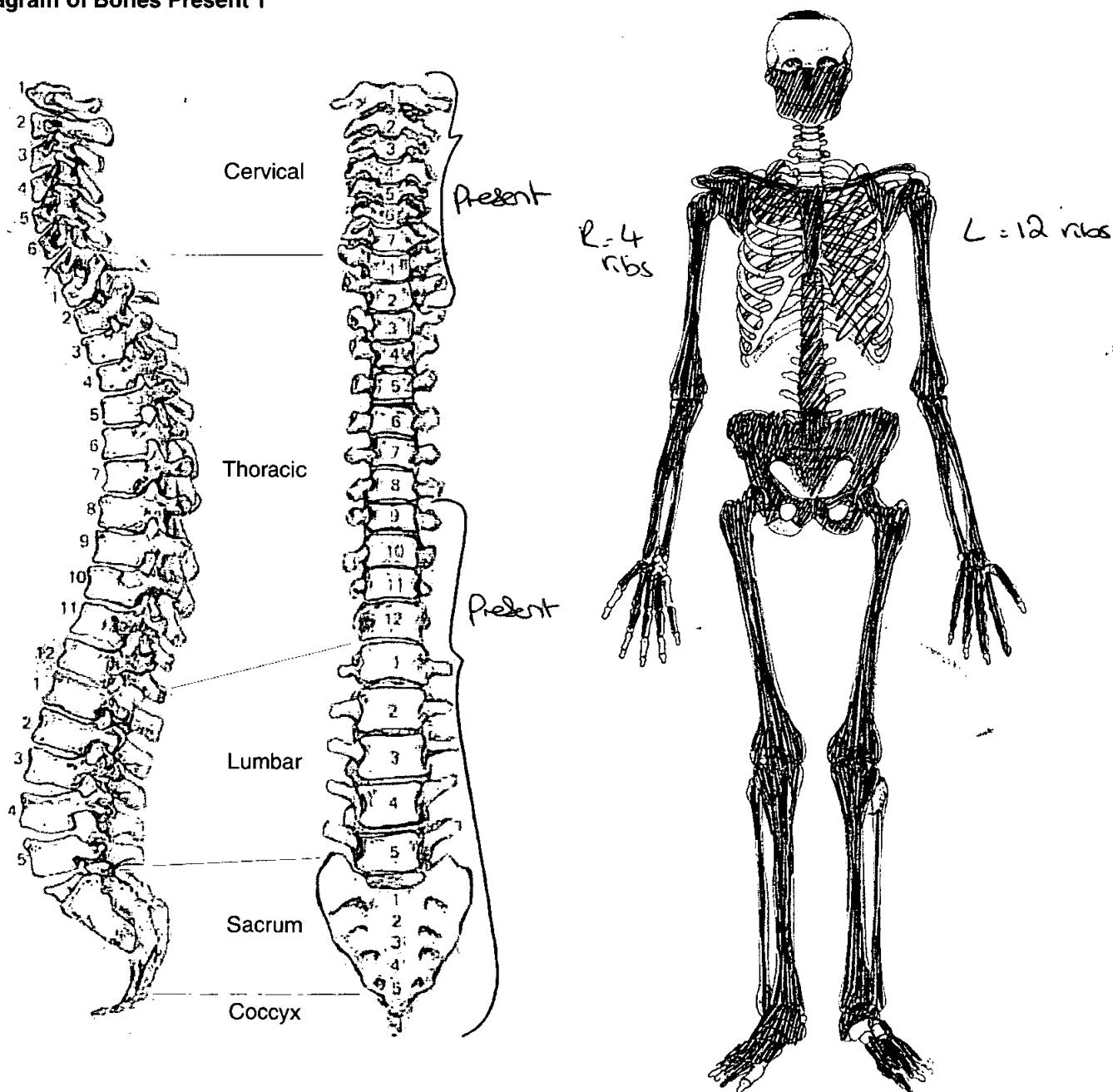
Classification of material

Tick if
present

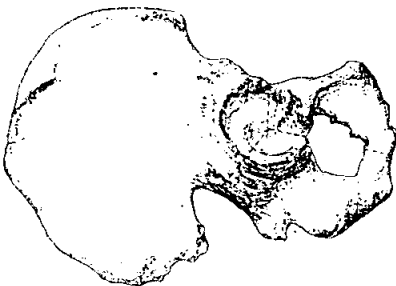
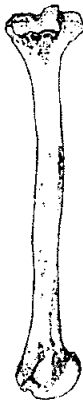
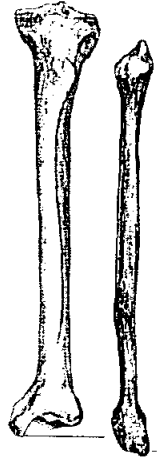
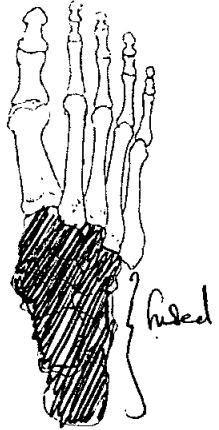
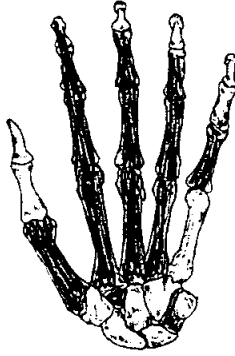
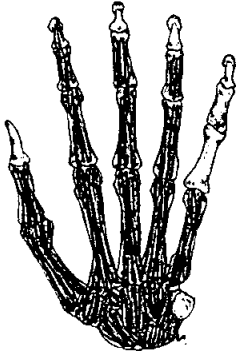
Index to archive	
Introduction	
A:Final Report	
A:Publication Report	
B:Site Data – Text: Diary/Daybook/Fieldnotes	
B: Site Data – Text: General Summaries	
B: Site Data – Text: Primary Context Records	
B: Site Data – Text: Synthesised Context Records	
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B: Site Data – Text: Synthesised Drawings	
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D: Catalogue of Photos/Slides/Videos/X--rays	
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E: Environmental/Ecofact Data: Synthesised Records, named individuals 888-938	✓
E: Environmental/Ecofact Data: Specialist Reports	
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F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	

1. Site Name OLF 00
2. Date of Record 25 1 1
3. Period P-M
4. Skeleton Number 888
5. Age MTA
40⁺
6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified
7. Stature 173.53 ± 2.99 cm
8. Preservation (tick one) ☐ Excellent ☒ Good ☐ Poor ☐ Destroyed
9. Summary of Pathological Conditions 2 Talipes equinovarus (club foot) /
? post traumatic fusion + deformity R foot. 20 D.D.
D.D. R. shoulder, D.D. L. clavicle. Sacralization L5

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

- | | |
|-------------------------------------|--|
| 13. Epiphyseal Fusion | 25-29 ⁺ |
| 14. Dental Eruption and Development | 18 ⁺ |
| 15. Dental Attrition | |
| 16. Pubic Symphyses | |
| a. Todd (♂ & ♀) | IX 45-50 |
| b. McKern & Stewart (♂) | |
| c. Gilbert and McKern (♀) | |
| d. Suchey Brooks (♂ & ♀) | II 45.6 (Mean) |
| 17. Sternal End of Ribs | 54-64 |
| 18. Cranial Suture Closure | fixed + almost entirely obliterated |
| 19. Ilium Auricular Surface | 40-44 |
| 20. Degenerative Joint Disease | |
| 21. Comments | ossified thyroid + tracheal cartilage
Manubrium fused to sternal body |

Sexing

Skull

- | | |
|---|--------|
| 22. Supraorbital Ridges | NP |
| 23. Mastoid Processes | Male |
| 24. Posterior Zygomatic Arch | Male |
| 25. Nuchal Crest/Occipital Protuberance | Female |
| 26. Anterior Mandible | Male |
| 27. Orbital Rims | NP |

Pelvis

28. Sciatic Notch

Person Date

29. Subpubic Angle

Date

30. Subpubic Concavity

Date

31. Ischio-Pubic Ramus

Date

32. Ventral Arc

Date

33. Preauricular Sulcus

Date

34. Obturator Foramen

Date

35. Pelvic Brim

Date

36. Acetabulum

Date

37. Ilium Auricular Surface

Date

Sacrum

38. Segments

L5 fused to S1

39. Morphology

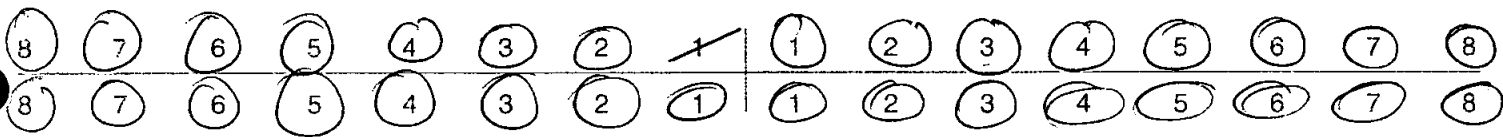
Date

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present



41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Left

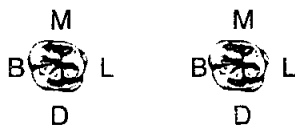
Right

Maxilla

Left

Right

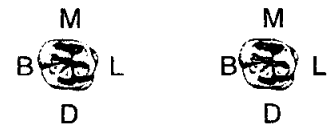
M1



M2

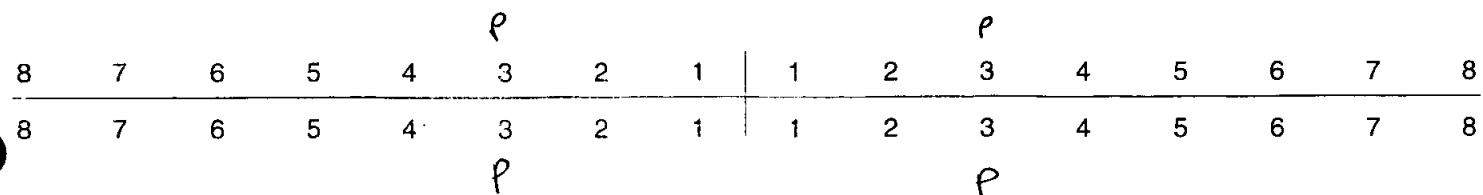


M3



43. Dental Hypoplasia

P = Pit L = Line G = Groove



44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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

ME_{D,B}
ME_{PB}
SB
SM
SL
MEB
ME_L
ME_L
ME_L
SB
SB

45. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occlusal	.....
Mesial	.....
Distal	.....
Buccal / Labial	.....
Lingual	.....
Multiple	.....

47. Abscess

Internal Drain	.....
External Drain	.....

48. Dental Anomalies

I2 located unmed. posterior to.....
I3 + rotated Mesially.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 45	R 45.7
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 79.8	R 78.7
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 43.8	R 47.2 - pathological alteration of Jt. Surf
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 22.6	R 24.8
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 28.8	R 36.5
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 152	R 155

50. Cranial Non-metrics

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	L = P, R = A
Palatine Torus	A
Metopism	NP
Lambdoid Ossicle	R + L = P
Coronal Ossicle	R + L = A
Epipteric Bone	R + L = A
Ossicle at Asterion	R + L = A
Parietal Notch Bone	R + L = A
Fronto-temporo Articulation	R + L = A
Parietal Foramen	R + L = P
Access Infraorb. For	NP
Zygomat. Facial. For	NP
Frontal. For	NP
Foramen of Huschke	R + L = A
Auditory Torus	R + L = A
Mandibular Torus	R + L = A
Torus Maxillares	2 → R + L = A
Precondylar Tubercle	A
Foramen Ovale	R + L = A
Supra-Orbital Foramen	2 → NP
Postcondylar facet	R = P L = A
Foramen Spinosum	2 → R + L = P
Posterior Cond. Canal	L = P R = A
Condylar Facet	Single
Mastoid Foramen	2 → R + L = A
Ant. Ethmoid Foramen	NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	Single

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51. Humerus

	unsided	left	right
sepal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		A	A

Atlas

facet form double/single		A	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		C6	C6

Pelvis

accessory facets		P	A
------------------	--	---	---

Sacrum

accessory facets		A	✓A
spina bifida occulta		A	A

Femur

allen's fossa		A	A
polirier's facet		A	✗A
plaque		P	P
third trochanter		A	A
hypotrochanteric fossa		A	A
exostois in trochanteric fossa		P	P

Patella

vastus notch		A	A
vastus fossa		↓	↓
emarginate patella		↓	↓

Tibia

Medial ^{sa} facet form double		A	A
Lateral ^{Sq} facet form single		A	A

Calcaneus

facet form double		PATHOLOGICAL	
facet form single			

888
OLR000

Skeleton Recording Sheet (Adult)

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)			—
Orbital Length (O'2)			—
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			—
Max. Cranial Breadth (B)			131
Min. Frontal Breadth (B')			—
Basion Bregma height (H')			135
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			
Nasal Height (NH')			
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			52
Palatal Breadth (G'2)			32.3
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			118
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			31
Mandibular Angle MZ			
Bigonial Breadth OoGo			101
Max. Mandibular Length			84

OLR

Skeleton Recording Sheet (Adult)

53.

left

right

Femur

FeL1 Max. L	471	471
FeL2 Obl. L		
FeD1 A-P Subtroch DI	31.2	30.2
FeD2 M-L Subtroch DI	32	30.6
FeDs Max. DI Head		
C Midshaft Circ.		
FeEI Bicond Width		

Tibia

TiL1 Max. L	377	377
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	35.4	32.9
TiD2 M-L DI. Nut. For	24.8	26.3

Fibula

FIL1 Max. L	—	371
-------------	---	-----

Humerus

HuL1 Max. L	319	331
HuD5 Max. DI Head		
HC Midshaft Circ		

Radius

RaL1 Max. L	244	—
-------------	-----	---

Ulna

UiL1 Max. L	258	—
-------------	-----	---

Clavicle

CiL1 Max. L		
-------------	--	--

54.

left

right

Scapula

GC2 Glen. Cav. L

41.7

GC2 Glen. Cav. B

47.4

Atlas

Max. Internal width

29.2

Sternum

SL Max. L. Body

LS fused onto S1

ML max. L. Manbrium

- entire lg 120

Sacrum

SacL Max. L

Manubrium fused to Sternum

SacB Max. B

- entire lg = 155

Indices

Cranial

Height/Length

1

Height/Breadth

Nasal

Upper Facial

Foramina *Nasal*

Palatal

Orbital

Mean Porion Height

62.11

Post Cranial

Platymeric

97.5

98.7

Platycnemic

70.0

79.9

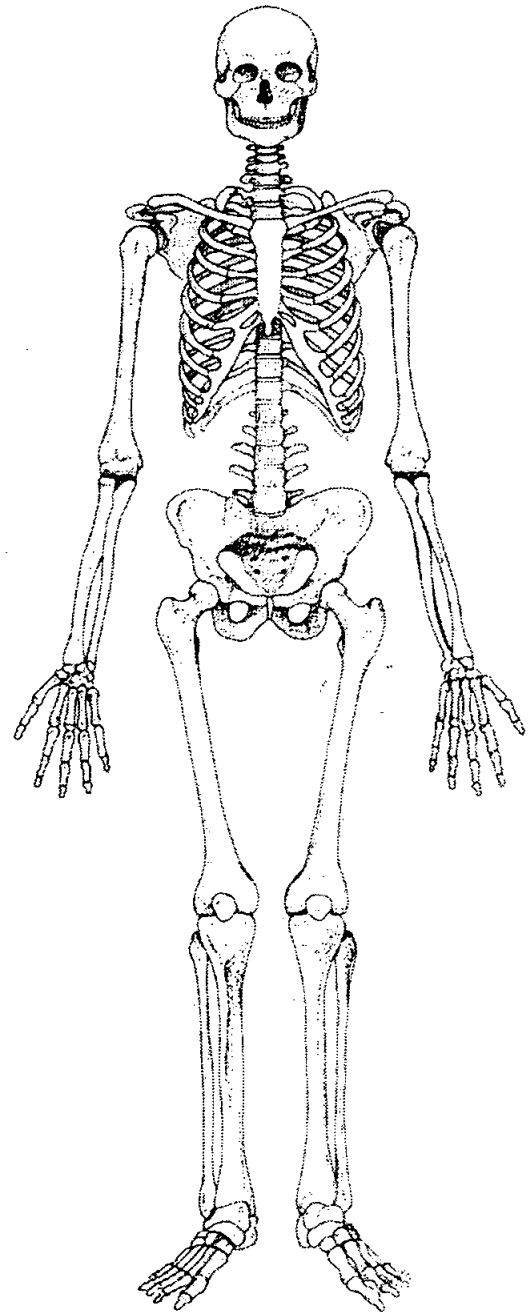
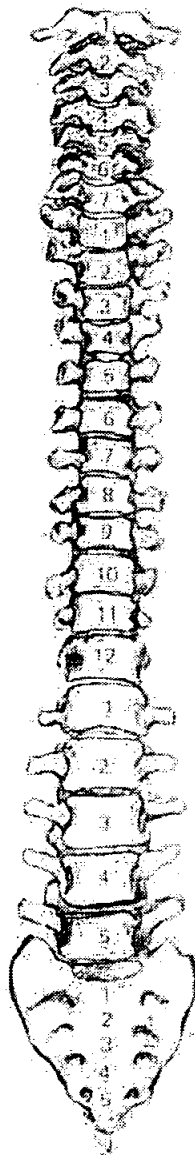
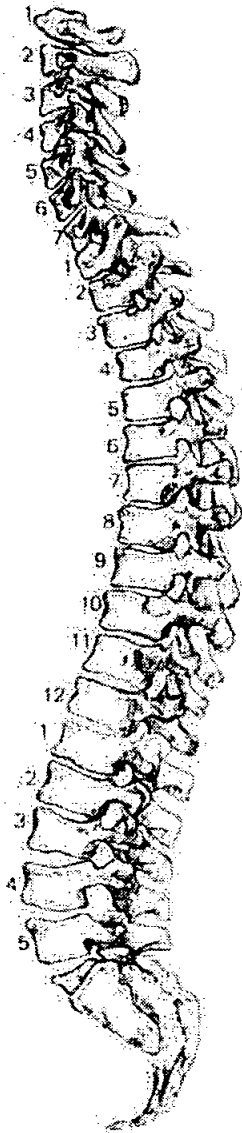
Radio-Humeral

76.5

Robusticity

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55. Pathological Distribution



56. Pathological Description

R. foot = all tarsal bones fused + cuneiforms = mal-aligned
superior → inferior row, rather than medio lateral,
causing anterior part of foot to be inverted +
pointing in. Could be club foot, or post traumatic.
2° arthritic ++ has fused all tarsals. Talus +
Calcaneus = in normal alignment. Proximal surfaces of
1st, 2nd + 3rd Metatarsals - severe DJD
DJD - severe L Calcaneus anterior facets.
Severe DJD R. ~~scap~~ shoulder - flattening of prox humeral
Su. o.p.s + eburation Glenoid cavity widened, o.p.s + po!
+ eburation
Sacralization L5

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB		✓								
C3	OP PO SN EB	✓	✓								
C4	OP PO SN EB	✓	✓								
C5	OP PO SN EB		✓								
C6	OP PO SN EB										
C7	OP PO SN EB	✓	✓								
T1	OP PO SN EB	✓	✓								
T2	OP PO SN EB	✓ slight									
T3	OP PO SN EB	scribble	scribble								
T4	OP PO SN EB										
T5	OP PO SN EB										
T6	OP PO SN EB										
T7	OP PO SN EB										
T8	OP PO SN EB										
T9	OP PO SN EB	✓	✓			✓				✓	
T10	OP PO SN EB	✓	✓			✓					
T11	OP PO SN EB	✓	✓				✓				✓
T12	OP PO SN EB	✓	✓								
L1	OP PO SN EB		✓								
L2	OP PO SN EB	✓	✓								
L3	OP PO SN EB		✓								
L4	OP PO SN EB										
L5	OP PO SN EB	✓ need to	SI								

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

1. Site Name OLR 00

2. Date of Record 05 02 01

3. Period P-M

4. Skeleton Number 890

5. Age 54-64

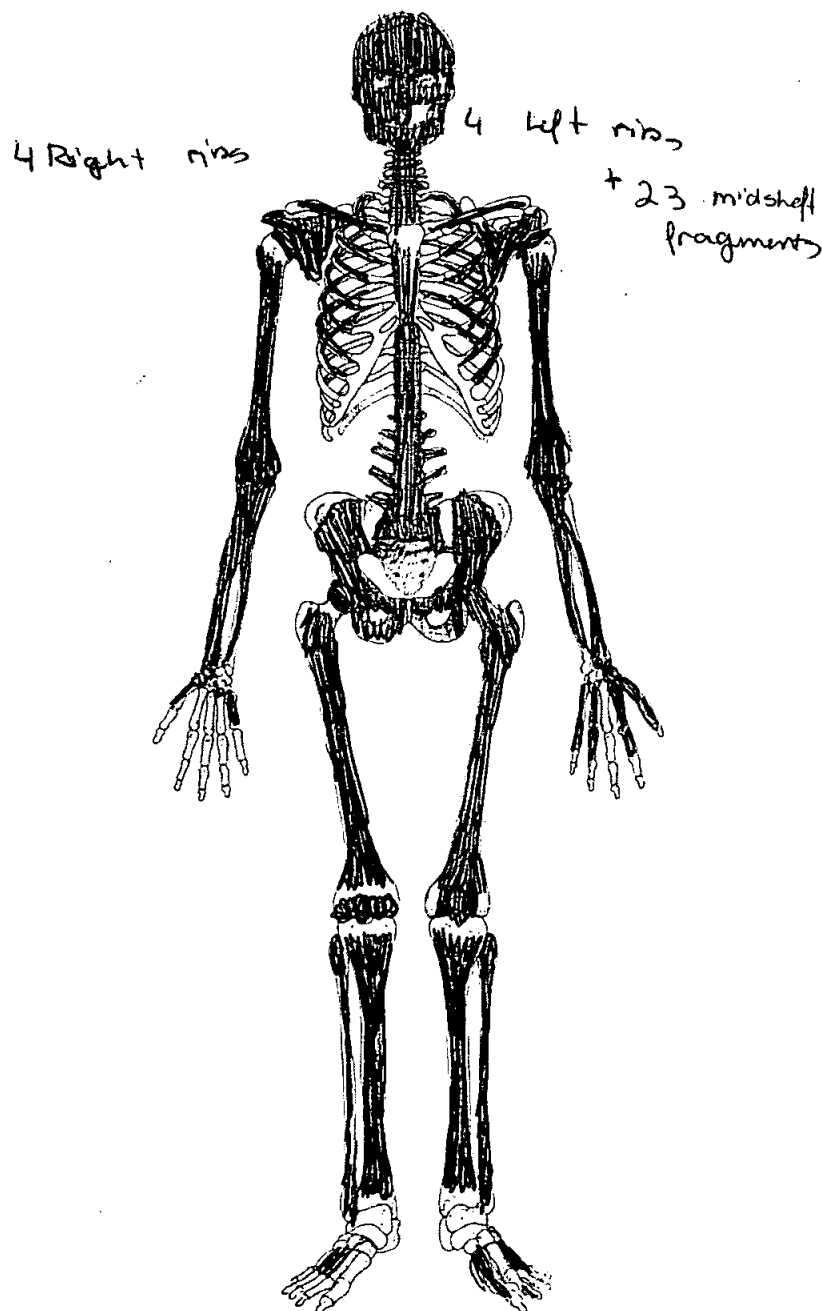
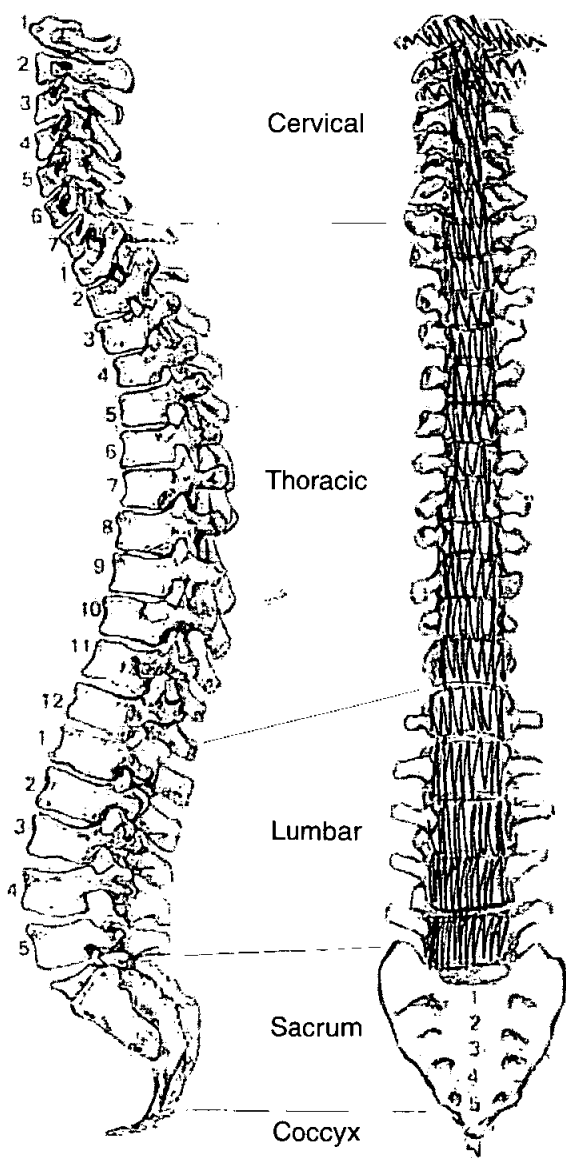
6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified

7. Stature 164.06 ± 4.32 cm

8. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor ☐ Destroyed

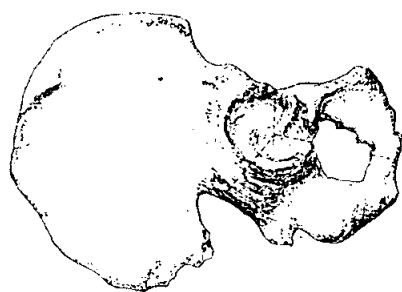
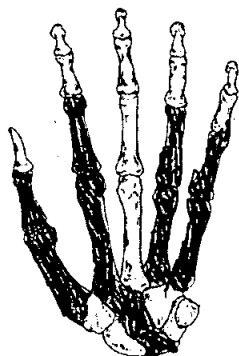
9. Summary of Pathological Conditions
Inferior subluxation of left humeral head + osteoarthritis, traumatic in origin?
DJD - spine, left clavicle, right glenoid fossa
Dental disease

10. Diagram of Bones Present 1

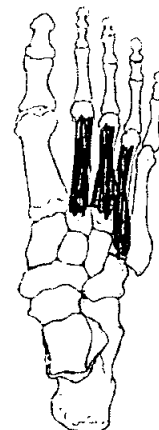
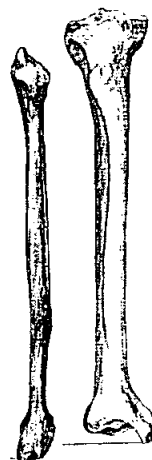
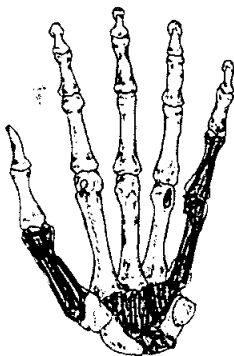


11. Diagram of Bones Present 2

L



R



Adult Age Estimation

13. Epiphyseal Fusion

Fused (+28)

14. Dental Eruption and Development

15. Dental Attrition

no molars

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

Phase 7: 54.3 - 64.1 years old

18. Cranial Suture Closure

19. Ilium Auricular Surface

~~55-63~~ 55-63

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

M

23. Mastoid Processes

M?

24. Posterior Zygomatic Arch

M

25. Nuchal Crest/Occipital Protuberance

M

26. Anterior Mandible

M

27. Orbital Rims

M

Pelvis

28. Sciatic Notch

M

29. Subpubic Angle

M

30. Subpubic Concavity

F?

31. Ischio-Pubic Ramus

L

32. Ventral Arc

L

33. Preauricular Sulcus

M

34. Obturator Foramen

M

35. Pelvic Brim

—

36. Acetabulum

M

37. Ilium Auricular Surface

M

Sacrum

38. Segments

39. Morphology

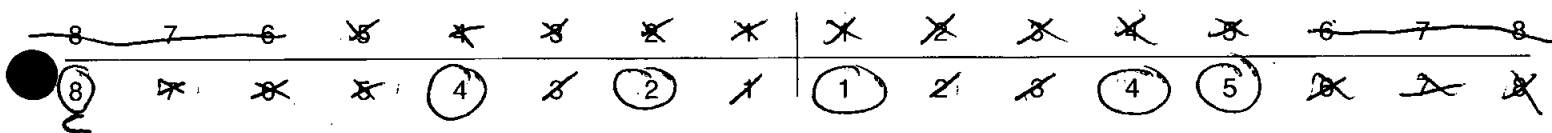
Sternum

OLR 890

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
 R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
 - = Jaw Not Present



41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Left

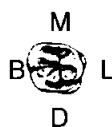
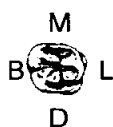
Right

Maxilla

Left

Right

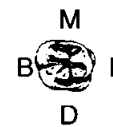
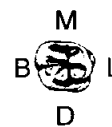
M1



M2



M3



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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

45. Periodontal Disease (Brothwell 1981)

S = Slight

M = medium - Mandibular teeth

C = Considerable

46. Caries (Lukacs 1989)

Small

Medium

Large

Occlusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

Small	Medium	Large
		81

47. Abscess

Internal Drain

External Drain

48. Dental Anomalies

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 44.84	R —
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L —	R 29.82
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R —

A = Absent, P = Present, NO = Trait not observable,
NP = Bone not present

50. Cranial Non-metrics

Highest Nuchal Line	A
Ossicle at Lambda	P
Bregmatic Bone	A
Access. Lesser Pal. For	NP
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	L = P, R = A
Coronal Ossicle	A
Epipteric Bone	L + R = A
Ossicle at Asterion	L + R = A
Parietal Notch Bone	L + R = A
Fronto-temporo Articulation	L + R = A
Parietal Foramen	L = A, R = P
Access Infraorb. For	L + R = NP
Zygomat. Facial. For	L + R = P (present)
Frontal. For	R = P, L = A
Foramen of Huschke	L + R = A
Auditory Torus	L + R = A
Mandibular Torus	L + R = A
Torus Maxillares	L + R = NP
Precondylar Tubercle	P
Foramen Ovale	R = P (incomplete), L = A (complete)
Supra-Orbital Foramen	L + R = A (Notches)
Postcondylar facet	L + R = A
Foramen Spinosum	L + R = A
Posterior Cond. Canal	L + R = A
Condylar Facet	L + R = A (single)
Mastoid Foramen	L + R = P (extrasutural)
Ant. Ethmoid Foramen	R = P, L = NP
Post. Ethmoid Foramen	R = P, L = NP
Anterior Condylar Canal	L + R = A (single)

A = Absent, P = Present
NP = Bone not present

**Skeleton Recording Sheet
(Adult)**

890
OLRdb

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		P	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		NP	NP

Atlas

facet form double/single		Double	single
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		NP	NP
spina bifida occulta		NP	NP

Femur

allen's fossa		A	NP
polirier's facet		A	NP
plaque		A	NP
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		P	NP

Patella

vastus notch		A	A
vastus fossa		A	A
emarginate patella		A	A

Tibia

facet form double		NP	NP
facet form single		NP	NP

Calcaneus

facet form double		NP	NP
facet form single		NP	NP

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)		39.98	
Orbital Length (O'2)		40.46	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			198
Max. Cranial Breadth (B)			143
Min. Frontal Breadth (B')			108
Basion Bregma height (H')			133.5
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			—
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			—
Bizygomatic Breadth (J)			—
Nasal Height (NH')			—
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			—
Palatal Breadth (G'2)			—
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			—
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			33.7
Mandibular Angle MZ			
Bigonial Breadth OoGo			111.58
Max. Mandibular Length			—

53.

left

right

Femur

FeL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
FeL2 Obl. L	<input type="text"/>	<input type="text"/>
FeD1 A-P Subtroch DI	<input type="text" value="29.92"/>	<input type="text" value="29.52"/>
FeD2 M-L Subtroch DI	<input type="text" value="30.32"/>	<input type="text" value="32.2"/>
FeDs Max. DI Head	<input type="text"/>	<input type="text"/>
C Midshaft Circ.	<input type="text"/>	<input type="text"/>
FeEI Bicond Width	<input type="text"/>	<input type="text"/>

Tibia

TiL1 Max. L	<input type="text"/>	<input type="text"/>
TiB1 Bicond Width	<input type="text"/>	<input type="text"/>
TiD1 A-P DI. Nut. For	<input type="text" value="34.18"/>	<input type="text" value="33.74"/>
TiD2 M-L DI. Nut. For	<input type="text" value="25.14"/>	<input type="text" value="24.64"/>

Fibula

FiL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
-------------	--------------------------------	--------------------------------

Humerus

HuL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
HuD5 Max. DI Head	<input type="text"/>	<input type="text"/>
HC Midshaft Circ	<input type="text"/>	<input type="text"/>

Radius

RaL1 Max. L	<input type="text" value="—"/>	<input type="text" value="225"/>
-------------	--------------------------------	----------------------------------

Ulna

UiL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
-------------	--------------------------------	--------------------------------

Clavicle

CiL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
-------------	--------------------------------	--------------------------------

54.

left

right

Scapula

GC2 Glen. Cav. L

GC2 Glen. Cav. B

39.42

29.82

Atlas

Max. Internal width (M-L)

25.68

Sternum

SL Max. L. Body

ML max. L. Manbrium

95.3

Sacrum

SacL Max. L

SacB Max. B

—

—

Indices

Cranial

Height/Length

Height/Breadth

67.42

93.36

Nasal

Upper Facial

~~Exraminal~~ Nasal

Palatal

Orbital

Mean Porion Height

—

—

—

—

—

101.2

Post Cranial

Platymetric

Platycnemic

Radio-Humeral

Robusticity

98.68

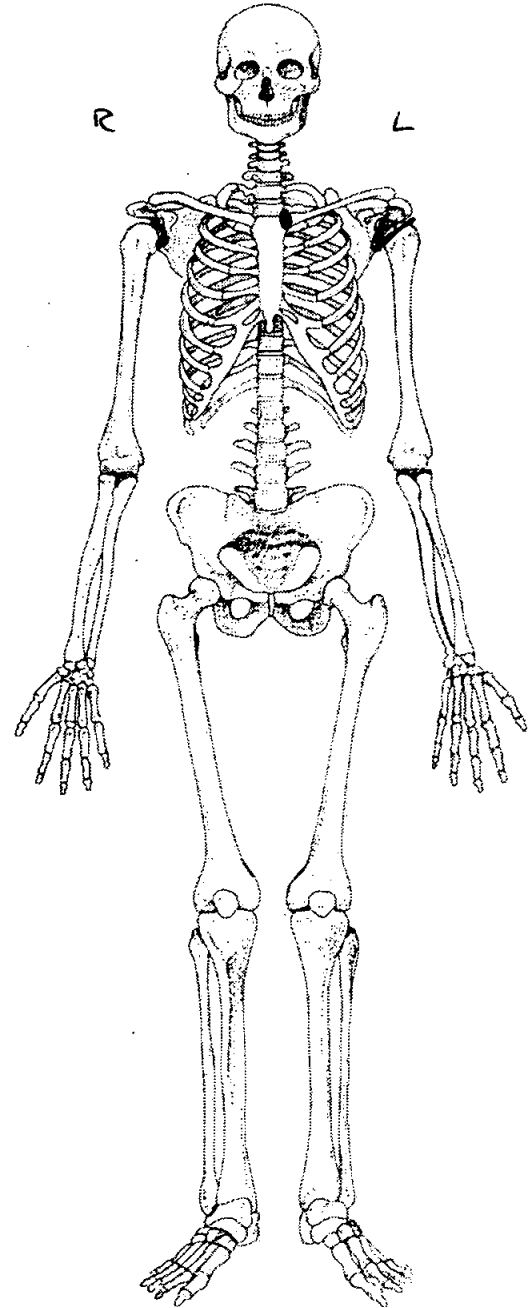
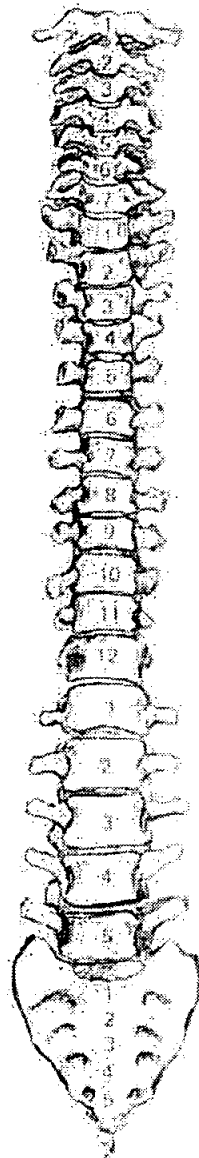
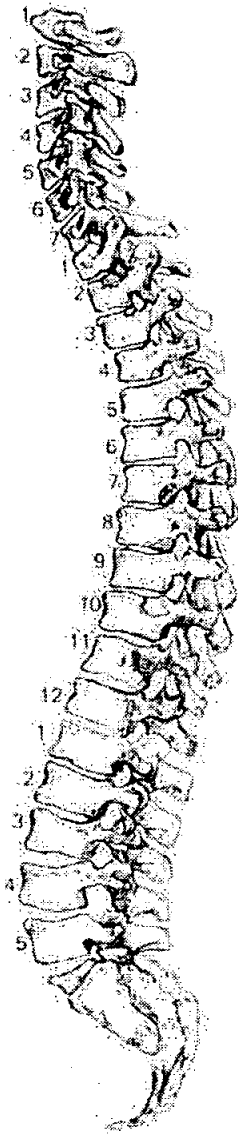
73.55

91.68

73.03

8900LR00

55. Pathological Distribution



56. Pathological Description

- *the left glenoid fossa is destroyed & a large notch is present extending from the coracoid process to ~~inferiorly~~ inferiorly to the glenoid cavity approx. 1/3 of the proximal end of the lateral border of the blade. The abnormal morphology was caused by an ~~an~~ subluxation, in which the humerus was dislocated inferiorly. The area of the surface forming the joint capsule is sclerotic & the sclerotic area extends to the coracoid process & as well as the base of the acromion. The head of the humerus is also sclerotic. The lesion ~~is~~ is longstanding & is probably traumatic in origin (see extra notes for drawing)
- *Sternal end of left clavicle - porosity present - DJD
- *Right glenoid fossa: The cavity is surrounded by a rim of osteophyte formations - DJD

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB		OP								
C3	OP PO SN EB	PO OP									
C4	OP PO SN EB	PO OP									
C5	OP PO SN EB		OP								
C6	OP PO SN EB		OP								
C7	OP PO SN EB	PO	(NP)	OP	OP PO						
T1	OP PO SN EB	OP PO	(NP)	OP	OP	(NP)	(NP)		OP	(NP)	(NP)
T2	OP PO SN EB	(NP)	(NP)	OP		(NP)	(NP)			(NP)	(NP)
T3	OP PO SN EB	PO OP	PO OP			(NP)			OP PO	(NP)	
T4	OP PO SN EB	PO OP	PO OP		OP PO	(NP)		OP PO	OP PO	(NP)	
T5	OP PO SN EB	PO OP	PO OP	OP		(NP)		(NP)	(NP)	(NP)	
T6	OP PO SN EB	PO OP	PO OP	OP	OP	(NP)		OP PO	OP	(NP)	
T7	OP PO SN EB	OP	OP PO	(NP)	(NP)	(NP)	PO		(NP)	(NP)	PO
T8	OP PO SN EB	OP PO	OP PO	OP	(NP)	(NP)	PO		(NP)	(NP)	PO
T9	OP PO SN EB	OP	OP	(NP)	OP	(NP)	PO			(NP)	PO OP
T10	OP PO SN EB	OP	OP		OP	(NP)				(NP)	
T11	OP PO SN EB	OP	OP	NP		(NP)				(NP)	PO
T12	OP PO SN EB	OP	OP PO				PO				PO
L1	OP PO SN EB	OP PO	OP PO	OP	OP			OP	OP		
L2	OP PO SN EB	OP PO SN	OP PO	OP	OP			OP	OP		
L3	OP PO SN EB	OP PO	OP PO	OP	OP			OP	OP		
L4	OP PO SN EB	(NP)	(NP)	OP	OP			OP	OP		
L5	OP PO SN EB	OP PO SN	OP PO	OP	OP			OP	OP		

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

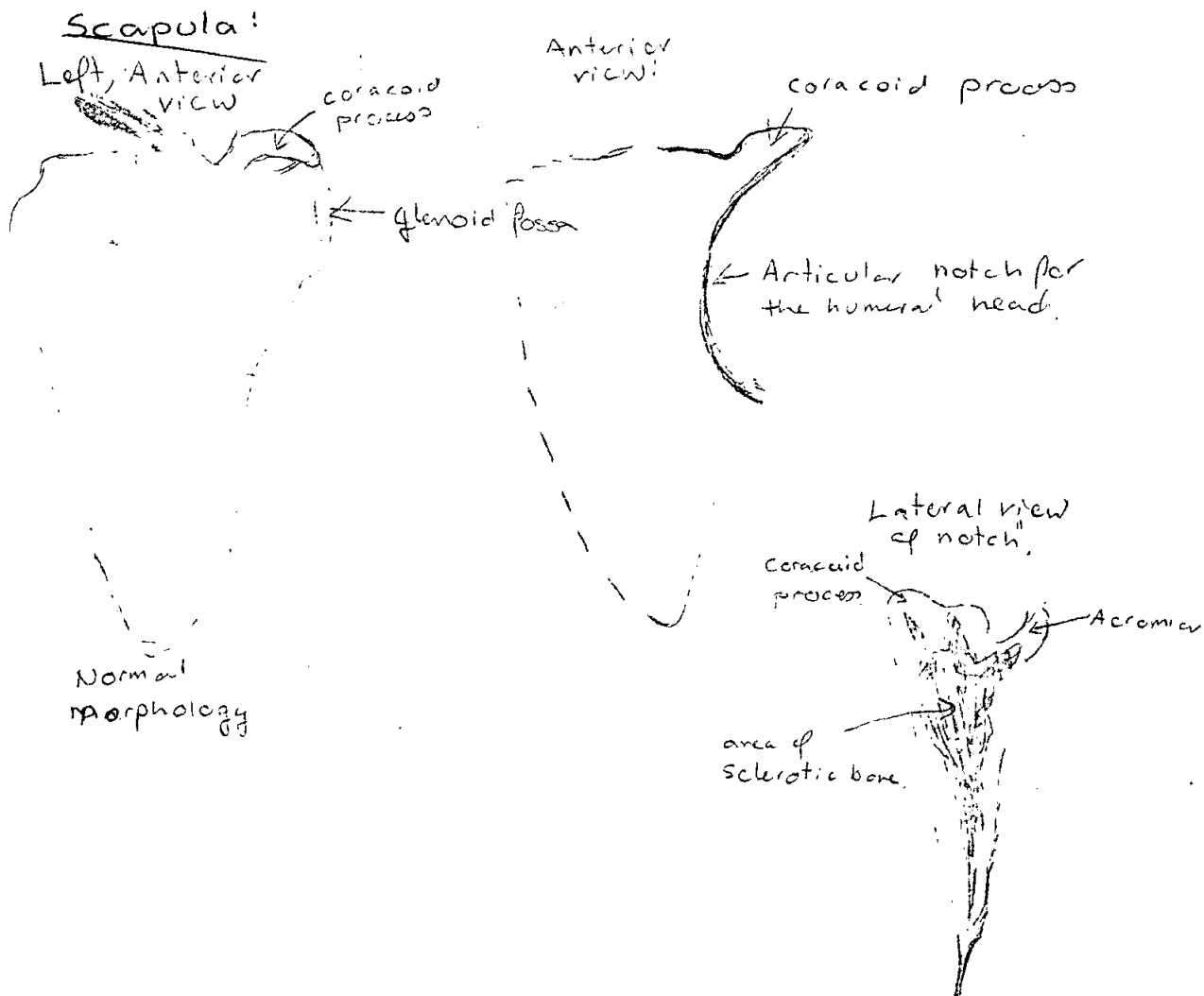
9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

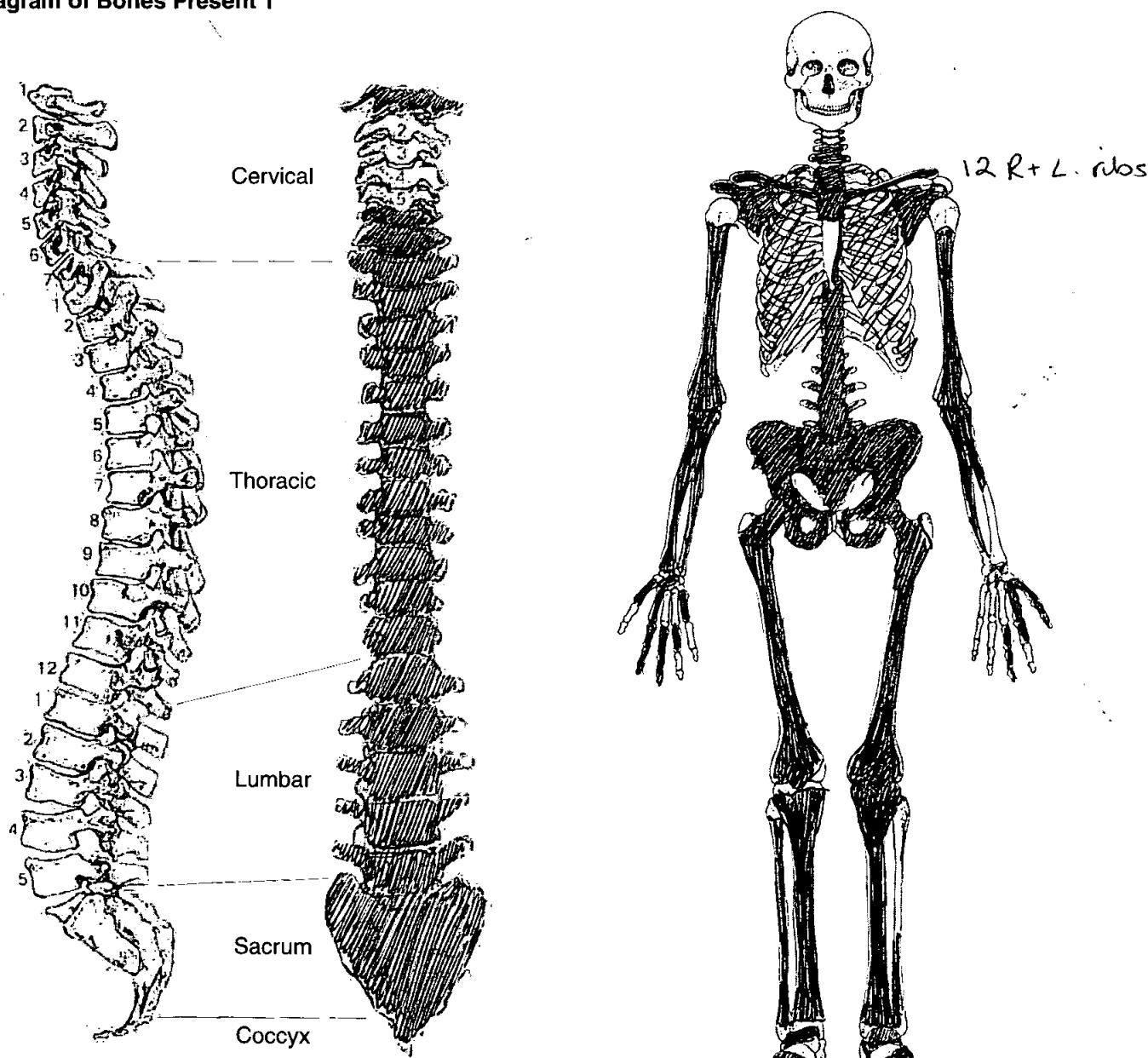
Spinal osteophytes are;

T 8-11 = medium & slight all other bodies.



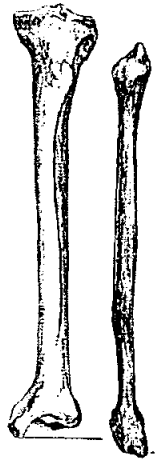
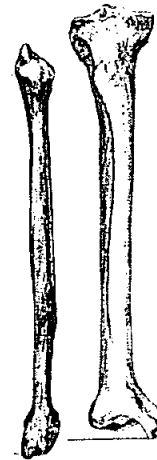
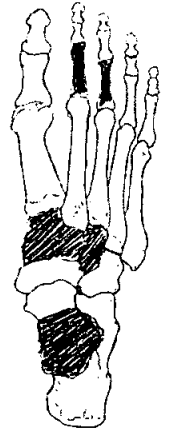
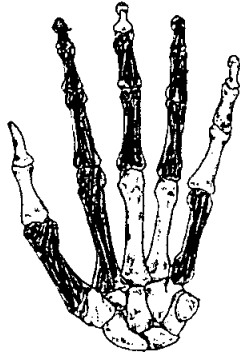
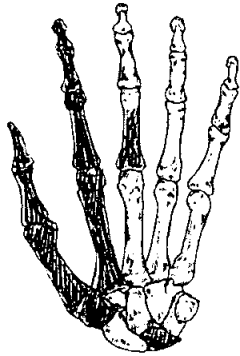
1. Site Name OLR 00
2. Date of Record 18 02 01
3. Period P-M
4. Skeleton Number 895 5. Age 50 +
6. Sex (tick one) ☐ Male ☒ Female ☐ Unidentified
7. Stature 156.34 ± 3.55 cm
8. Preservation (tick one) ☐ Excellent ☒ Good ☐ Poor ☐ Destroyed
9. Summary of Pathological Conditions Good preservation of fingers/toe nails
SJD - Severe in ~~thoracic~~ cervical region; DJD - Severe R + L wrist/
hand; Slight in R + L hips; L knee; Periostitis + osteitis R
tibia + fibula plus traumatic injury + enthesiopathy

10. Diagram of Bones Present 1



58
22
36

11. Diagram of Bones Present 2



Adult Age Estimation

- | | |
|-------------------------------------|---|
| 13. Epiphyseal Fusion | 25 - 28 ⁺ |
| 14. Dental Eruption and Development | NP |
| 15. Dental Attrition | NP |
| 16. Pubic Symphyses | |
| a. Todd (♂ & ♀) | X 50 ⁺ |
| b. McKern & Stewart (♂) | |
| c. Gilbert and McKern (♀) | |
| d. Suchey Brooks (♂ & ♀) | eroded but IV or V |
| 17. Sternal End of Ribs | 59 - 71 |
| 18. Cranial Suture Closure | |
| 19. Ilium Auricular Surface | 50 - 60 |
| 20. Degenerative Joint Disease | Severe SJD = lower cervical verte
+ DJD in R + L hands |
| 21. Comments | Xiphoid fused to sternum |

Sexing

Skull

- | | |
|---|----|
| 22. Supraorbital Ridges | NP |
| 23. Mastoid Processes | |
| 24. Posterior Zygomatic Arch | |
| 25. Nuchal Crest/Occipital Protuberance | |
| 26. Anterior Mandible | |
| 27. Orbital Rims | |

Pelvis

28. Sciatic Notch

female

29. Subpubic Angle

female

30. Subpubic Concavity

female

31. Ischio-Pubic Ramus

female

32. Ventral Arc

female

33. Preauricular Sulcus

female - large

34. Obturator Foramen

female

35. Pelvic Brim

female

36. Acetabulum

female

37. Ilium Auricular Surface

female

Sacrum

38. Segments

female

39. Morphology

female

Sternum

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 45.2	R -
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L -	R -
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L -	R -
Radius Head Diameter >23mm = ♂, <21mm = ♀	L -	R -
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 25.2	R 25.5
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 129.4	R 131.4

50. Cranial Non-metrics

Highest Nuchal Line	.....
Ossicle at Lambda	.....
Bregmatic Bone	.....
Access. Lesser Pal. For	.....
Palatine Torus	.....
Metopism	.....
Lambdoid Ossicle	.....
Coronal Ossicle	.....
Epipteric Bone	.....
Ossicle at Asterion	.....
Parietal Notch Bone	.....
Fronto-temporo Articulation	.....
Parietal Foramen	.....
Access Infraorb. For	.....
Zygomat. Facial. For	.....
Frontal. For	.....
Foramen of Huschke	.....
Auditory Torus	.....
Mandibular Torus	.....
Torus Maxillares	.....
Precondylar Tubercle	.....
Foramen Ovale	.....
Supra-Orbital Foramen	.....
Postcondylar facet	.....
Foramen Spinosum	.....
Posterior Cond. Canal	.....
Condylar Facet	.....
Mastoid Foramen	.....
Ant. Ethmoid Foramen	.....
Post. Ethmoid Foramen	.....
Anterior Condylar Canal	.....

DLR 98

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		NP	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		NP	A

Atlas

facet form double /single		P	P
lateral bridge		A	A
posterior bridge		P	P
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		A	A
spina bifida occulta		A	A

Femur

allen's fossa		A	P
polirier's facet		A	A
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		P	P
exostoils in trochanteric fossa		P	P

Patella

vastus notch		A	A
vastus fossa			
emarginate patella		✓	✓

Tibia

Med. facet form double		A	NP
Lateral facet form single		P	NP

Calcaneus

facet form double		P	NP
facet form single		A	NP

53.

left

right

Femur

FeL1 Max. L

42.1

41.7

FeL2 Obl. L

FeD1 A-P Subtroch DI

26.4

27

FeD2 M-L Subtroch DI

33.6

33.1

FeDs Max. DI Head

C Midshaft Circ.

FeEI Bicond Width

Tibia

TiL1 Max. L

32.1

TiB1 Bicond Width

TiD1 A-P DI. Nut. For

30.4

29.4

TiD2 M-L DI. Nut. For

21.9

21.6

Fibula

FiL1 Max. L

Humerus

HuL1 Max. L

HuD5 Max. DI Head

HC Midshaft Circ

Radius

RaL1 Max. L

Ulna

UiL1 Max. L

220

Clavicle

CiL1 Max. L

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

36.4

36

Atlas

Max. Internal width

28.7

Sternum

SL Max. L. Body
ML max. L. Manbrium

Sacrum

SacL Max. L
SacB Max. B

101.5
112

Indices

Cranial

Height/Length
Height/Breadth

11

Nasal

Upper Facial
~~Foraminal~~ *Nasal*
Palatal
Orbital
Mean Porion Height

111

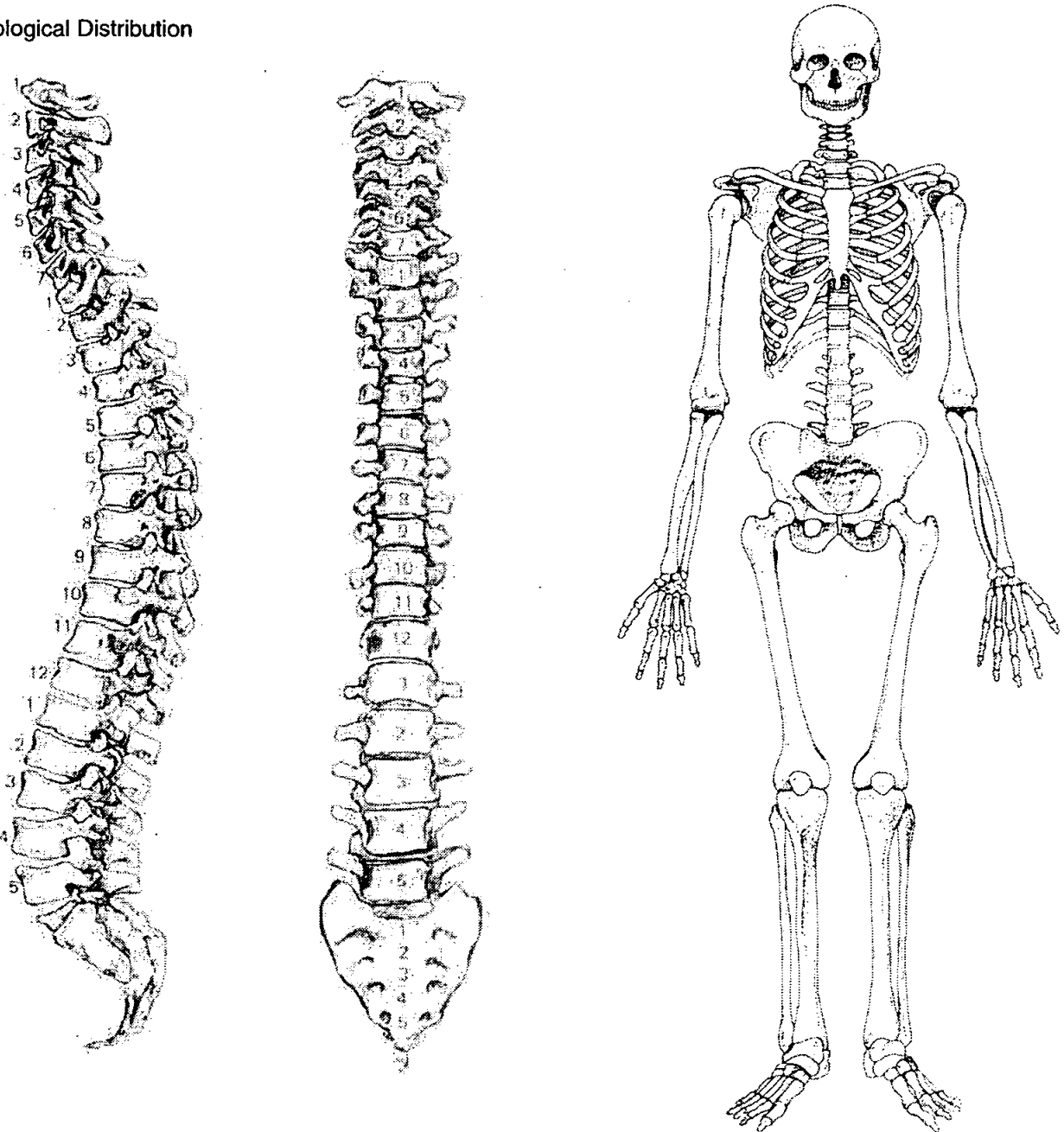
Post Cranial

Platymetric
Platycnemic
Radio-Humeral
Robusticity

78.57
72.04
—

81.57
73.47
—

55. Pathological Distribution



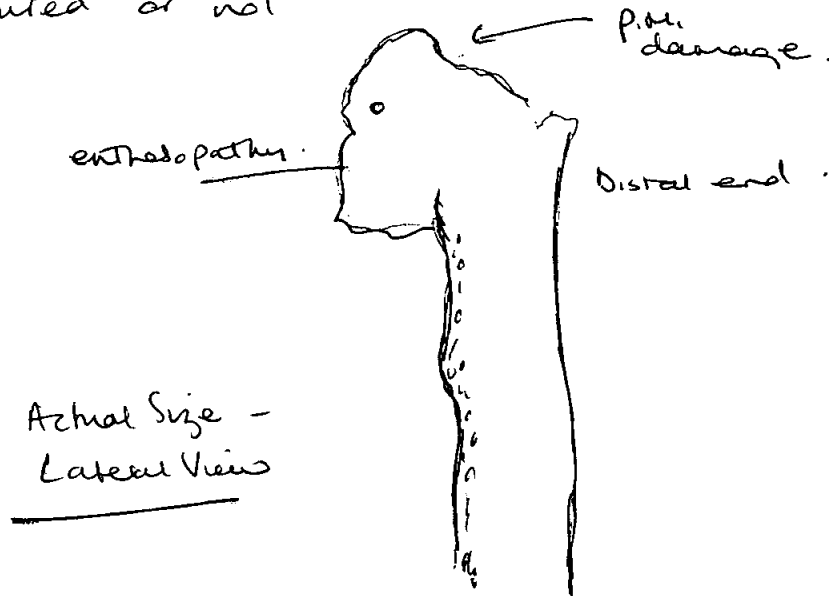
56. Pathological Description

Abd. SpD - Severe in C6+7
DD - L. trapezium - severe O.p.s + P.O., L. 1st MCarpal, Prox. Jr. Surface
 Severe O.p.s, P.O. + flattening of Jr. Surface Prox Jr. Surf. 1st phalanx 1st MCP =
 Slight O.p.s, distal Jr. Surf = S.V. O.p.s, slight P.O. + elevation, distal phalanx
 Abd. O.p.s + elevation prox Surf.
 R. trapezium Severe O.p.s, P.O. + Elevation, R. 1st MCarpal, prox Jr.
 Surf - severe P.O., O.p.s + flattening of Jr. Surface Distal Jr.
 Surf also flattened, R. Scaphoid - slight O.p.s, R. 2nd MCarpal
 Abd. O.p.s + elevation distal Jr. Surf - prox phalanx prox Jr.
 Surf - Abd. O.p.s + elevation, intermed. phalanx - Abd. O.p.s
 prox Jr. Surf + dist. Jr. Surf Abd. O.p.s, slight P.O. + elevation
 Slight DD R + L traps - L. acetabulum - slight O.p.s + Abd. P.O.
 L. prox femur, slight P.O. R. acetabulum Slight O.p.s + Abd.
 P.O., R. prox femur slight P.O.

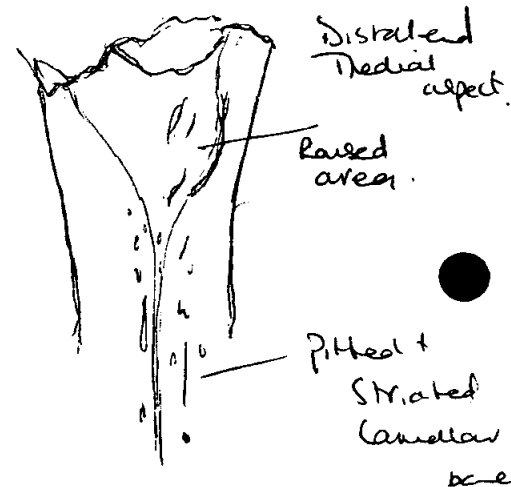
R. Tibia + Fibula - traumatic injury $\frac{1}{2}$ 2° infection.

- R. Tibia - profuse pitted + striated lamellar bone - periostitis + osteitis - Deep indentation Medial aspect. The shaft \rightarrow extending from prox shaft to distal end.

at distal end - enthesopathy extending medially, but remainder of distal end broken off p.m. So not poss to determine whether fractured or not



R. tibia - Thickening distal end of shaft Medial aspect, Corresponding $\frac{1}{4}$ above injury, + associated periostitis - Thick pitted + striated lamellar bone extending from injured area \rightarrow proximal shaft medial aspect. Again, injury obscured by p.m. damage.



57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB	✓ Dens (erect (Mod-Sev.))									
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB	✓ Severe	✓ Severe								
C7	OP PO SN EB	✓ Severe	✓ Slight								
T1	OP PO SN EB	✓ Slight	✓ Slight				✓ Mod		✓ Mod		
T2	OP PO SN EB	✓ Slight		✓ Slight				✓ Slight ✓ Mod			
T3	OP PO SN EB				✓ Mod				✓ Slight		
T4	OP PO SN EB		✓ Slight		✓ Mod				✓ Mod		
T5	OP PO SN EB	✓ Slight Mod.		✓ Slight Mod.	✓ Slight			✓ Slight Mod.	✓ Slight		
T6	OP PO SN EB	✓ Mod	✓ Mod				✓ Mod				✓ Mod
T7	OP PO SN EB	✓ Slight	✓ Slight								
T8	OP PO SN EB	✓ Slight	✓ Slight								
T9	OP PO SN EB	✓ Mod	✓ Mod Slight								
T10	OP PO SN EB	✓ Mod	✓ Mod				✓ Mod				
T11	OP PO SN EB	✓ Slight									
T12	OP PO SN EB				✓ Mod		✓ Mod		✓ Slight		✓ Mod
L1	OP PO SN EB			✓ Slight				✓ Slight			
L2	OP PO SN EB										
L3	OP PO SN EB	✓ Slight Mod.									
L4	OP PO SN EB	✓ Mod	✓ Slight						✓ Slight		
L5	OP PO SN EB		✓ Severe Mod.								

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

1. Site Name

OLR 00

2. Date of Record

05 02 01

3. Period

P-M

4. Skeleton Number

898

5. Age

45-55

6. Sex (tick one)

☒ Male

☐ Female

☐ Unidentified

7. Stature

167.47 ± 4.05 cm

8. Preservation (tick one)

☐ Excellent

☒ Good / pair

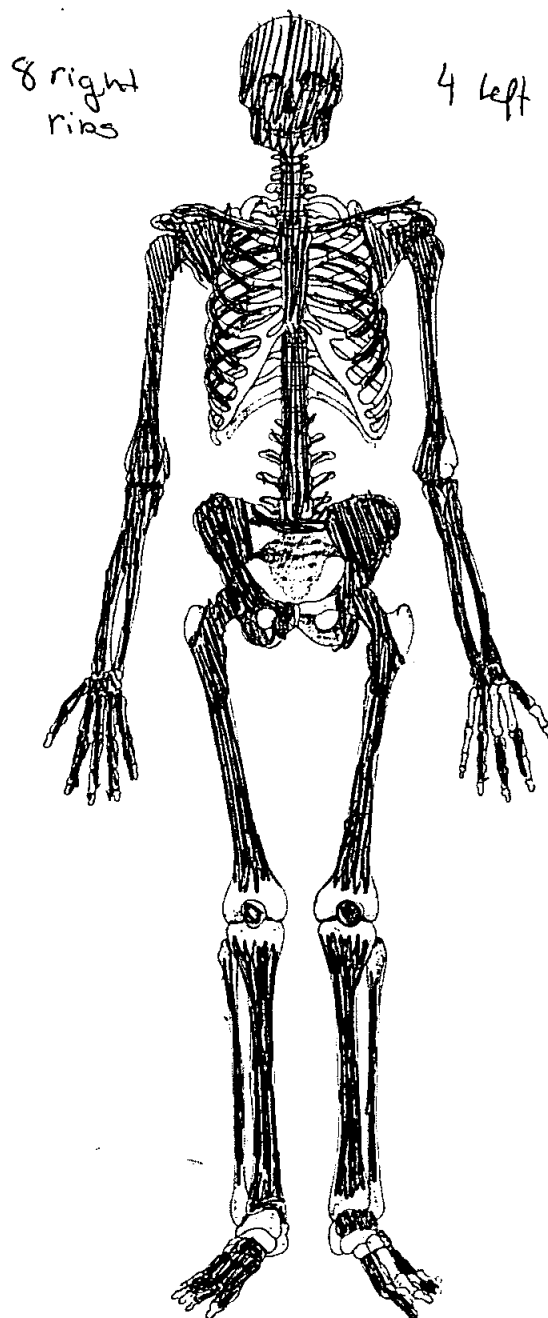
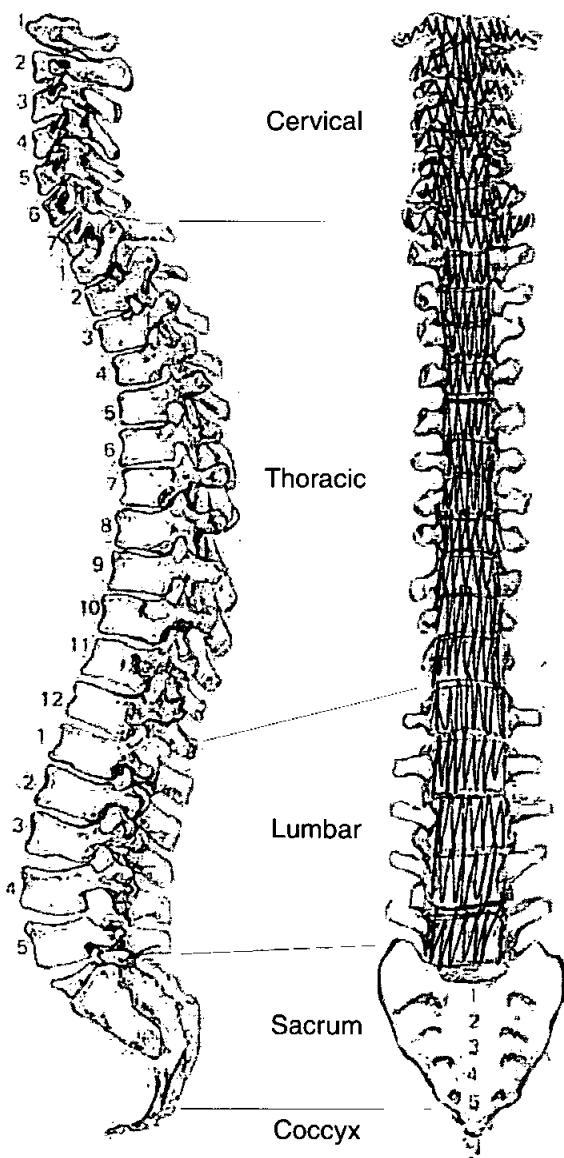
☐ Poor

☐ Destroyed

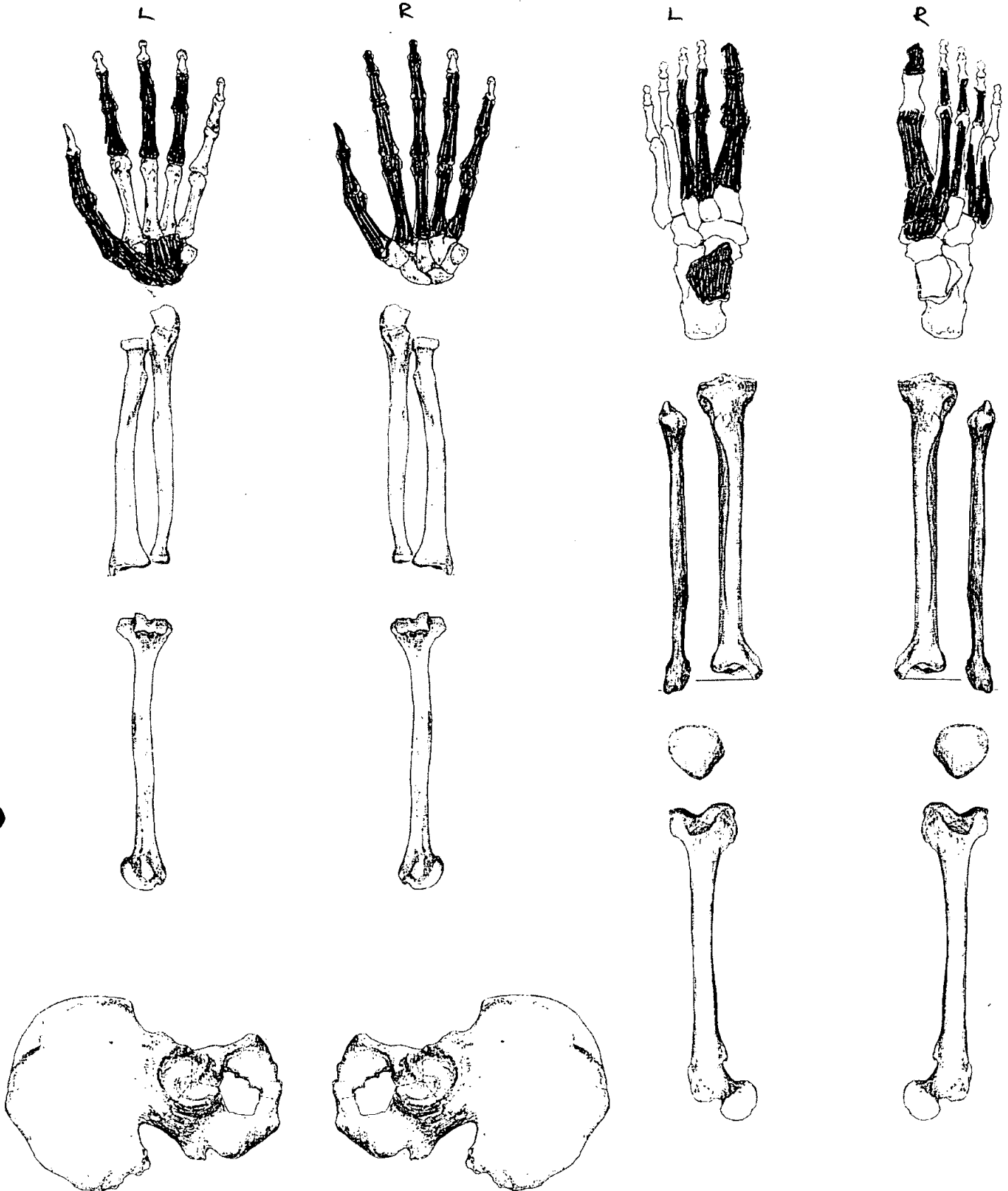
9. Summary of Pathological Conditions

Paget's disease

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

Fused +28

14. Dental Eruption and Development

—

15. Dental Attrition

No molars

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♂ stage IV mean 45.6 years

17. Sternal End of Ribs

18. Cranial Suture Closure

19. Ilium Auricular Surface

45-55

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

n

23. Mastoid Processes

M

24. Posterior Zygomatic Arch

M

25. Nuchal Crest/Occipital Protuberance

M

26. Anterior Mandible

M

27. Orbital Rims

M

Pelvis

28. Sciatic Notch

M

29. Subpubic Angle

M

30. Subpubic Concavity

M

31. Ischio-Pubic Ramus

M

32. Ventral Arc

F?

33. Preauricular Sulcus

M

34. Obturator Foramen

—

35. Pelvic Brim

M

36. Acetabulum

M?

37. Ilium Auricular Surface

F?

Sacrum

38. Segments

39. Morphology

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

NP?	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	NP?
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Left

Right

Maxilla

Left

Right

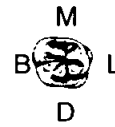
M1



M2



M3



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

A = All sides															
								S/D	S/D	S/D					
								S/D	S/D	S/D					
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

45. Periodontal Disease (Brothwell 1981)

S = Slight

M = medium - on mandible
C = Considerable - Maxilla

C = Considerable → Maxilla

46. Caries (Lukacs 1989)

Small

Medium

Large

Occusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

47. Abscess

Internal Drain

External Drain

48. Dental Anomalies

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 45.90 ~	R 46.48 ~
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 43.60 0	R 44.40 ~
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 28.10 ♂	R 28.88 ♂
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 142.30 ~	R 154.82 ♂

50. Cranial Non-metrics

A = Absent, P = Present, NP = Bone not Present

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	R+L=A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	Fused
Epipteric Bone	R+L=A
Ossicle at Asterion	R+L=A
Parietal Notch Bone	R+L=A
Fronto-temporo Articulation	R+L=A
Parietal Foramen	R+L=A
Access Infraorb. For	R+L=A
Zygomat. Facial. For	L=2, R=1
Frontal. For	R+L=A
Foramen of Huschke	R+L=A
Auditory Torus	R+L=A
Mandibular Torus	R+L=A
Torus Maxillares	R+L=A
Precondylar Tubercle	A
Foramen Ovale	R+L=A (complete)
Supra-Orbital Foramen	R+L=A (notches)
Postcondylar facet	L=A, R=A
Foramen Spinosum	R+L=P (open)
Posterior Cond. Canal	R+L=P
Condylar Facet	R+L=A (single)
Mastoid Foramen	R+L=A (sutural)
Ant. Ethmoid Foramen	R+L=A (")
Post. Ethmoid Foramen	R+L=A (")
Anterior Condylar Canal	R+L=A (single)

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		NP	Notch
acromial articular facet		P	P

Atlas

facet form double/single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen bipartite		CG	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		NP	NP
spina bifida occulta	NP		

Femur

allen's fossa		A	A
polirier's facet		A	A
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		A	A

Patella

vastus notch		A	A
vastus fossa		A	A
emarginate patella		A	A

Tibia

facet form double		NP	NP
facet form single		NP	NP

Calcaneus

facet form double		NP	NP
facet form single		NP	NP

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	38.84	38.50	
Orbital Length (O'2)	39.50	39.6	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			186
Max. Cranial Breadth (B)			143
Min. Frontal Breadth (B')			98
Basion Bregma height (H')			130.5
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			75.52
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			108.10
Nasal Height (NH')			54.60
Nasal Breadth (NB)			23.72
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			37.70
Frontal Arc (S1)			31.58
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			112
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			31.30
Mandibular Angle MZ			102
Bigonial Breadth OoGo			
Max. Mandibular Length			67

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEI Bicond Width

—
—
31.58
32.96

—
30.0
33.70

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

Fibula

FiL1 Max. L

--

--

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

315

315

Radius

RaL1 Max. L

--

240

Ulna

UiL1 Max. L

263

264

Clavicle

CiL1 Max. L

--

--

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

39.70
[]

39.10
[]

Atlas

Max. Internal width

[] 29.50 []

Sternum

SL Max. L. Body
ML max. L. Manbrium

[] 97.80 []
[] 52.20 []

Sacrum

SacL Max. L
SacB Max. B

[] — []
[] — []

Indices

Cranial

Height/Length
Height/Breadth

[] 70.16 []
[] 91.25 []

Nasal

Upper Facial
~~Foramina~~ Nasal
Palatal
Orbital
Mean Porion Height

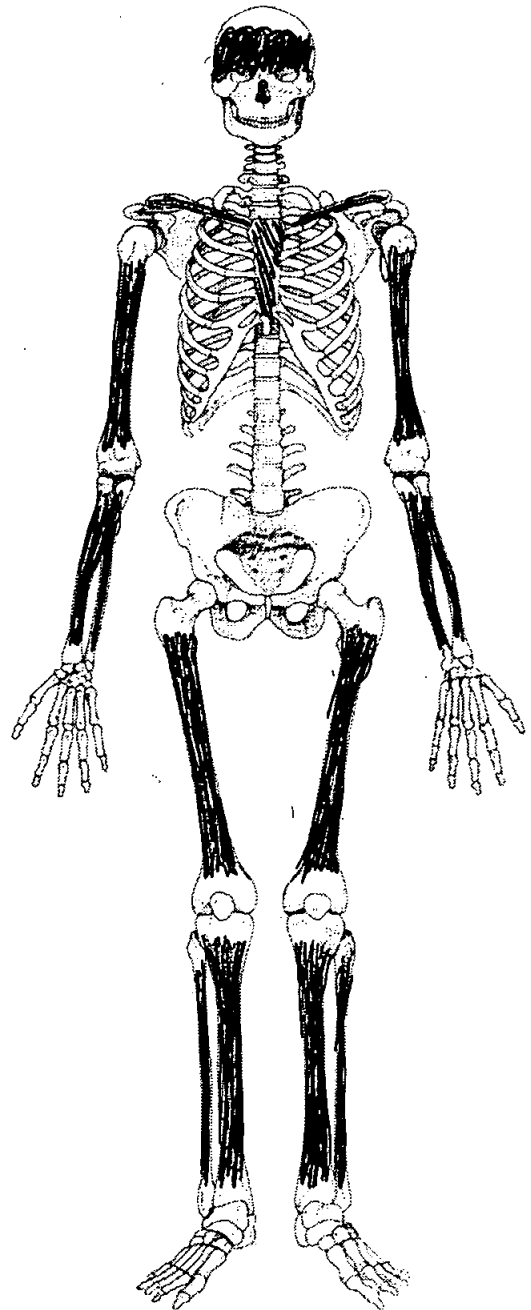
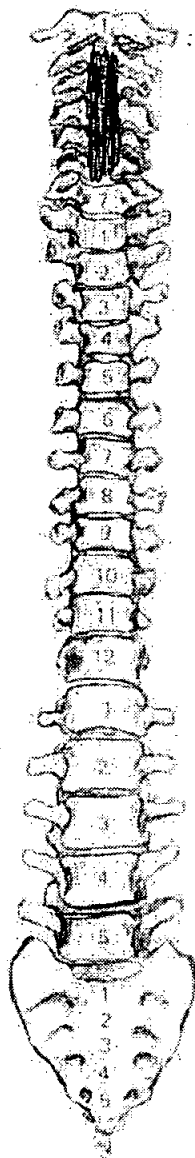
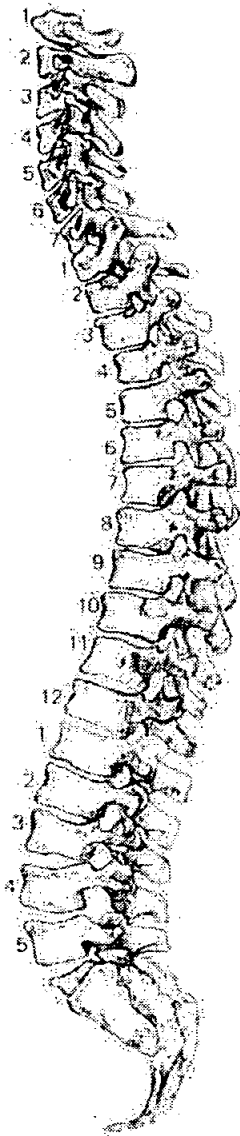
[] 69.86 []
[] 43.44 []
[] 83.77 []
[] 101.70 []
[] 102.86 []

Post Cranial

Platymeric
Platycnemic
Radio-Humeral
Robusticity

[] 95.81 []
[] — []
[] — []
[] 76.19 []

55. Pathological Distribution



56. Pathological Description

The diffuse lesions shaded on the skeleton above are all part of the same disease process.

- * The frontal bone is thickened which is clearly seen @ the supra orbital margin. * The sternum is thickened & porous with new bone formations (plaque) on the surface - the manubrium is the same. * The cervical 2-6 - on the anterior side of the body is thickened by disorganised new bone formations (plaque - is active) - all bodies C1-L5 porous.
- Right & left clavicles, ~~scapulae~~ shafts of the humeri, ulnae, radii, femora, tibiae & fibulae are thickened considerably, the shafts are porous with areas of plaque formations & spicules. The porosity is caused by hypervascularisation.
- ~~The femora~~ Thickening - caused by abnormal osteoblast activity is most prominent in the femora & tibiae in which the cortex appears sclerotic. The bones are heavier than normal. The involvement of multiple bones → one

& the thickening of the shafts due to the proliferation of new bone is consistent with Paget's disease.
No p-m fractures are present & an x-ray would have confirmed this diagnosis.

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB	PO OP	PO OP								
C4	OP PO SN EB	PO	PO OP								
C5	OP PO SN EB	PO	PO OP								
C6	OP PO SN EB	PO	PO								
C7	OP PO SN EB	PO	PO			NP	NP			NP	NP
T1	OP PO SN EB	PO	PO			NP					
T2	OP PO SN EB	PO	PO			(NP)				(NP)	
T3	OP PO SN EB	PO	PO			(NP)				(NP)	
T4	OP PO SN EB	PO	PO			(NP)				(NP)	
T5	OP PO SN EB	PO	PO			(NP)				(NP)	
T6	OP PO SN EB	PO	PO			(NP)				(NP)	
T7	OP PO SN EB	PO	PO			(NP)				(NP)	
T8	OP PO SN EB	PO	PO			(NP)				(NP)	
T9	OP PO SN EB	PO	PO			(NP)				(NP)	
T10	OP PO SN EB	PO	PO			(NP)				(NP)	
T11	OP PO SN EB	PO	PO			(NP)				(NP)	
T12	OP PO SN EB	PO	PO			(NP)				(NP)	
L1	OP PO SN EB	PO	PO	(NP)	PO						
L2	OP PO SN EB	PO	PO	PO							
L3	OP PO SN EB	PO	PO								
L4	OP PO SN EB	PO	PO								
L5	OP PO SN EB	PO	PO								

1. Site Name

OLR 06

2. Date of Record

23 02 01

3. Period

Post-Med

4. Skeleton Number

907

5. Age

AD

6. Sex (tick one)

☐ Male

☒ Female?

☒ Unidentified

18+ years

7. Stature

1.57.59 ± 3.55

8. Preservation (tick one)

☐ Excellent

☐ Good

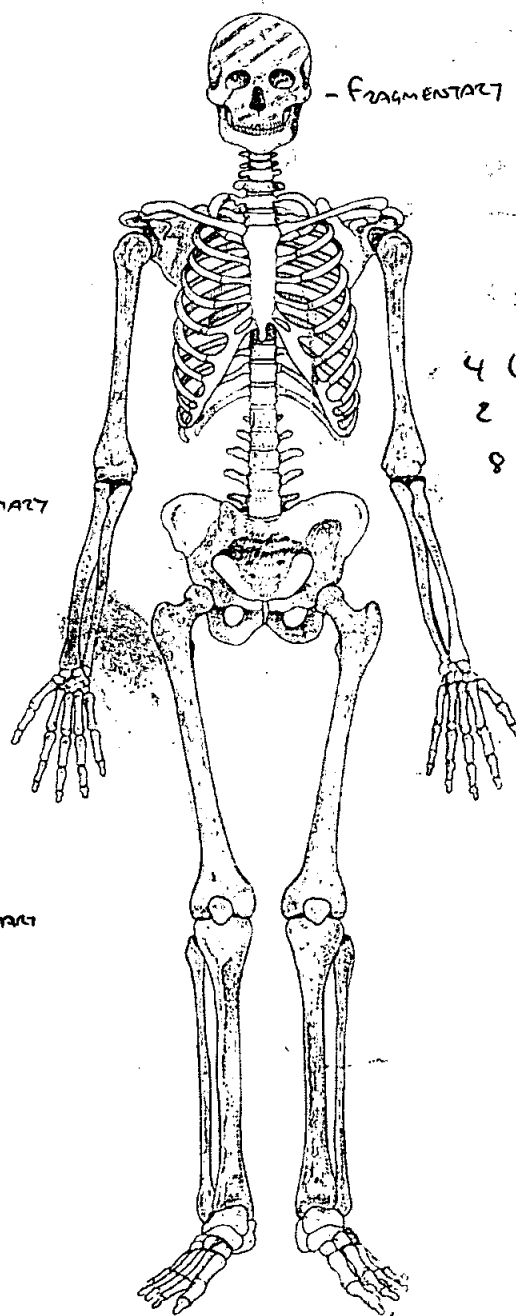
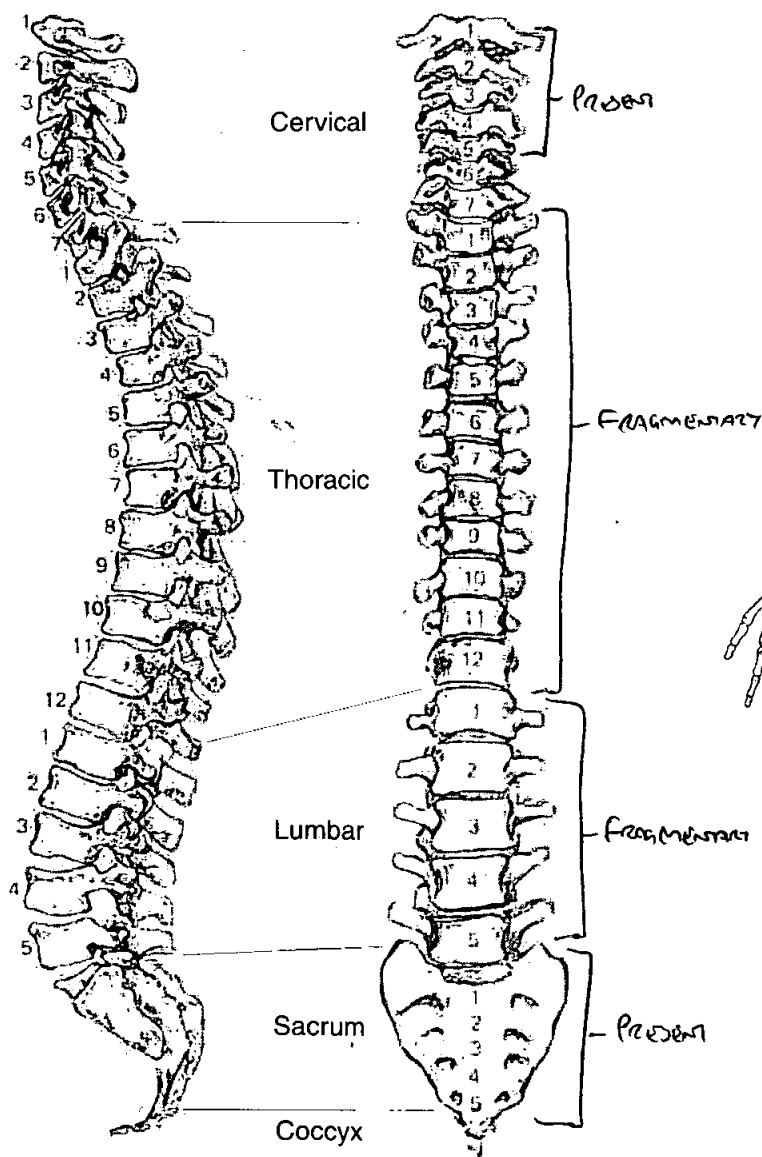
☒ Poor

☒ Destroyed

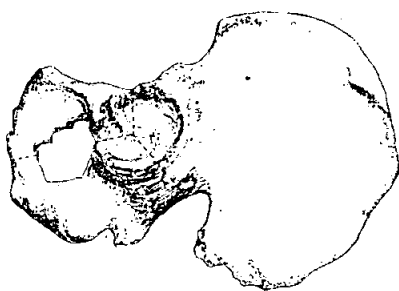
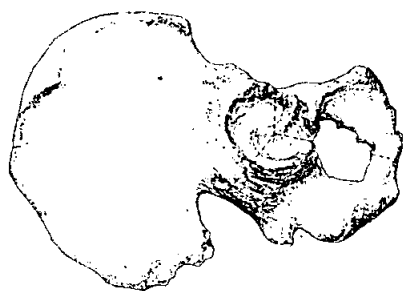
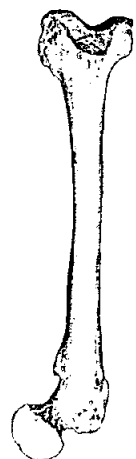
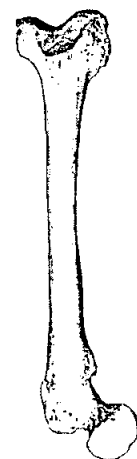
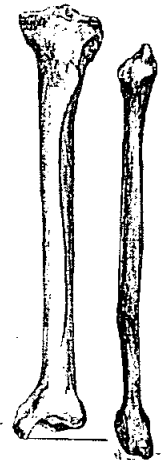
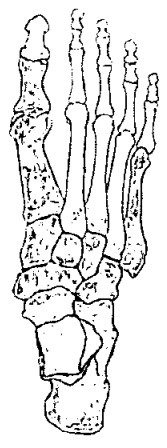
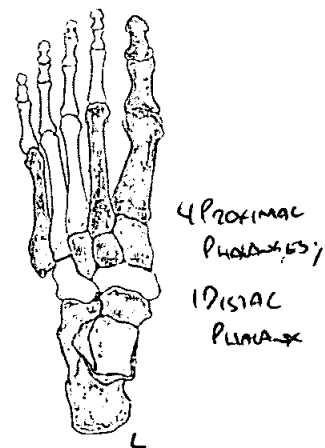
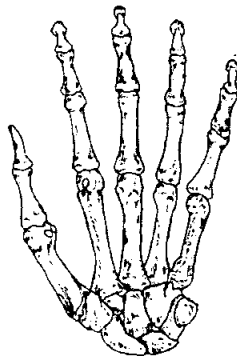
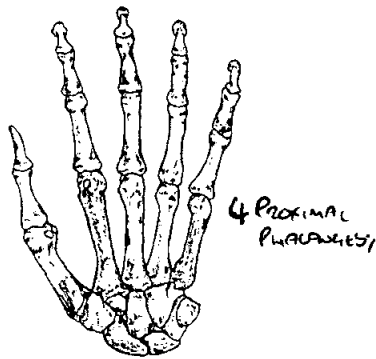
9. Summary of Pathological Conditions

No Pathology Detected

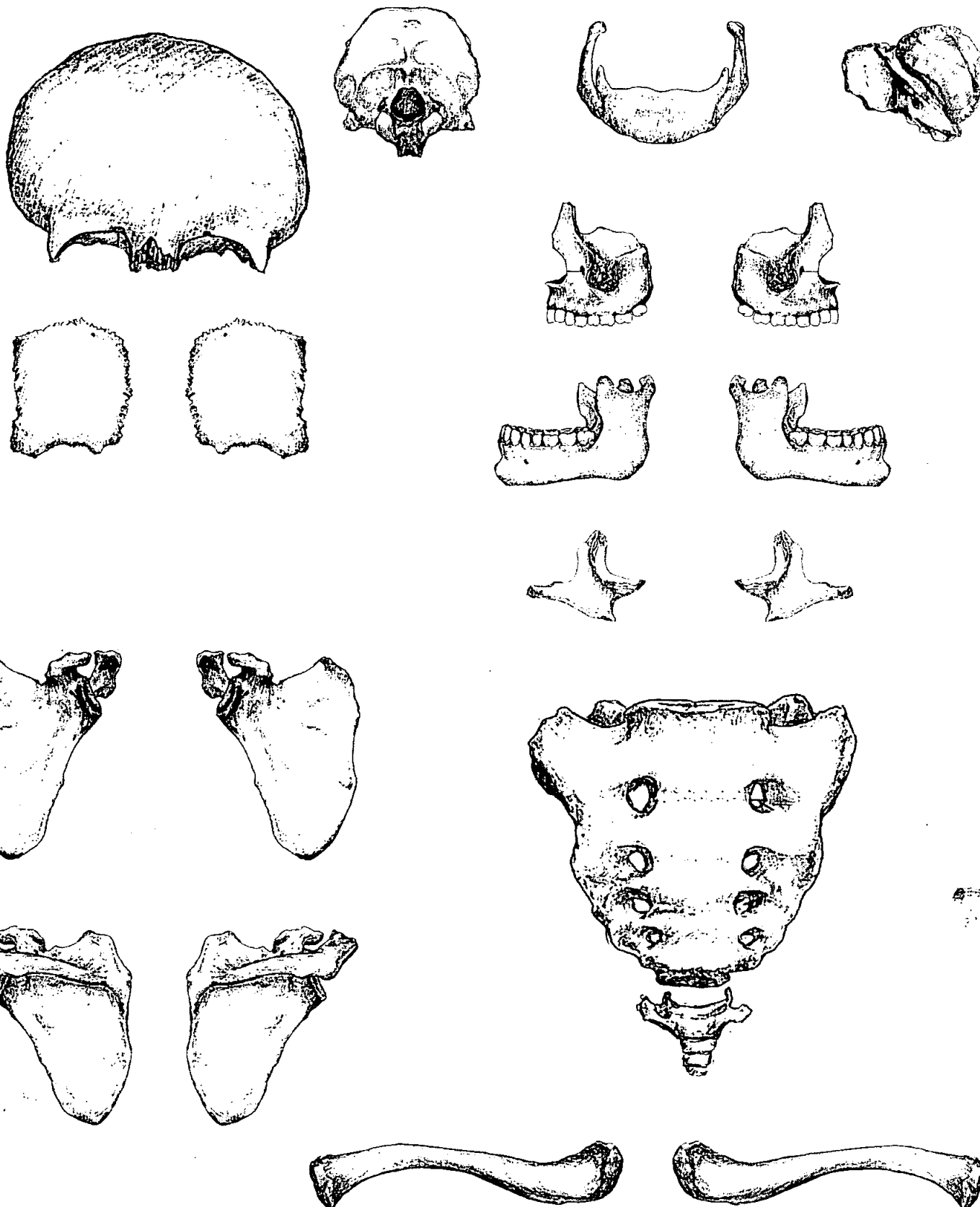
10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



12. Diagram of Bones Present 3



Adult Age Estimation

13. Epiphyseal Fusion

Proximal & Distal Ends Of Humeri Fused. C. 18+ Years.
No Other Fusion Centres Surviving.

14. Dental Eruption and Development

No Teeth Recovered.

15. Dental Attrition

No Maxillary Teeth Recovered.

16. Pubic Symphyses

Relevant Area Of Os Coxae Not Recovered.

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

No Sternal Ends Of Ribs Recovered.

18. Cranial Suture Closure

Skull Is A Fragmentary State. Method Not Attempted.

19. Ilium Auricular Surface

Relevant Area Not Recovered On Os Coxae.

20. Degenerative Joint Disease

Vertebrae Is A Fragmentary State. Method Not Attempted.

21. Comments

AGED AS ADULT: 18+ YEARS DUE TO LACK OF
ANAL. EVIDENCE.

Sexing

Skull - CRANIUM TOO FRAGMENTARY TO SEX FROM. MANDIBLE NOT RECOVERED.

22. Supraorbital Ridges

23. Mastoid Processes

24. Posterior Zygomatic Arch

25. Nuchal Crest/Occipital Protuberance

26. Anterior Mandible

27. Orbital Rims

Pelvis

28. Sciatic Notch

MALE (?)

29. Subpubic Angle

RELEVANT AREA OF OS COXAE NOT RECOVERED.

30. Subpubic Concavity

"

"

31. Ischio-Pubic Ramus

"

"

32. Ventral Arc

"

"

33. Preauricular Sulcus

FEMALE (?)

34. Obturator Foramen

RELEVANT AREA OF OS COXAE NOT RECOVERED.

35. Pelvic Brim

"

"

36. Acetabulum

"

"

37. Ilium Auricular Surface

"

"

Sacrum

38. Segments

SACRUM NOT RECOVERED.

39. Morphology

"

"

Sternum

STERNUM NOT RECOVERED.

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

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

41. Bite ☐ Overbite ☐ Underbite ☒ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

Left

Right

Left

Right

M1

M2



M3



43. Dental Hyoplasia

$$P = P_{it}$$

L = Line

G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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

45. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occlusal
Mesial
Distal
Buccal / Labial
Lingual
Multiple

.....

.....

.....

.....

.....

.....

47. Abscess

Internal Drain
External Drain

.....

.....

48. Dental Anomalies

.....

.....

.....

.....

.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 45	R INCOMPLETE
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 72	R 72
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L INCOMPLETE	R INCOMPLETE
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 17	R 16
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L NOT RECOVERED	R INCOMPLETE
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L NOT RECOVERED	R NOT RECOVERED

50. Cranial Non-metrics - CRANIUM TOO FRAGMENTARY TO ATTEMPT CRANIAL NON-METRICS.

Highest Nuchal Line
Ossicle at Lambda
Bregmatic Bone
Access. Lesser Pal. For
Palatine Torus
Metopism
Lambdoid Ossicle
Coronal Ossicle
Epipteric Bone
Ossicle at Asterion
Parietal Notch Bone
Fronto-temporo Articulation
Parietal Foramen
Access Infraorb. For
Zygomat. Facial. For
Frontal. For
Foramen of Huschke
Auditory Torus
Mandibular Torus
Torus Maxillares
Precondylar Tubercle
Foramen Ovale
Supra-Orbital Foramen
Postcondylar facet
Foramen Spinosum
Posterior Cond. Canal
Condylar Facet
Mastoid Foramen
Ant. Ethmoid Foramen
Post. Ethmoid Foramen
Anterior Condylar Canal

*A - Absent

Skeleton Recording Sheet (Adult)

OLR 00

51. Humerus

	unsided	left	right
septal aperture	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
supra-conyloid process	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Scapula

supra-scapular foramen/notch	<input type="text"/>	<input type="text"/>	<input type="text" value="Incomplete"/>
acromial articular facet	<input type="text"/>	<input type="text"/>	<input type="text" value="Incomplete"/>

Atlas

facet form double /single	<input type="text"/>	<input type="text" value="✓"/>	<input type="text" value="✓"/>
lateral bridge	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
posterior bridge	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
transverse foramen biparite	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Pelvis

accessory facets	<input type="text"/>	<input type="text" value="Incomplete"/>	<input type="text" value="Incomplete"/>
------------------	----------------------	---	---

Sacrum

accessory facets	<input type="text"/>	<input type="text" value="Incomplete"/>	<input type="text" value="Incomplete"/>
spina bifida occulta	<input type="text" value="A"/>	<input type="text"/>	<input type="text"/>

Femur

allen's fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
polirier's facet	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
plaque	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
third trochanter	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
hypotrochanteric fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
exostosis in trochanteric fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Patella

vastus notch	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
vastus fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
emarginate patella	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Tibia

facet form double	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
facet form single	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Calcaneus

facet form double	<input type="text"/>	<input type="text" value="✓"/>	<input type="text" value="✓"/>
facet form single	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

52.

left

right

unsided

Cranial and Facial Metrics - NO CRANIAL & FACIAL METRICS ATTEMPTED DUE TO FRAGMENTARY STATE OF CRANIUM

Porion Bregma Height			
Orbital Breadth (O'1)			
Orbital Length (O'2)			
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			
Max. Cranial Breadth (B)			
Min. Frontal Breadth (B')			
Basion Bregma height (H')			
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			
Nasal Height (NH')			
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics - NO MANDIBLE RECOVERED.

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			

53.

left

right

Femur

FeL1 Max. L	402	398
FeL2 Obl. L		
FeD1 A-P Subtroch DI	27	34
FeD2 M-L Subtroch DI	31	34
FeDs Max. DI Head	45	Incomplete
C Midshaft Circ.		
FeEI Bicond Width	72	72

Tibia

TiL1 Max. L	349	352
TiB1 Bicond Width	75	72
TiD1 A-P DI. Nut. For	31	27
TiD2 M-L DI. Nut. For	23	25

Fibula

FiL1 Max. L	347	346
-------------	-----	-----

Humerus

HuL1 Max. L	284	278
HuD5 Max. DI Head	Incomplete	Incomplete
HC Midshaft Circ		

Radius

RaL1 Max. L	Incomplete	211
-------------	------------	-----

Ulna

UiL1 Max. L	234	Incomplete
-------------	-----	------------

Clavicle

CiL1 Max. L		
-------------	-------------	-------------

**Skeleton Recording Sheet
(Adult)**

907

OLR00

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

complete
complete

Atlas

Max. Internal width

26

--

Sternum

SL Max. L. Body
ML max. L. Manbrium

Sacrum

SacL Max. L
SacB Max. B

110
complete

Indices

Cranial

Height/Length
Height/Breadth

11
11

Nasal

Upper Facial
~~Forminal~~ Nasal
Palatal
Orbital
Mean Porion Height

11
11
11
11
11

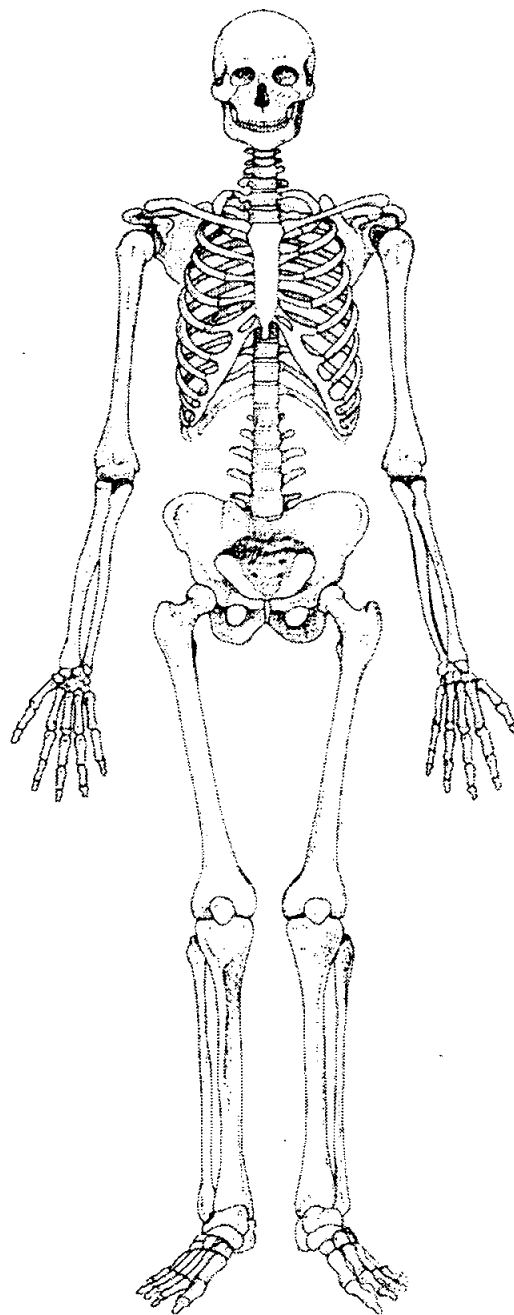
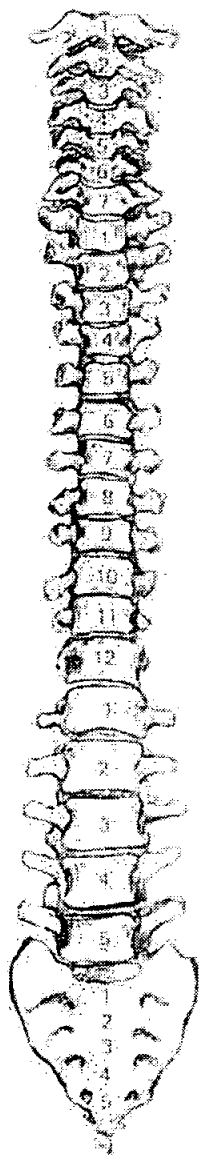
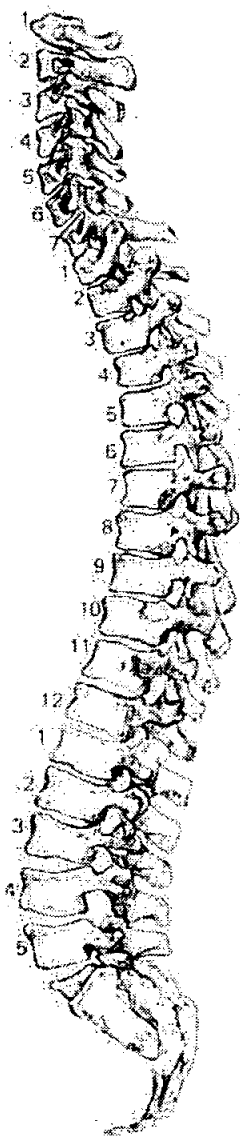
Post Cranial

Platymeric
Platycnemic
Radio-Humeral
Robusticity

87.10
74.19
11

100
92.60
76.17

55. Pathological Distribution



56. Pathological Description

NO PATHOLOGY DETECTED.

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB										
C7	OP PO SN EB										
T1	OP PO SN EB										
T2	OP PO SN EB										
T3	OP PO SN EB										
T4	OP PO SN EB										
T5	OP PO SN EB										
T6	OP PO SN EB										
T7	OP PO SN EB										
T8	OP PO SN EB										
T9	OP PO SN EB										
T10	OP PO SN EB										
T11	OP PO SN EB										
T12	OP PO SN EB										
L1	OP PO SN EB										
L2	OP PO SN EB										
L3	OP PO SN EB										
L4	OP PO SN EB										
L5	OP PO SN EB										

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

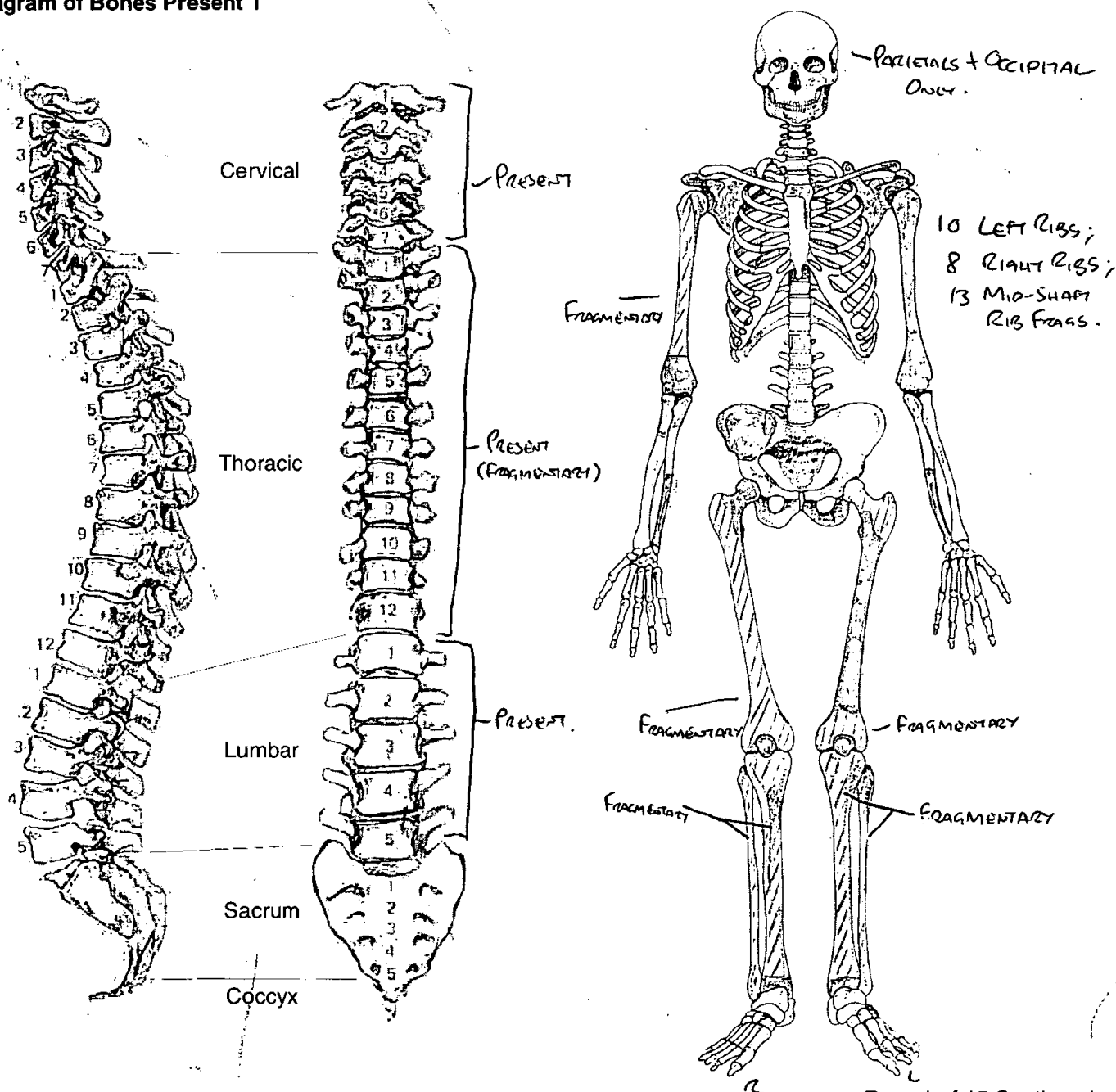
10 = COSTAL FACETS

59. Further notes

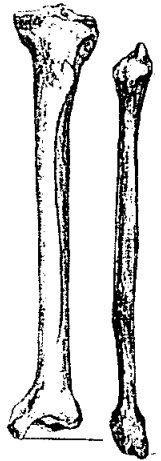
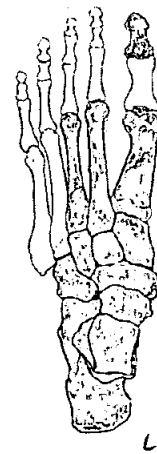
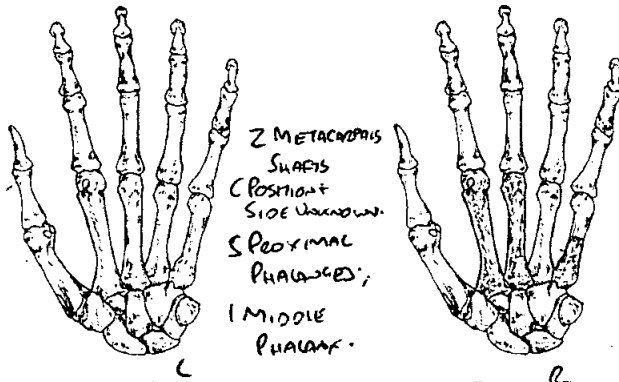
Bones were in a very poor state. Any pathologies that would have been present upon the bones had been eroded away.

1. Site Name OL200
2. Date of Record 14 02 01
3. Period Post-Med
4. Skeleton Number 908
5. Age +40
18+ Years
6. Sex (tick one) ☐ Male ☒ Female? ☒ Unidentified
7. Stature 156.75 ± 4.45 cm
8. Preservation (tick one) ☐ Excellent ☐ Good ☐ Poor ☒ Destroyed
9. Summary of Pathological Conditions Trauma; Osteoporosis; Fusion of T4-T6.

10. Diagram of Bones Present 1

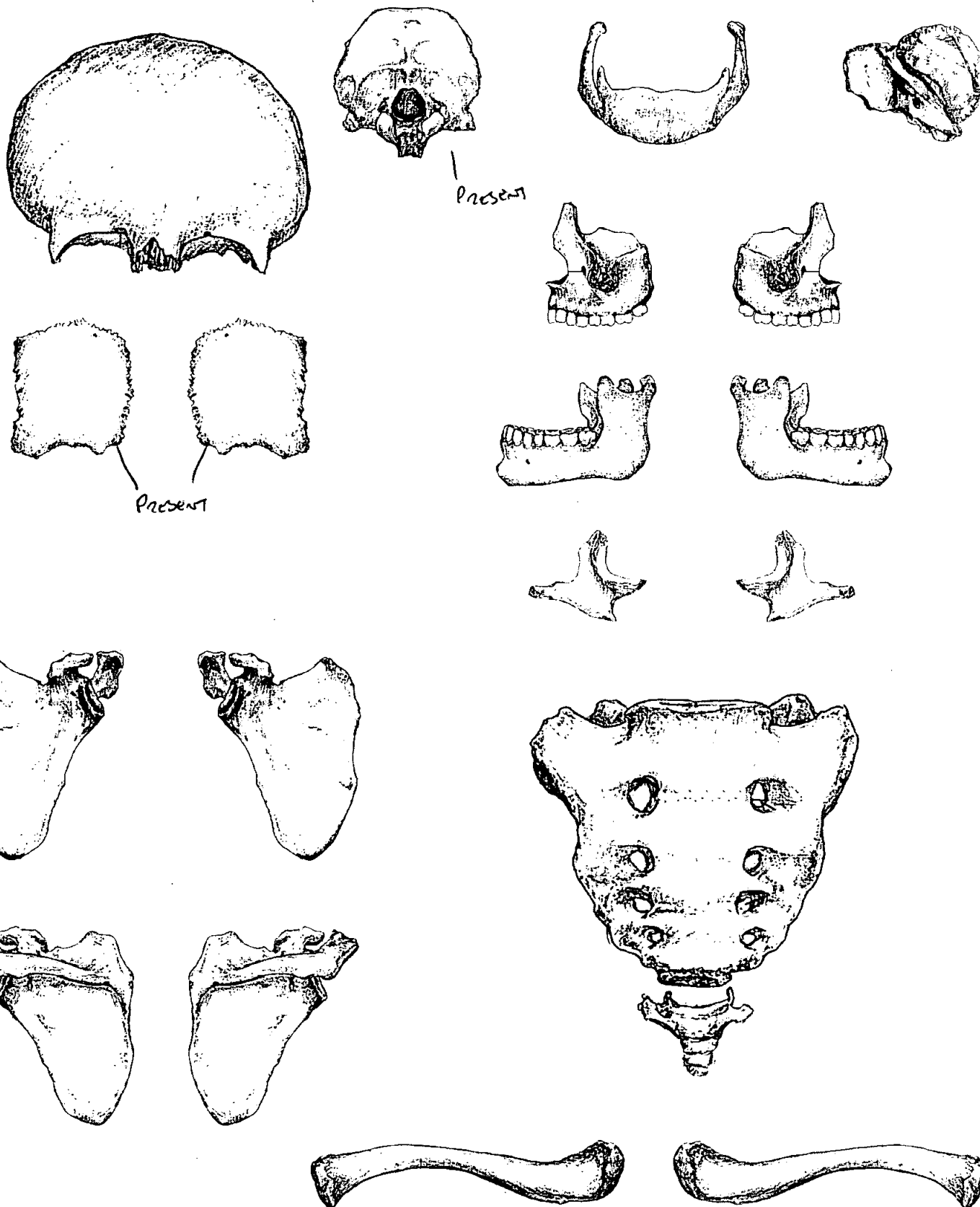


11. Diagram of Bones Present 2



7 PROXIMAL
PHALANXES;
2 DISTAL
PHALANXES

12. Diagram of Bones Present 3



Adult Age Estimation

- 13. Epiphyseal Fusion
- 14. Dental Eruption and Development
- 15. Dental Attrition
- 16. Pubic Symphyses
 - a. Todd (♂ & ♀)
 - b. McKern & Stewart (♂)
 - c. Gilbert and McKern (♀)
 - d. Suchey Brooks (♂ & ♀)

Sterial End Of Left Clavicle Fused. C. 28+ Years

No Maxilla Recovered. Maxillary Jaw Too Eroded To Tell On Which Molar Teeth Had Erupted.

No Molar Teeth Surviving

Area Not Present On Os Coxae

- 17. Sternal End of Ribs

Area Not Remaining On Ribs

- 18. Cranial Suture Closure

40-60 Years

- 19. Ilium Auricular Surface

Area Not Recovered On Os Coxa

- 20. Degenerative Joint Disease

- 21. Comments

Aged On C.S.C. To Between 40-60 Years.
Due To Lack Of Other Estimates Giving Age;
Individual ~~Given~~ Aged As 18+ Years.

Sexing

Skull

- 22. Supraorbital Ridges

Area Not Present On Cranium

- 23. Mastoid Processes

Area Damaged On Cranium

- 24. Posterior Zygomatic Arch

FEMALE (?)

- 25. Nuchal Crest/Occipital Protuberance

FEMALE (?)

- 26. Anterior Mandible

FEMALE (?)

- 27. Orbital Rims

Area Not Recovered On Cranium

Pelvis - Os Coxa Too Damaged To Sex From.

28. Sciatic Notch

29. Subpubic Angle

30. Subpubic Concavity

31. Ischio-Pubic Ramus

32. Ventral Arc

33. Preauricular Sulcus

34. Obturator Foramen

35. Pelvic Brim

36. Acetabulum

37. Ilium Auricular Surface

Sacrum - Bone Not Recovered

38. Segments

39. Morphology

Sternum - Bone Not Complete.

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
 R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
 - = Jaw Not Present

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	X	X	(Saw Too Erupted To Tell)		

41. Bite ☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

	M1		M2		M3	
	Mandible				Maxilla	
	Left	Right	Left	Right	Left	Right
M1						
M2						
M3						

43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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

45. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

.....

.....

.....

.....

.....

.....

47. Abscess

Internal Drain

External Drain

.....

.....

48. Dental Anomalies

.....

.....

.....

.....

.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L incomplete	R incomplete
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L incomplete	R incomplete
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 43	R incomplete
Radius Head Diameter >23mm = ♂, <21mm = ♀	L Not Recovered	R 19
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 21	R incomplete
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 140	R Not Recovered

50. Cranial Non-metrics

*A = Absent ; N/P = Part Of Cranium Not Recovered.

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	N/P
Palatine Torus	N/P
Metopism	N/P
Lambdoid Ossicle	A
Coronal Ossicle	N/P
Epipteric Bone	N/P
Ossicle at Asterion	A
Parietal Notch Bone	A
Fronto-temporo Articulation	N/P
Parietal Foramen	A
Access Infraorb. For	N/P
Zygomat. Facial. For	N/P
Frontal. For	N/P
Foramen of Huschke	A ON Left ; N/P ON Right.
Auditory Torus	A
Mandibular Torus	A
Torus Maxillares	N/P
Precondylar Tubercle	N/P
Foramen Ovale	A ON Left ; N/P ON Right.
Supra-Orbital Foramen	A
Postcondylar facet	N/P
Foramen Spinosum	A ON Left ; N/P ON Right.
Posterior Cond. Canal	N/P
Condylar Facet	N/P
Mastoid Foramen	N/P
Ant. Ethmoid Foramen	A
Post. Ethmoid Foramen	N/P
Anterior Condylar Canal	N/P

51. Humerus

	unsided	left	right
septal aperture	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
supra-conyloid process	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Scapula

supra-scapular foramen/notch	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
acromial articular facet	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Atlas

facet form double/single	<input type="text"/>	<input type="text" value="✓"/>	<input type="text" value="✓"/>
lateral bridge	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
posterior bridge	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
transverse foramen biparite	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Pelvis

accessory facets	<input type="text"/>	<input type="text" value=""/>	<input type="text" value="A"/>
------------------	----------------------	-------------------------------	--------------------------------

Sacrum

accessory facets	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
spina bifida occulta	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>

Femur — Femur's Too Fragmentary.

allen's fossa	<input type="text"/>	<input type="text" value=""/>	<input type="text" value=""/>
polier's facet	<input type="text"/>	<input type="text" value=""/>	<input type="text" value=""/>
plaque	<input type="text"/>	<input type="text" value=""/>	<input type="text" value=""/>
third trochanter	<input type="text"/>	<input type="text" value=""/>	<input type="text" value=""/>
hypotrochanteric fossa	<input type="text"/>	<input type="text" value=""/>	<input type="text" value=""/>
exostosis in trochanteric fossa	<input type="text"/>	<input type="text" value=""/>	<input type="text" value=""/>

Patella

vastus notch	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
vastus fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
emarginate patella	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Tibia ~~with some fragments~~

facet form double	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
facet form single	<input type="text"/>	<input type="text" value="✓"/>	<input type="text" value="✓"/>

Calcaneus

facet form double	<input type="text"/>	<input type="text" value="✓"/>	<input type="text" value="✓"/>
facet form single	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

OLR008

Skeleton Recording Sheet (Adult)

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height	<input type="text"/>	<input type="text"/>	<input type="text"/>
Orbital Breadth (O'1)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Orbital Length (O'2)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Basion-Asterion Chord (O91)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Malar Height (MH)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Max. Cranial Length (L)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Max. Cranial Breadth (B)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Min. Frontal Breadth (B')	<input type="text"/>	<input type="text"/>	<input type="text"/>
Basion Bregma height (H')	<input type="text"/>	<input type="text"/>	<input type="text"/>
Basion-Nasal Length (LB)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Basion-Alveolare (GL)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Upper Facial Height (G'M)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Bimaxillary Breadth (GB)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Bizygomatic Breadth (J)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Nasal Height (NH')	<input type="text"/>	<input type="text"/>	<input type="text"/>
Nasal Breadth (NB)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sup. Nasal Breadth (NB')	<input type="text"/>	<input type="text"/>	<input type="text"/>
Palatal Length (G'1)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Palatal Breadth (G'2)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Frontal Arc (S1)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Parietal Arc (S2)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Occipital Arc (S3)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Frontal Chord (S'1)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Parietal Chord (S'2)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Occipital Chord (S'3)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Foraminal Length (F2)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Foraminal Breadth (F3)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Bi-dacryonic Arc (DA)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Bi-dacryonic Chord (DC)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Max. Horiz. Perim (U)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Transverse Bipor. Arc (BQ)	<input type="text"/>	<input type="text"/>	<input type="text"/>

Mandibular Metrics

Coronoid Height CrM	<input type="text"/>	<input type="text"/>	<input type="text"/>
Min. Ramus Breadth RB	<input type="text"/>	<input type="text"/>	<input type="text"/>
Condyle Length CYL	<input type="text"/>	<input type="text"/>	<input type="text"/>
Bicondylar Breadth WI	<input type="text"/>	<input type="text"/>	<input type="text"/>
Foramen Ment. Breadth ZZ	<input type="text"/>	<input type="text"/>	<input type="text"/>
Symphyseal Height HI	<input type="text"/>	<input type="text"/>	<input type="text"/>
Mandibular Angle MZ	<input type="text"/>	<input type="text"/>	<input type="text"/>
Bigonial Breadth OoGo	<input type="text"/>	<input type="text"/>	<input type="text"/>
Max. Mandibular Length	<input type="text"/>	<input type="text"/>	<input type="text"/>

53.

left

right

Femur

FeL1 Max. L

hcomplete

hcomplete.

FeL2 Obl. L

FeD1 A-P Subtroch DI

hcomplete

hcomplete

FeD2 M-L Subtroch DI

hcomplete

hcomplete

FeDs Max. DI Head

hcomplete

hcomplete

C Midshaft Circ.

FeEI Bicond Width

hcomplete

hcomplete

Tibia

TiL1 Max. L

hcomplete

hcomplete

TiB1 Bicond Width

hcomplete

hcomplete

TiD1 A-P DI. Nut. For

hcomplete

hcomplete

TiD2 M-L DI. Nut. For

hcomplete

hcomplete

Fibula

FiL1 Max. L

hcomplete

hcomplete

Humerus

HuL1 Max. L

294

hcomplete

HuD5 Max. DI Head

43

hcomplete

HC Midshaft Circ

Radius

RaL1 Max. L

Not Recovered

hcomplete

Ulna

UiL1 Max. L

hcomplete

hcomplete

Clavicle

ClL1 Max. L

140

Not Recovered

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

28
21

incomplete
incomplete

Atlas

Max. Internal width

--

23

--

Sternum

SL Max. L. Body
ML max. L. Manbrium

incomplete
incomplete

Sacrum

SacL Max. L
SacB Max. B

Indices

Cranial

Height/Length
Height/Breadth

—
—

Nasal

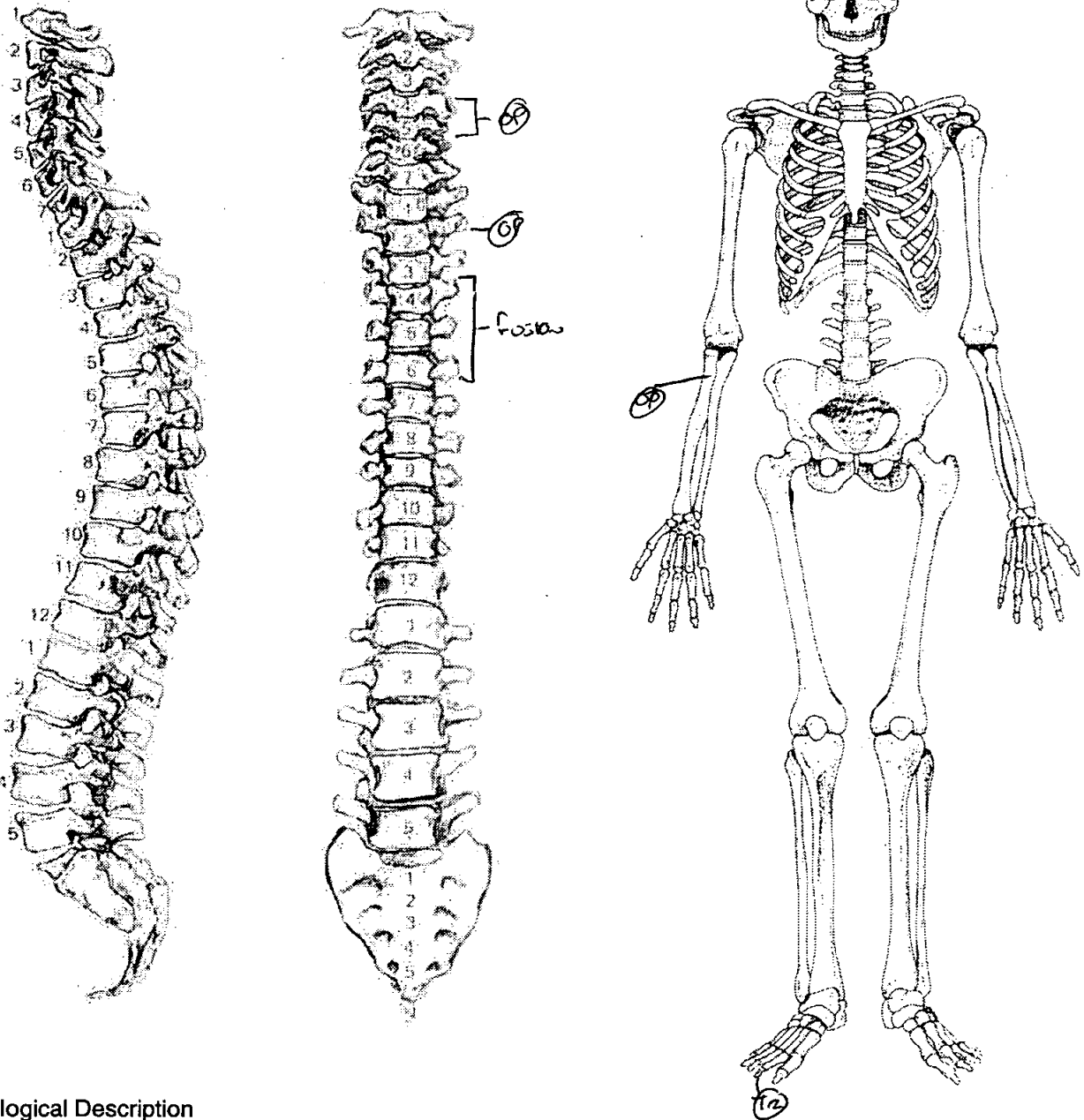
Upper Facial
Foramina *Nasal*
Palatal
Orbital
Mean Porion Height

—
—
—
—
—


Post Cranial

Platymetric
Platycnemic
Radio-Humeral
Robusticity

55. Pathological Distribution



56. Pathological Description

*TRAUMA - A PROXIMAL FOOT PHALANX (POSITION AND SIDE UNKNOWN) HAS A MALUNITED FRACTURE. THE FRACTURE HAS OCCURRED JUST BELOW THE HEAD OF THE PHALANX. FUSION HAS OCCURRED AT A 90° ANGLE  HEAD OF PHALANX.

*OSTEOPHYTES - THE RADIAL TUBEROSITY HAS OSTEOPHYTE FORMATION UPON IT. THE OSTEOPHYTE FORMATION RUNS AROUND THE RIM OF THE RADIAL TUBEROSITY OF THE RIGHT RADIUS.

*FUSION OF SPINE T4-T6 - THE THORACIC VERTEBRAS T4-T6 HAS FUSED TOGETHER. THIS IS PRIMARILY DUE TO SEVERE OSTEOPHYTE FORMATION UPON THE INFERIOR BODY OF T4/T5 & ON THE SUPERIOR BODY OF T5/T6.

*OSTEOPHYTES - OSTEOPHYTES WERE FOUND UPON THE INFERIOR SURFACE OF THE BODIES OF C4/C5 AND ON THE LEFT SUPERIOR PROCESS OF T2.

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB		OP								
C5	OP PO SN EB		OP								
C6	OP PO SN EB										
C7	OP PO SN EB										
T1	OP PO SN EB										
T2	OP PO SN EB			OP							
T3	OP PO SN EB										
T4	OP PO SN EB		OP								
T5	OP PO SN EB	OP	CP								
T6	OP PO SN EB	OP									
T7	OP PO SN EB										
T8	OP PO SN EB										
T9	OP PO SN EB										
T10	OP PO SN EB										
T11	OP PO SN EB										
T12	OP PO SN EB										
L1	OP PO SN EB										
L2	OP PO SN EB										
L3	OP PO SN EB										
L4	OP PO SN EB										
L5	OP PO SN EB										

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

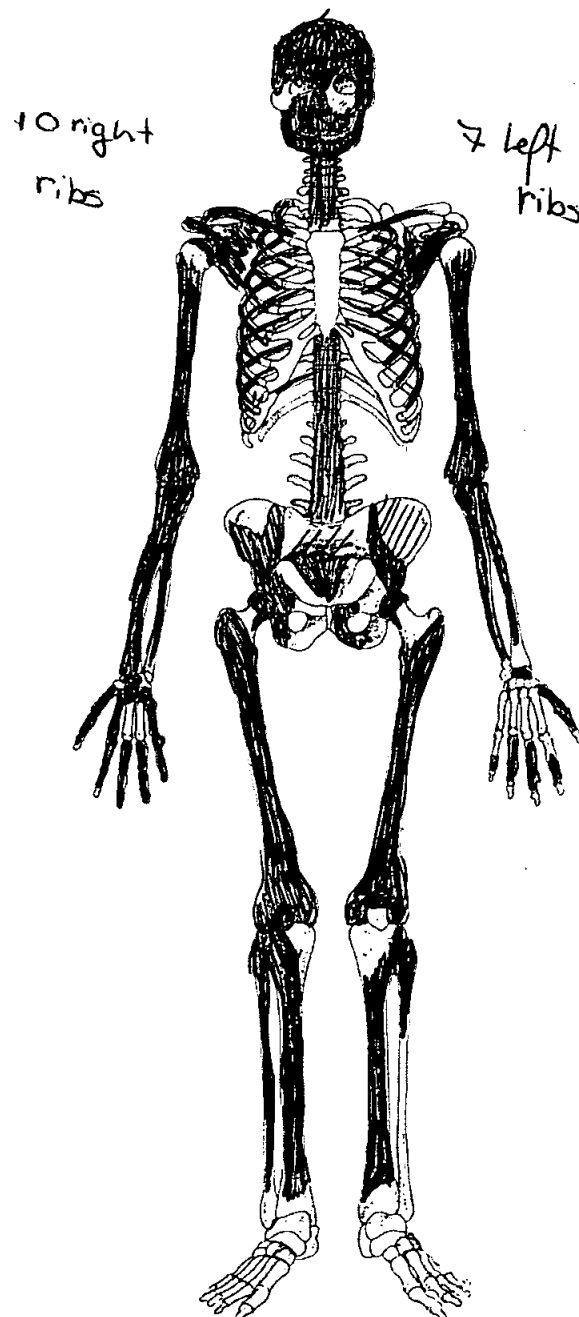
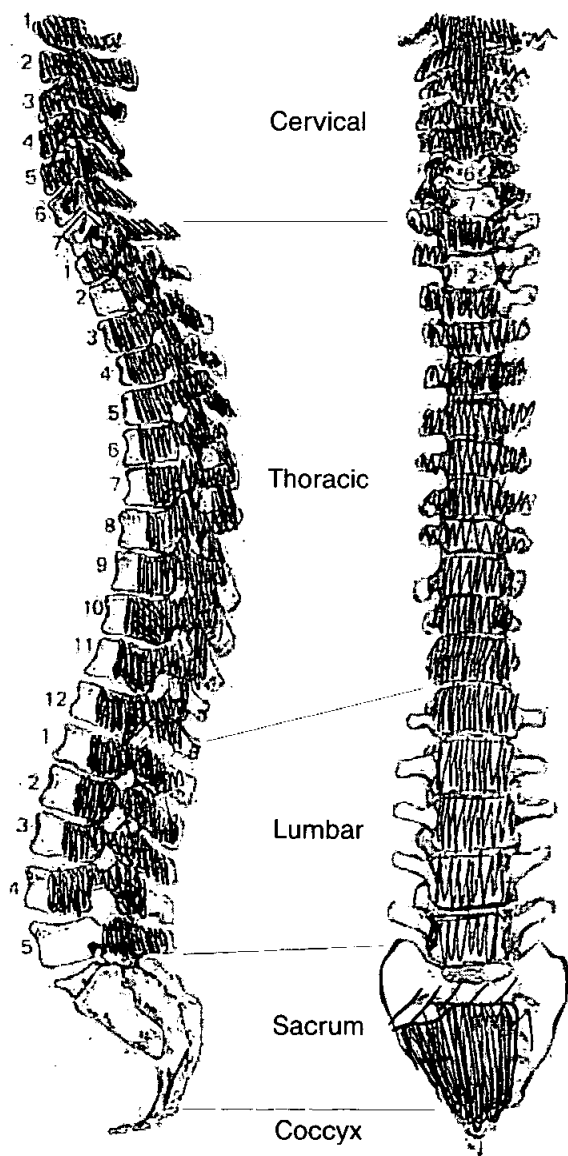
9 = TRANS. PROC

10 = COSTAL FACETS

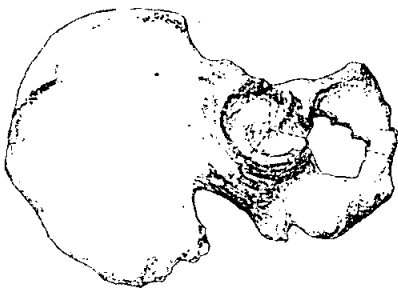
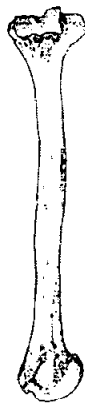
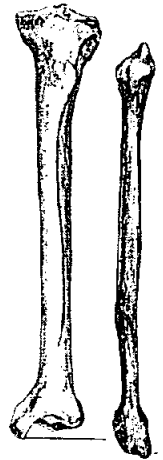
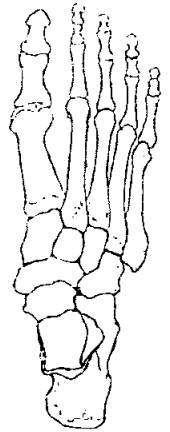
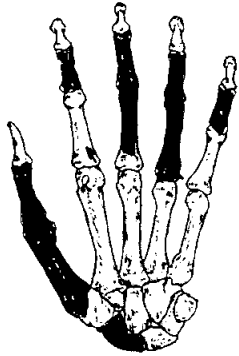
59. Further notes

1. Site Name OLR 00
2. Date of Record 27 02 01
3. Period P-M
4. Skeleton Number 910
5. Age 50+
6. Sex (tick one) ☒ Male ☒ Female ☐ Unidentified
7. Stature 173.13 ± 4.32 cm
8. Preservation (tick one) ☐ Excellent ☒ Good/Fair ☐ Poor ☐ Destroyed
9. Summary of Pathological Conditions Trauma - healed rib fracture

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

Fused : Adult

14. Dental Eruption and Development

15. Dental Attrition

M₂ = 25 yrs

16. Pubic Symphyses

a. Todd (♂ & ♀)

phase 10: 50+

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♂ phase I-IV mean 45-61

17. Sternal End of Ribs

18. Cranial Suture Closure

19. Ilium Auricular Surface

MAX 55-60+

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

M

23. Mastoid Processes

M

24. Posterior Zygomatic Arch

M

25. Nuchal Crest/Occipital Protuberance

F

26. Anterior Mandible

M

27. Orbital Rims

F

Pelvis

28. Sciatic Notch

F?

29. Subpubic Angle

M

30. Subpubic Concavity

M

31. Ischio-Pubic Ramus

M

32. Ventral Arc

F?

33. Preauricular Sulcus

M

34. Obturator Foramen

—

35. Pelvic Brim

—

36. Acetabulum

M

37. Ilium Auricular Surface

M

Sacrum

38. Segments

39. Morphology

Sternum

910
OLR 908

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
 R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
 - = Jaw Not Present

NP	8	7	X	X	X	A	3	2	1	1	2	C	3	A	R	4	X	X	X	NP	8
8	7	X	5	4	X	X	1	1	2	1	2	X	4	5	X	7	X	X	NP	8	
NP	R			C															NP		

41. Bite

☒ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Left

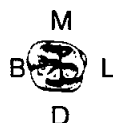
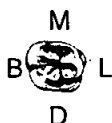
Right

Maxilla

Left

Right

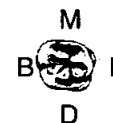
M1



M2



M3



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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
								BF	BS	LS		BS			
								LME	LME						

45. Periodontal Disease (Brothwell 1981)

S = Slight

M = medium

C = Considerable

— Mandibular + maxillary teeth, apart from molars.
= ~~mandibular~~ 7 + 7 + 7

46. Caries (Lukacs 1989)

Small

Medium

Large

Occlusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

.....
.....
4 | 13
.....
.....
.....
.....

47. Abscess

Internal Drain

External Drain

3 | 14
.....

48. Dental Anomalies

.....
.....
.....
.....
.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 50.5	R —
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R 26.0
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 30.9	R —
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R —

50. Cranial Non-metrics

A = Absent, P = Present, NP = Bone not present
NO = Not observable (too dirty)

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	NP
Access. Lesser Pal. For	L+R=P
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	L=A, R=P
Coronal Ossicle	NP
Epipteric Bone	NP
Ossicle at Asterion	A
Parietal Notch Bone	L+R=A
Fronto-temporo Articulation	NP
Parietal Foramen	L+R=P
Access Infraorb. For	NP
Zygomat. Facial. For	L=2, R=NP
Frontal. For	L=NP, R=A
Foramen of Huschke	A
Auditory Torus	L+R=A
Mandibular Torus	L+R=A
Torus Maxillares	L+R=A
Precondylar Tubercle	A
Foramen Ovale	L+R=A
Supra-Orbital Foramen	R=A, L=NP
Postcondylar facet	L+R=A
Foramen Spinosum	L+R=P
Posterior Cond. Canal	L+R=P
Condylar Facet	L+R=A
Mastoid Foramen	L+R=A
Ant. Ethmoid Foramen	NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	L+R=A

OLR 070 910

51. Humerus

	unsided	left	right
sepal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		NP	A
acromial articular facet		A	NP

Atlas

facet form double/single		P	P
lateral bridge		A	A
posterior bridge		P	P
transverse foramen biparite		C4, C5, C6	C5, C6

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		NP	NP
spina bifida occulta	A		

Femur

allen's fossa		NP	NP
polirier's facet		↓	↓
plaque		↓	↓
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		NP	P

Patella

vastus notch		NP	NP
vastus fossa		↓	↓
emarginate patella		↓	↓

Tibia

facet form double		NP	NP
facet form single		↓	↓

Calcaneus

facet form double		NP	NP
facet form single		↓	↓

52.

left

right

unside

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)			
Orbital Length (O'2)			
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			
>Max. Cranial Breadth (B)			x 138
Min. Frontal Breadth (B')			
<Basion Bregma height (H')			x 127
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			
Nasal Height (NH')			
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			48.62
Frontal Arc (S1)			36.60
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			34.6
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			

OLR 910

Skeleton Recording Sheet (Adult)

53.

left

right

Femur

FeL1 Max. L	<input type="text"/>	<input type="text"/>
FeL2 Obl. L	<input type="text"/>	<input type="text"/>
FeD1 A-P Subtroch DI	27.9	29.7
FeD2 M-L Subtroch DI	30.1	28.9
FeDs Max. DI Head	50.5	<input type="text"/>
C Midshaft Circ.	<input type="text"/>	<input type="text"/>
FeEI Bicond Width	<input type="text"/>	<input type="text"/>

Tibia

TiL1 Max. L	<input type="text"/>	<input type="text"/>
TiB1 Bicond Width	<input type="text"/>	<input type="text"/>
TiD1 A-P DI. Nut. For	42.0	<input type="text"/>
TiD2 M-L DI. Nut. For	26.0	25.7

Fibula

FiL1 Max. L	<input type="text"/>	<input type="text"/>
-------------	----------------------	----------------------

Humerus

HuL1 Max. L	<input type="text"/>	<input type="text"/>
HuD5 Max. DI Head	<input type="text"/>	<input type="text"/>
HC Midshaft Circ	<input type="text"/>	<input type="text"/>

Radius

RaL1 Max. L	<input type="text"/>	249
-------------	----------------------	-----

Ulna

UiL1 Max. L	<input type="text"/>	<input type="text"/>
-------------	----------------------	----------------------

Clavicle

ClL1 Max. L	<input type="text"/>	<input type="text"/>
-------------	----------------------	----------------------

OLR00

Skeleton Recording Sheet (Adult)

54.

left

right

Scapula

GC2 Glen. Cav. L

43.6

—

GC2 Glen. Cav. B

30.9

—

Atlas

Max. Internal width

35.5

Sternum

SL Max. L. Body

—

ML max. L. Manbrium

—

Sacrum

SacL Max. L

—

SacB Max. B

—

Indices**Cranial**

Height/Length

—

Height/Breadth

92.03

Nasal

Upper Facial

—

~~Foraminal~~ *Nasal*

—

Palatal

75.28

Orbital

—

—

—

Mean Porion Height

—

Post Cranial

Platymetric

92.69

102.77

Platychnemic

61.90

—

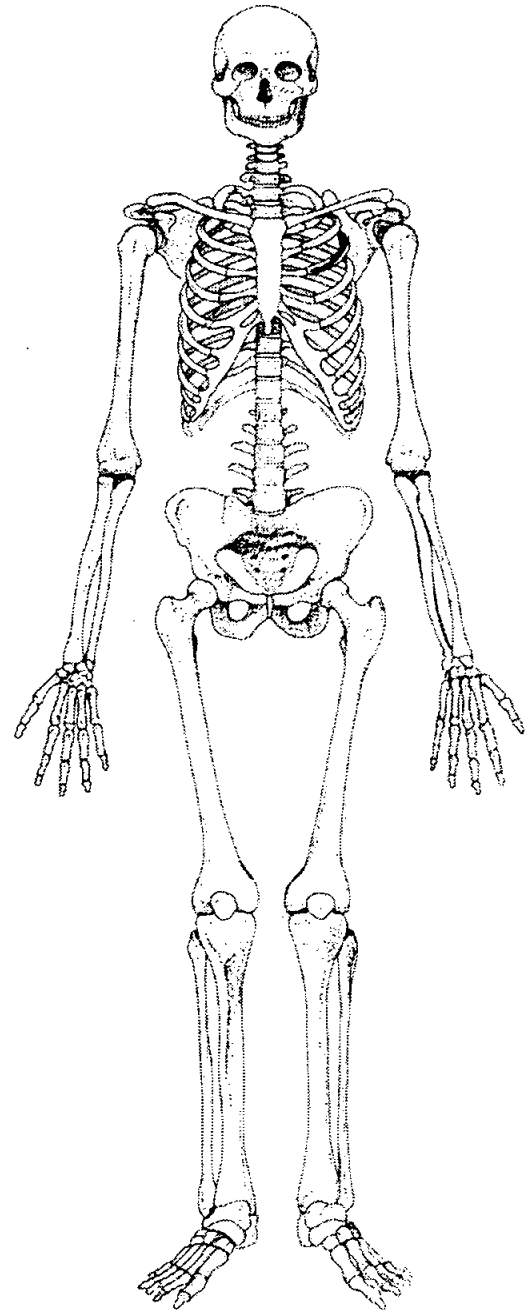
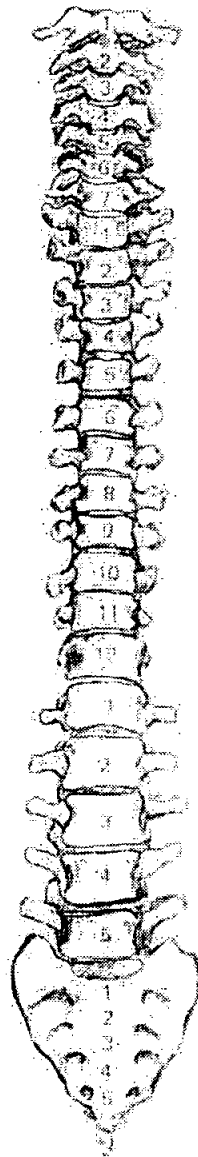
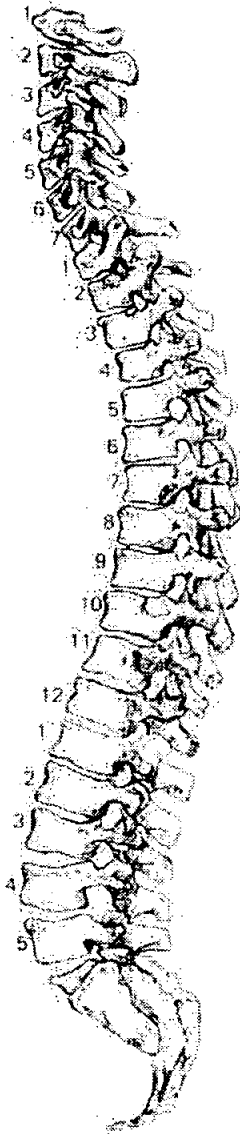
Radio-Humeral

—

—

Robusticity

55. Pathological Distribution



56. Pathological Description

Left rib. One of the ribs of the middle of the rib-cage is fractured just after the angle. The anterior portion of the rib is displaced slightly inferiorly. The fracture is well healed & longstanding. The callus is slight



57. Spinal Joint Disease (for key and recording method see over)

		S.B	L.B	LSP	RIP	RTP	BSF	RSP	RIP	RTP	RCF
		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB	X	X								
C7	OP PO SN EB	X	X								
T1	OP PO SN EB					X	PO EB OP			X	X
T2	OP PO SN EB	X	X				X			X	X
T3	OP PO SN EB						PO			X	PO
T4	OP PO SN EB				PO				PO		
T5	OP PO SN EB			PO					PO		
T6	OP PO SN EB						PO				PO
T7	OP PO SN EB						PO				PO
T8	OP PO SN EB					PO					
T9	OP PO SN EB	SN				X					PO
T10	OP PO SN EB		SN								
T11	OP PO SN EB	SN	SN				PO				PO
T12	OP PO SN EB		SN				PO OP				PO OP
L1	OP PO SN EB		SN		X				X		
L2	OP PO SN EB										
L3	OP PO SN EB			X							
L4	OP PO SN EB				X				X		
L5	OP PO SN EB	X	X		X			X			

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

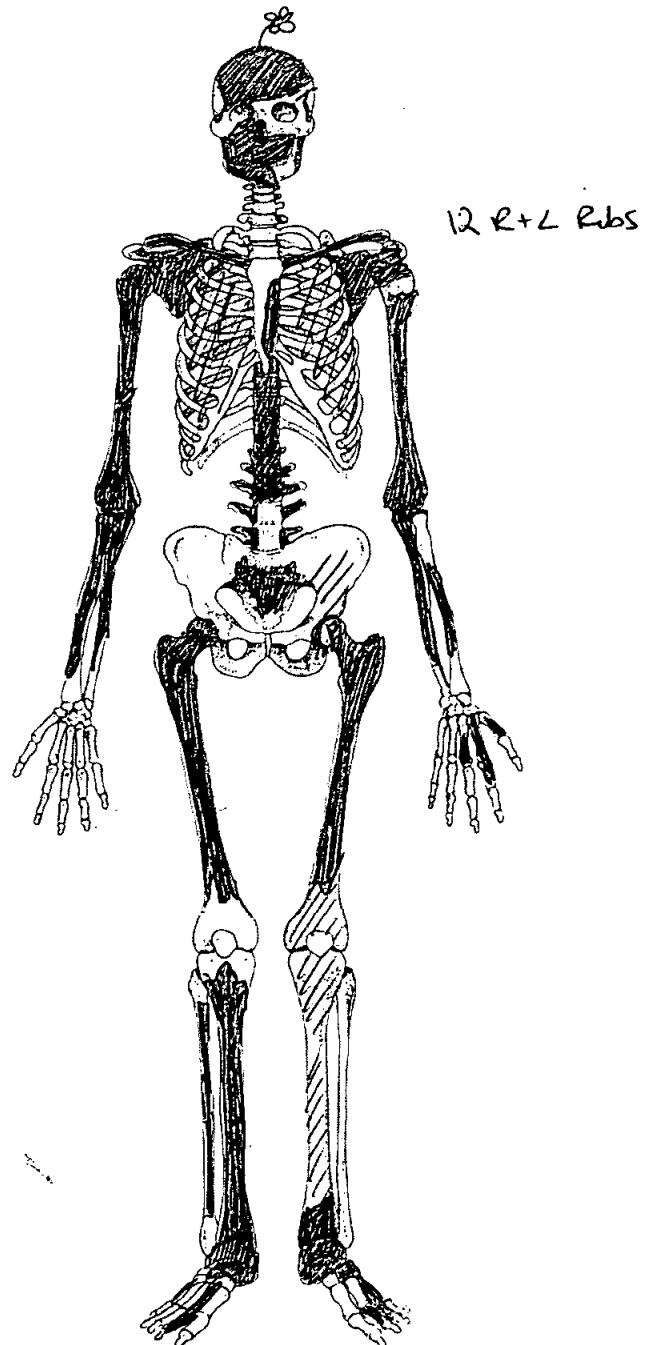
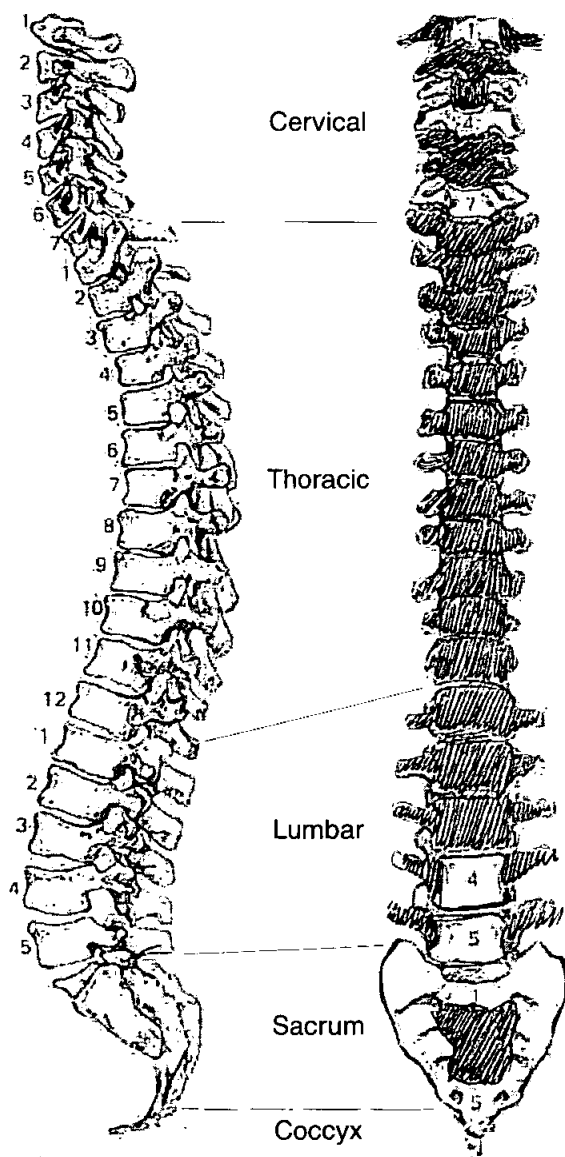
9 = TRANS. PROC

10 = COSTAL FACETS

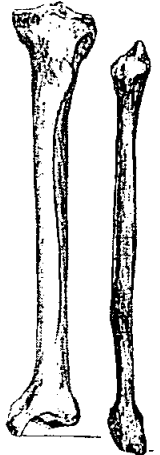
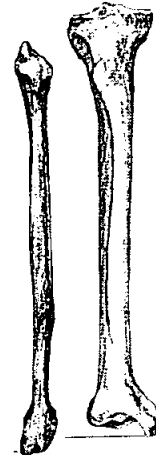
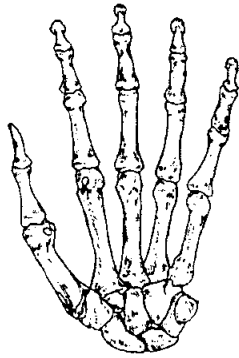
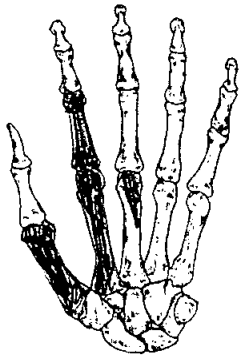
59. Further notes

1. Site Name OLR 00
2. Date of Record 26 02 01
3. Period P-M
4. Skeleton Number 916 5. Age 40 - SU
6. Sex (tick one) ☐ Male ☒ Female ☐ Unidentified
7. Stature 159.44 ± 4.45 cm
8. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor ☐ Destroyed
9. Summary of Pathological Conditions Sinusitis
ostitis } Non-specific infection

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

- 13. Epiphyseal Fusion
- 14. Dental Eruption and Development
- 15. Dental Attrition
- 16. Pubic Symphyses
 - a. Todd (♂ & ♀)
 - b. McKern & Stewart (♂)
 - c. Gilbert and McKern (♀)
 - d. Suchey Brooks (♂ & ♀)

25-29⁺

8's absent

24-30

NP

33-46

- 17. Sternal End of Ribs
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface
- 20. Degenerative Joint Disease
- 21. Comments

NP

Sexing

Skull

- 22. Supraorbital Ridges
- 23. Mastoid Processes
- 24. Posterior Zygomatic Arch
- 25. Nuchal Crest/Occipital Protuberance
- 26. Anterior Mandible
- 27. Orbital Rims

NP

M

M

NP

NP

F?

Pelvis

28. Sciatic Notch NP

29. Subpubic Angle NP

30. Subpubic Concavity NP

31. Ischio-Pubic Ramus NP

32. Ventral Arc NP

33. Preauricular Sulcus NP

34. Obturator Foramen NP

35. Pelvic Brim NP

36. Acetabulum NP

37. Ilium Auricular Surface NP

Sacrum

38. Segments NP

39. Morphology NP

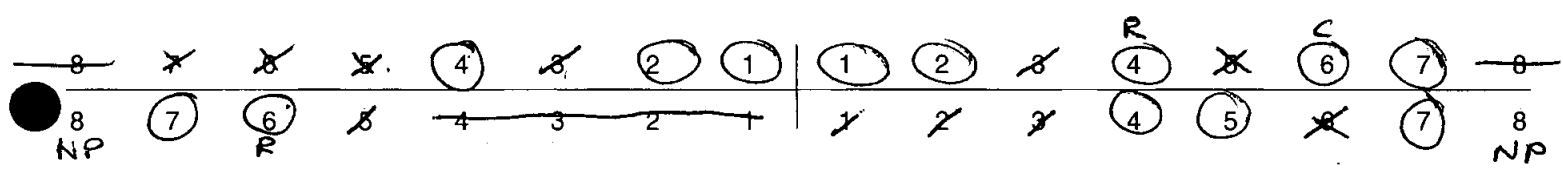
Sternum

042006 916

Dentition

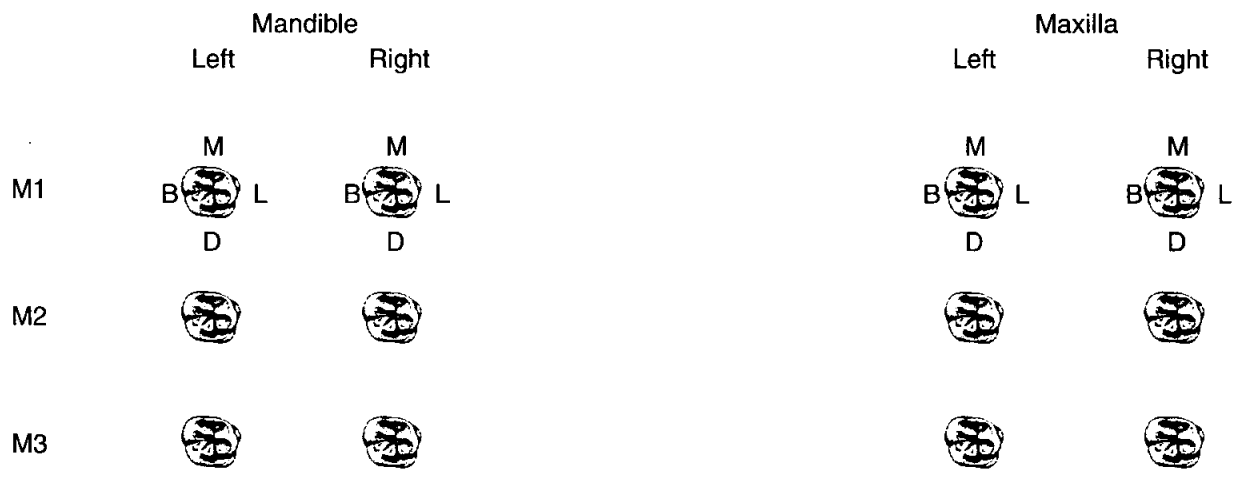
40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
 R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
 - = Jaw Not Present



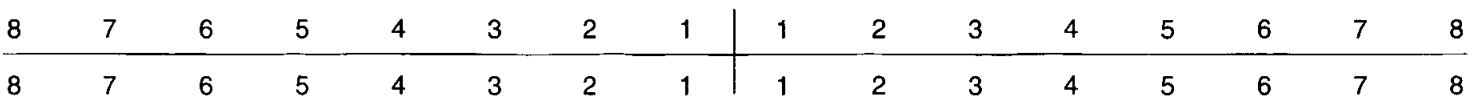
41. Bite ☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition M1 M2 M3



43. Dental Hyoplasia

P = Pit L = Line G = Groove



44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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
	SL										MEL	MEL		SD	
	SM										SM	SO		SL	
											SO	SM		SB	
														SM	

45. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occlusal
Mesial
Distal
Buccal / Labial
Lingual
Multiple

16
.....
.....
.....
.....
.....
.....

47. Abscess

Internal Drain
External Drain

.....
.....

48. Dental Anomalies

.....
.....
.....
.....
.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L —	R 43.4
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 23.1	R 23.4
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L	R 139.5

A = Absent, P = Present, NP = Bone not present
NO = Trait not observable.

50. Cranial Non-metrics

Highest Nuchal Line	NP
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	R + L = NP
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	NP
Coronal Ossicle	A
Epipteric Bone	NP
Ossicle at Asterion	R = A, L = NP
Parietal Notch Bone	R = A, L = NP
Fronto-temporo Articulation	R + L = NP
Parietal Foramen	R + L = A
Access Infraorb. For	R + L = NP
Zygomat. Facial. For	R + L = NP
Frontal. For	L = NP, R = A
Foramen of Huschke	L = NP, R = A
Auditory Torus	R = A, L = A
Mandibular Torus	R + L = A
Torus Maxillares	R + L = A
Precondylar Tubercle	NP
Foramen Ovale	NP
Supra-Orbital Foramen	R = A (Notch), L = NP
Postcondylar facet	NP
Foramen Spinosum	NP
Posterior Cond. Canal	NP
Condylar Facet	NP
Mastoid Foramen	NP
Ant. Ethmoid Foramen	R = A, L = NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	NP
	NP

OLRøø

Skeleton Recording Sheet (Adult)

51. Humerus

	unsided	left	right
septal aperture		A	P
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		A	A

Atlas

facet form double/single		NP	NP
lateral bridge		NP	NP
posterior bridge		P	P
transverse foramen biparite		NP A	C5, C6

Pelvis

accessory facets		NP	NP
------------------	--	----	----

Sacrum

accessory facets		NP	NP
spina bifida occulta		↓	↓

Femur

allen's fossa		P	NP
polirier's facet		A	NP
plaque		A	NP
third trochanter		A	A
hypotrochanteric fossa		NP	A
exostois in trochanteric fossa		NP	A

Patella

vastus notch		NP	A
vastus fossa		↓	A
emarginate patella		↓	A

Tibia

facet form double		A	NP
facet form single		A	↓

Calcaneus

facet form double		P	P
facet form single		A	A

53.

left

right

Femur

FeL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
FeL2 Obl. L	<input type="text"/>	<input type="text"/>
FeD1 A-P Subtroch DI	<input type="text" value="29.2"/>	<input type="text" value="—"/>
FeD2 M-L Subtroch DI	<input type="text" value="29.5"/>	<input type="text" value="—"/>
FeDs Max. DI Head	<input type="text" value="—"/>	<input type="text" value="—"/>
C Midshaft Circ.	<input type="text"/>	<input type="text"/>
FeEI Bicond Width	<input type="text" value="—"/>	<input type="text" value="—"/>

Tibia

TiL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
TiB1 Bicond Width	<input type="text" value="—"/>	<input type="text" value="—"/>
TiD1 A-P DI. Nut. For	<input type="text" value="—"/>	<input type="text" value="33.1"/>
TiD2 M-L DI. Nut. For	<input type="text" value="—"/>	<input type="text" value="26.5"/>

Fibula

FiL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
-------------	--------------------------------	--------------------------------

Humerus

HuL1 Max. L	<input type="text" value="—"/>	<input type="text" value="302"/>
HuD5 Max. DI Head	<input type="text"/>	<input type="text"/>
HC Midshaft Circ	<input type="text"/>	<input type="text"/>

Radius

RaL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
-------------	--------------------------------	--------------------------------

Ulna

UiL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
-------------	--------------------------------	--------------------------------

Clavicle

CiL1 Max. L	<input type="text" value="—"/>	<input type="text"/>
-------------	--------------------------------	----------------------

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

34.8
—

33.3
—

Atlas

Max. Internal width

— 28.1

—

Sternum

SL Max. L. Body
ML max. L. Manbrium

— 1
— 1

—
—

Sacrum

SacL Max. L
SacB Max. B

—
—

—
—

Indices

Cranial

Height/Length
Height/Breadth

— 1
— 1

—
—

Nasal

Upper Facial
Foraminal *nasal*
Palatal
Orbital
Mean Porion Height

— 1
— 1
— 1
— 1
—

—
—
—
—
—

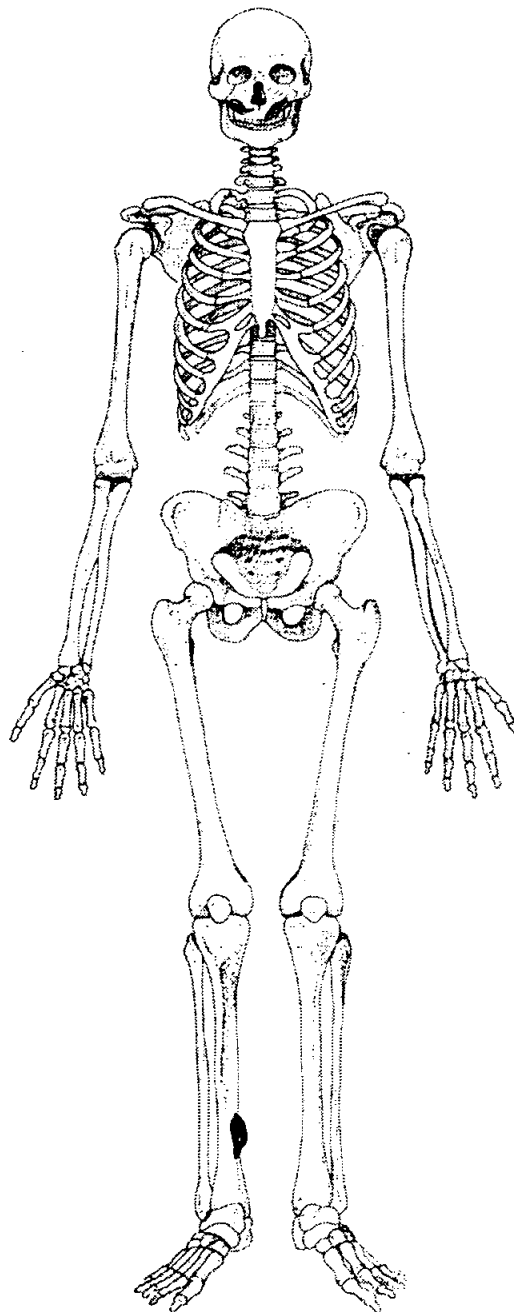
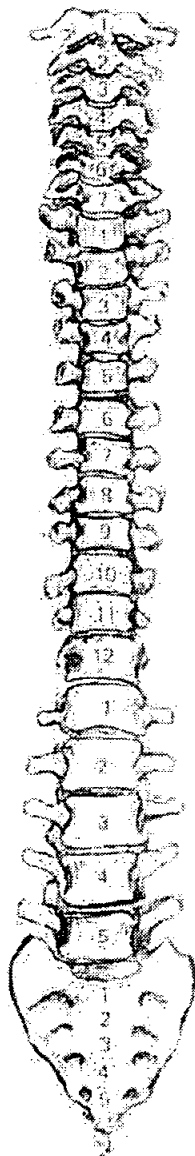
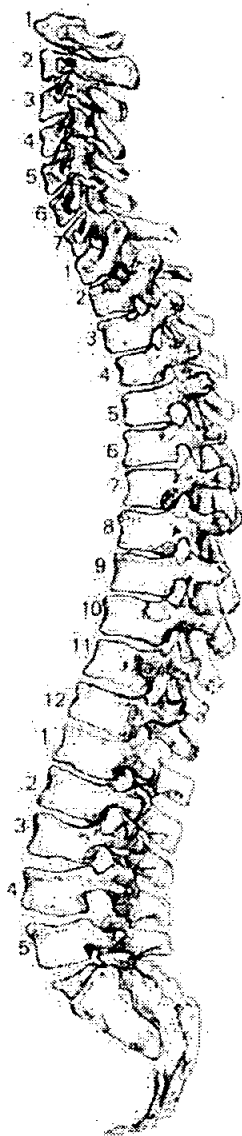
Post Cranial

Platymeric
Platycnemic
Radio-Humeral
Robusticity

98.98
—
—
—

—
80.06
—
—

55. Pathological Distribution



56. Pathological Description

New bone formations (plaque) & porosity present @ the base of the maxillary sinuses. = Sinusitis (NI)
Right distal end of tibia shaft. A localised thickening of the shaft located on the posterior side. lesion consists of striated lamellar bone & measures 38mm Sup-Inf. = Osteitis.

X = Not present

OLR 916
Skeleton Recording Sheet
(Adult)

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB		X								
C2	OP PO SN EB		X								
C3	OP PO SN EB	X	X								
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB										
C7	OP PO SN EB										
T1	OP PO SN EB										
T2	OP PO SN EB						PO				PO
T3	OP PO SN EB										
T4	OP PO SN EB										
T5	OP PO SN EB										
T6	OP PO SN EB										
T7	OP PO SN EB		SN								
T8	OP PO SN EB	SN	SN								
T9	OP PO SN EB	SN									
T10	OP PO SN EB		SN								
T11	OP PO SN EB						PO				
T12	OP PO SN EB						PO				PO
L1	OP PO SN EB		X								
L2	OP PO SN EB										
L3	OP PO SN EB	X	X								
L4	OP PO SN EB	X	X								
L5	OP PO SN EB	X	X								

1. Site Name

OLR 00

2. Date of Record

27 02 01

3. Period

P.M

4. Skeleton Number

920

5. Age

60+

6. Sex (tick one)

☐ Male

☒ Female

☐ Unidentified

7. Stature

156.36 ± 3.72 cm

8. Preservation (tick one)

☐ Excellent

☒ Good/fair

☐ Poor

☐ Destroyed

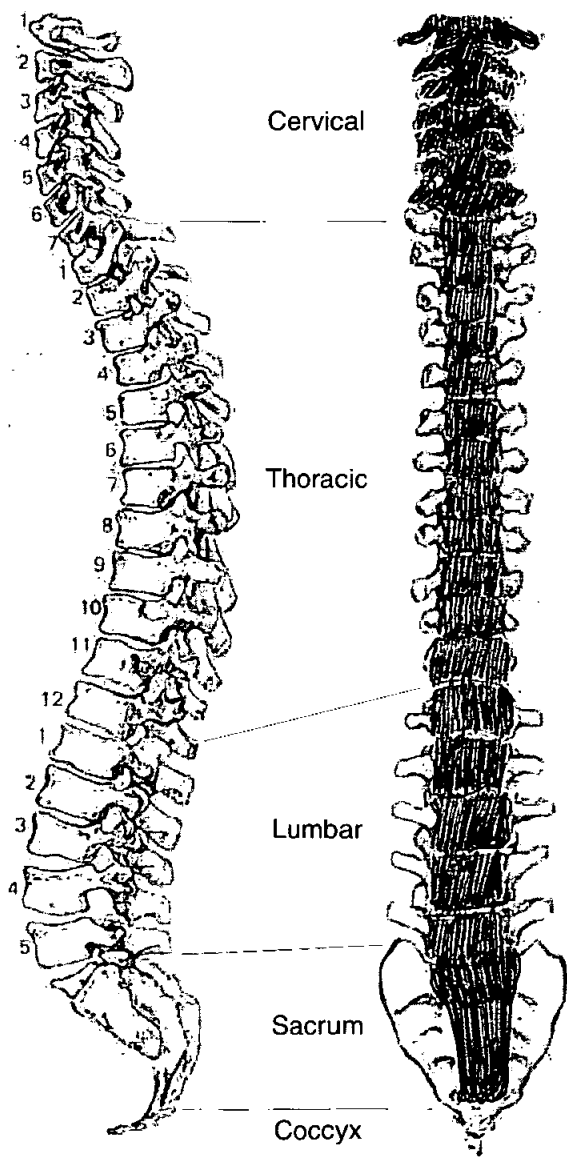
9. Summary of Pathological Conditions

x Trauma - healed depressed cranial fracture

x Non-specific infection: Healed periostitis

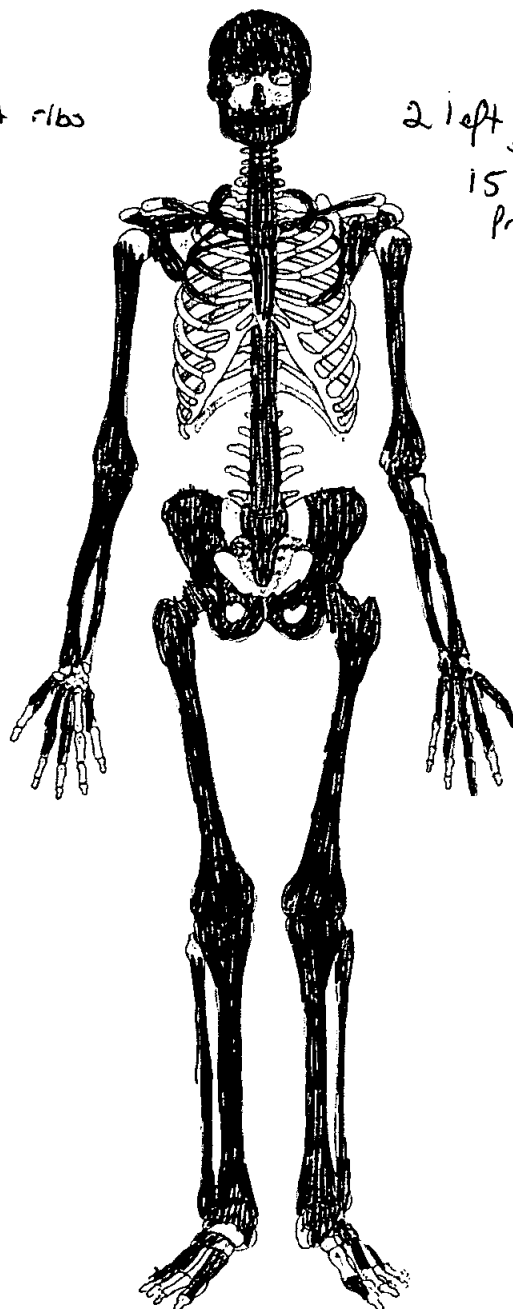
x D.I.S.H.

10. Diagram of Bones Present 1



3 right ribs

2 left ribs
+
15 rib
fragments

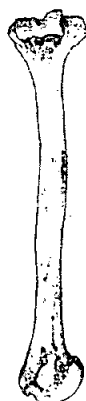
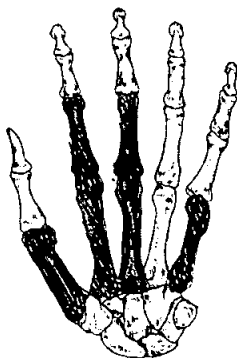


11. Diagram of Bones Present 2

L



R



Adult Age Estimation

13. Epiphyseal Fusion

Fused; +25 yrs old

14. Dental Eruption and Development

15. Dental Attrition

No molars present

16. Pubic Symphyses

a. Todd (♂ & ♀)

♀ Phase 10: 50+

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♀ Stage IV: Mean 60.1

17. Sternal End of Ribs

NP

18. Cranial Suture Closure

19. Ilium Auricular Surface

40-59

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

F

23. Mastoid Processes

M

24. Posterior Zygomatic Arch

F

25. Nuchal Crest/Occipital Protuberance

M?

26. Anterior Mandible

M?

27. Orbital Rims

F?

Pelvis

28. Sciatic Notch

7

29. Subpubic Angle

7

30. Subpubic Concavity

7

31. Ischio-Pubic Ramus

7

32. Ventral Arc

7

33. Preauricular Sulcus

7

34. Obturator Foramen

3

35. Pelvic Brim

7

36. Acetabulum

7

37. Ilium Auricular Surface

7

Sacrum

38. Segments

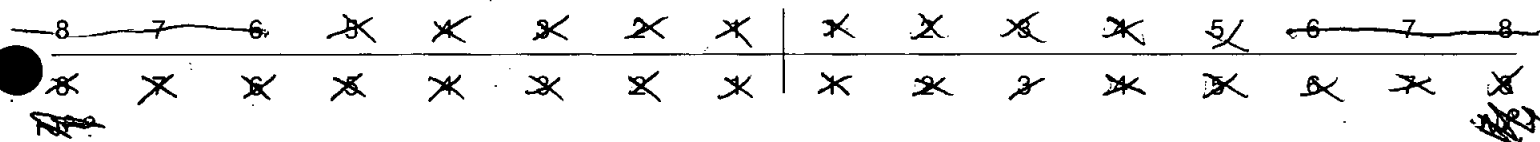
39. Morphology

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present



41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

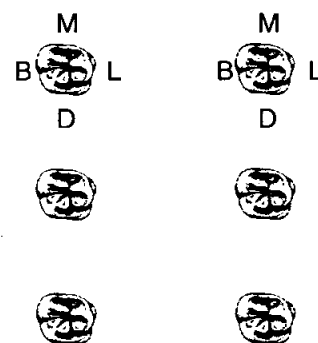
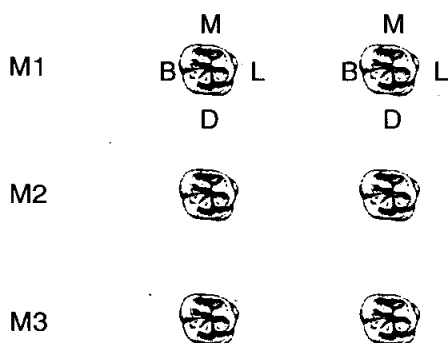
Maxilla

Left

Right

Left

Right



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 42.7	R 41.3
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 71.3	R 73.2
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 23.7	R 24.3
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R —

50. Cranial Non-metrics

A = Absent, P = Present, NP = Bone not present
NO = Not observable (too dirty)

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	NP
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipteric Bone	R+L=A
Ossicle at Asterion	R+L=P
Parietal Notch Bone	R+L=A
Fronto-temporo Articulation	R+L=A
Parietal Foramen	R=P, L=A
Access Infraorb. For	NP
Zygomat. Facial. For	L=2, R=1
Frontal. For	R+L=A
Foramen of Huschke	R+L=A
Auditory Torus	R+L=A
Mandibular Torus	R+L=A
Torus Maxillares	NP
Precondylar Tubercle	A
Foramen Ovale	R+L=A (complete)
Supra-Orbital Foramen	R+L=A (Notches)
Postcondylar facet	R+L=A
Foramen Spinosum	R+L=A
Posterior Cond. Canal	R+L=P
Condylar Facet	R+L=A (single)
Mastoid Foramen	R+L=P (extra sutural)
Ant. Ethmoid Foramen	NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	R+L=A (single)

51. Humerus

	unsided	left	right
septal aperture		NP	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		A	A

Atlas

facet form double/single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		C5, C6	C5, C6

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		NP	NP
spina bifida occulta	A		

Femur

allen's fossa		A	A
polirier's facet		A	P
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		NP	NP

Patella

vastus notch		A	A
vastus fossa		A	A
emarginate patella		A	A

Tibia

med squath facet form double		A	NP
Lat " facet form single		A	NP

Calcaneus

facet form double		P	P
facet form single		A	A

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)			
Orbital Length (O'2)			
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			183
Max. Cranial Breadth (B)			143
Min. Frontal Breadth (B')			106.5
Basion Bregma height (H')			124
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			
Nasal Height (NH')			
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			103
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			24.8
Mandibular Angle MZ			
Bigonial Breadth OoGo			79
Max. Mandibular Length			66

53.

left

right

Femur

FeL1 Max. L	41.4	41.7
FeL2 Obl. L		
FeD1 A-P Subtroch DI	26.7	24.7
FeD2 M-L Subtroch DI	28.5	28.3
FeDs Max. DI Head	42.7	41.3
C Midshaft Circ.		
FeEl Bicond Width	71.3	73.2

Tibia

TiL1 Max. L	—	—
TiB1 Bicond Width	—	—
TiD1 A-P DI. Nut. For	29.2	28.9
TiD2 M-L DI. Nut. For	20.4	20.1

Fibula

FiL1 Max. L	330	—
-------------	-----	---

Humerus

HuL1 Max. L	—	—
HuD5 Max. DI Head		
HC Midshaft Circ		

Radius

RaL1 Max. L	—	210
-------------	---	-----

Ulna

UiL1 Max. L	221	—
-------------	-----	---

Clavicle

CiL1 Max. L	—	—
-------------	---	---

54.

left

right

Scapula

GC2 Glen. Cav. L

GC2 Glen. Cav. B

23.7

—
—

34.0
24.3

Atlas

Max. Internal width

29.3

--

Sternum

SL Max. L. Body

ML max. L. Manbrium

—
—

Sacrum

SacL Max. L

SacB Max. B

—
—

Indices

Cranial

Height/Length

Height/Breadth

67.76
86.71

Nasal

Upper Facial

~~Foraminal~~ Nasal

Palatal

Orbital

Mean Porion Height

—
—
—
—
—

Post Cranial

Platymeric

Platycnemic

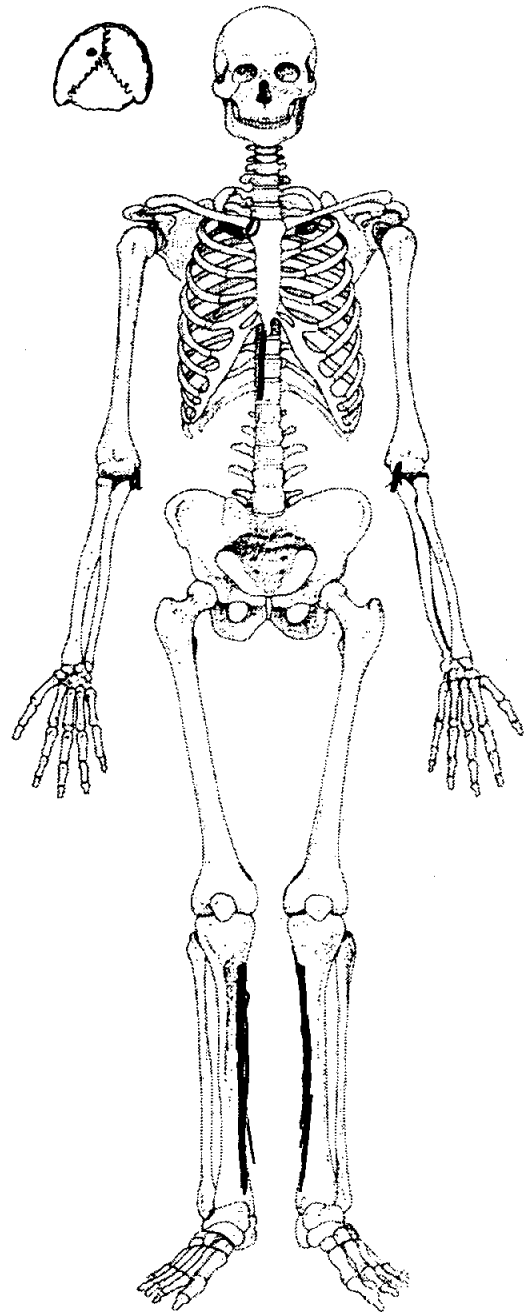
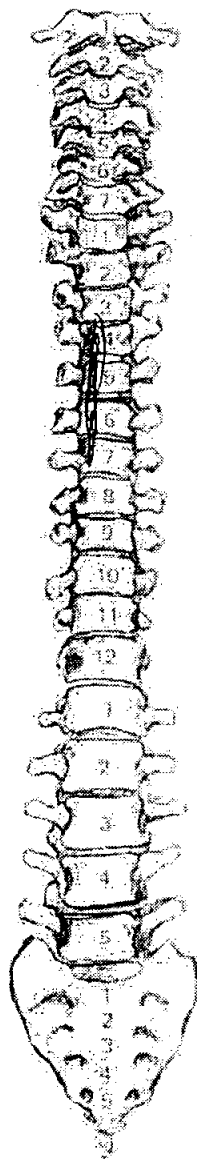
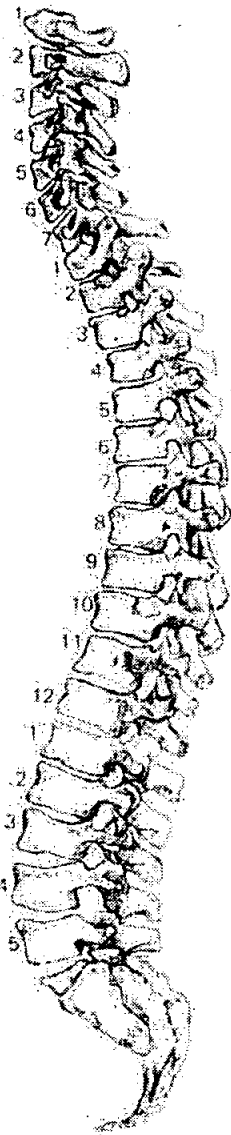
Radio-Humeral

Robusticity

93.68
69.86
—

87.29
69.55
—

55. Pathological Distribution



56. Pathological Description

- * Depressed ~~skull~~ cranial fracture present on left parietal. The lesion is situated on the ~~posterior~~ posterior-superior part, at the corner of the junction of the lambdoid & sagittal suture. It is circular: ϕ 13 mm & 1.5 mm deep. The trauma is longstanding & healed.
- * Healed periostitis: striated & lamellar bone present on the medial aspect and the anterior border of the right ~~tibia~~ and left tibia.
- * T4-7 is fused on the right side of the vertebral bodies. The fusion is of candle wax appearance. These prolifc new bone formations are also present on T3, T8-12 though these elements are not ankylosed. Enthesophytes are also present on the proximal ulnae & the 1st ribs are ossified to the manubrium. The lesions are consistent with DISH, though this being a female makes it unusual.



Oxford
Archaeological
Unit

S = Slight
M = Medium

C = Considerable

osteophytes.

Skeleton Recording Sheet (Adult)

OLR 920

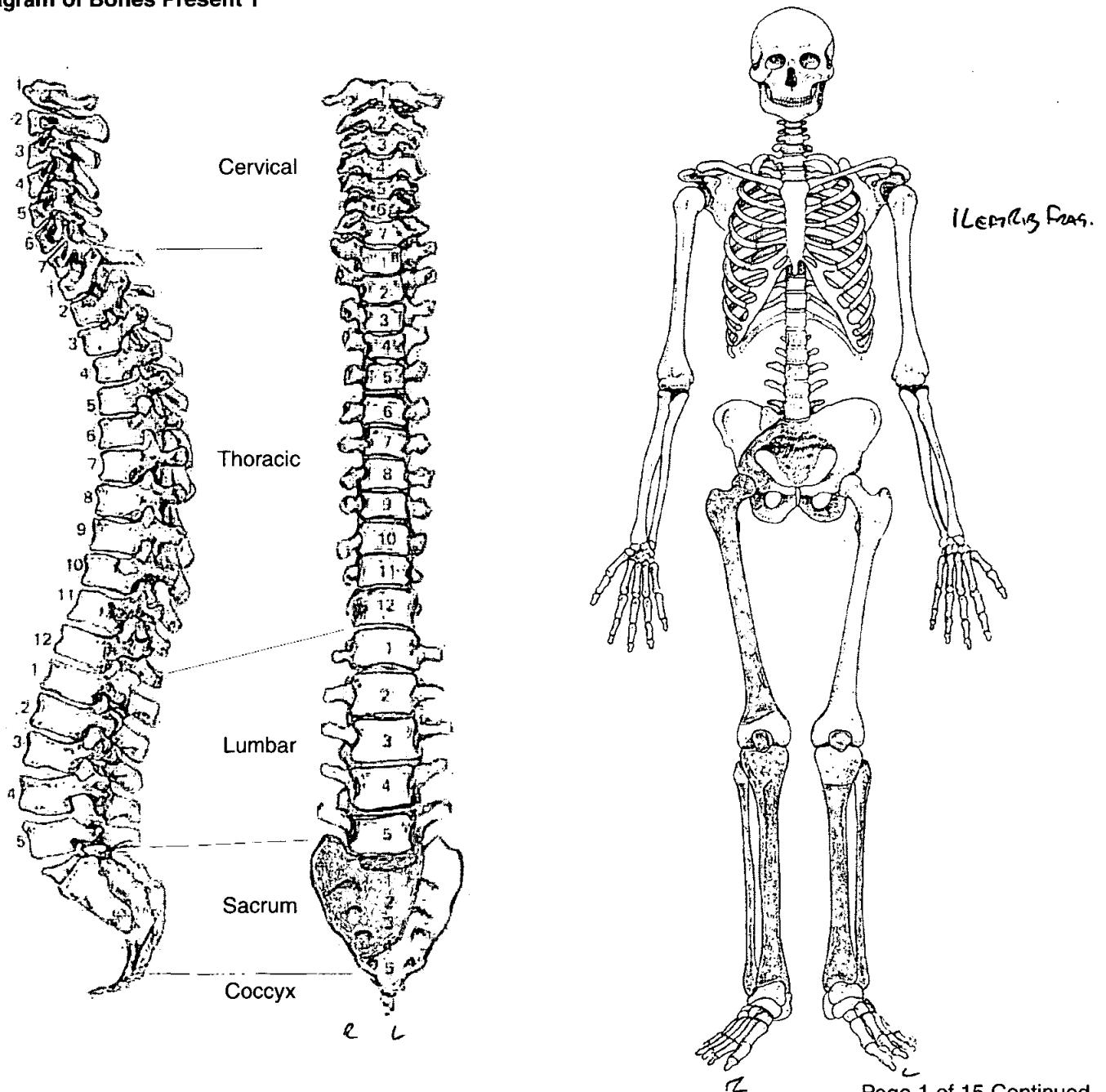
X = bone missing

57. Spinal Joint Disease (for key and recording method see over)

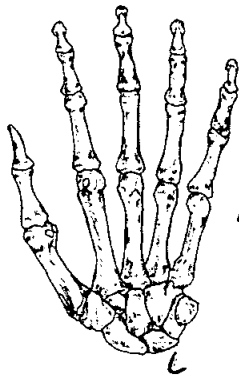
		SB	LB	LSP	LIP	LTP	LCF	RSP	RIP	RTP	RCF
		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB	DENS. facet: EB, OP=S									
C2	OP PO SN EB	DENS. OP, EB									
C3	OP PO SN EB		PO OP=S								
C4	OP PO SN EB	PO OP=S	PO OP=S								
C5	OP PO SN EB	PO OP=S	OP=M								
C6	OP PO SN EB	OP=M	OP=M PO								
C7	OP PO SN EB	OP=M	OP=M								
T1	OP PO SN EB	OP=M	OP=M			X	PO			X	PO
T2	OP PO SN EB	OP=S	OP=M			X				X	
T3	OP PO SN EB	OP=M	OP=M			X				X	
T4	OP PO SN EB	OP=M	OP=C			X				X	
T5	OP PO SN EB	OP=C	OP=C			X				X	
T6	OP PO SN EB	OP=C	OP=C			X				X	
T7	OP PO SN EB	OP=C	OP=S			X				X	
T8	OP PO SN EB	OP=S	OP=M			X				X	
T9	OP PO SN EB	OP=M	OP=M			X				X	
T10	OP PO SN EB	OP=S	OP=M			X				X	
T11	OP PO SN EB	OP=S	OP=S			X				X	
T12	OP PO SN EB	OP=S	OP=S			X				X	
L1	OP PO SN EB	OP=S	OP=S								
L2	OP PO SN EB	OP=S PO	OP=S PO								
L3	OP PO SN EB	OP=S	OP=S		OP				OP		
L4	OP PO SN EB	OP=S	OP=S		OP				OP		
L5	OP PO SN EB	OP=S PO	OP=S PO	OP	OP			OP	OP EB		

1. Site Name OLR00
2. Date of Record 20 02 01
3. Period Post-Med
4. Skeleton Number 921
5. Age 40
18+ Years
6. Sex (tick one) ☐ Male ☐ Female ☒ Unidentified
7. Stature ♂: 170.85 ± 3.32, ♀: 167.67 ± 3.66
8. Preservation (tick one) ☐ Excellent ☐ Good ☐ Poor ☒ Destroyed
9. Summary of Pathological Conditions Fusion of Right Sacro-Lum Joint.

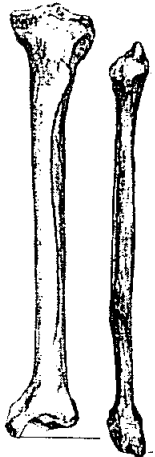
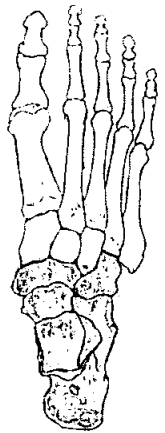
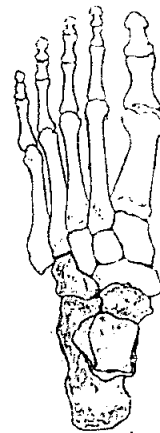
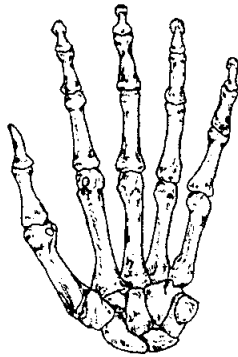
10. Diagram of Bones Present 1



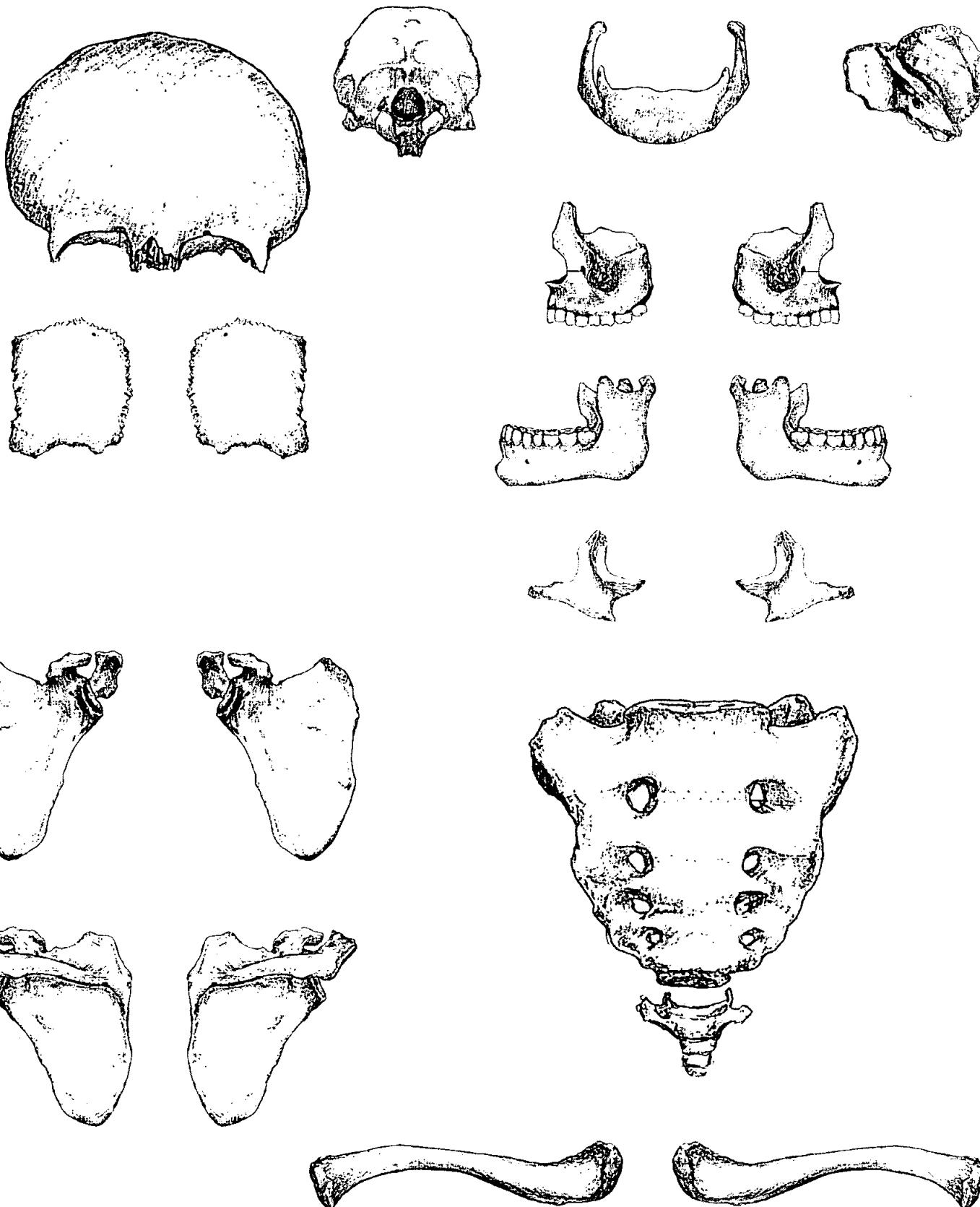
11. Diagram of Bones Present 2



IM.O-SUAPT
METACARPAL
FRAG.



12. Diagram of Bones Present 3



Adult Age Estimation

13. Epiphyseal Fusion

PROXIMAL END OF RIGHT FEMUR FUSED. C. 18+ YEARS.

14. Dental Eruption and Development

NO DENTITION RECOVERED.

15. Dental Attrition

NO DENTITION RECOVERED.

16. Pubic Symphyses

METHOD NOT ATTEMPTED. NO PUBIC SYMPHYSES RECOVERED.

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

METHOD NOT ATTEMPTED. NO STERNAL ENDS OF RIBS RECOVERED.

18. Cranial Suture Closure

METHOD NOT ATTEMPTED. NO CRANIUM RECOVERED.

19. Ilium Auricular Surface

METHOD NOT ATTEMPTED. NO I.A.S. RECOVERED.

20. Degenerative Joint Disease

NO VERTEBRAL BODIES RECOVERED.

21. Comments

AGED AS ADULT. 18+ YEARS.

Sexing

Skull - NO CRANIUM RECOVERED.

22. Supraorbital Ridges

23. Mastoid Processes

24. Posterior Zygomatic Arch

25. Nuchal Crest/Occipital Protuberance

26. Anterior Mandible

27. Orbital Rims

Pelvis

28. Sciatic Notch

PEREVAL AREA NOT RECOVERED ON O6 CORNER.

29. Subpubic Angle

30. Subpubic Concavity

31. Ischio-Pubic Ramus

32. Ventral Arc

33. Preauricular Sulcus

34. Obturator Foramen

35. Pelvic Brim

36. Acetabulum

MALE (?)

37. Ilium Auricular Surface

PEREVAL AREA NOT RECOVERED ON O6 CORNER

Sacrum

38. Segments

MALE (?)

39. Morphology

SACRUM TOO DAMAGED TO TELL FROM.

Sternum

STERNUM NOT RECOVERED.

Dentition - No Dentition Recovered

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

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

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

		M1				M2				M3			
		Mandible								Maxilla			
		Left		Right		Left		Right		Left		Right	
M1		B	M	L	B	M	L	B	M	L	B	M	L
		D			D			D			D		
M2													
M3													

43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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

45. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occusal
Mesial
Distal
Buccal / Labial
Lingual
Multiple

47. Abscess

Internal Drain
External Drain

48. Dental Anomalies

.....
.....
.....
.....
.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L Non Recovered	R 43
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L Non Recovered	R Incomplete
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L Non Recovered	R Non Recovered
Radius Head Diameter >23mm = ♂, <21mm = ♀	L Non Recovered	R Non Recovered
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L Non Recovered	R Non Recovered
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L Non Recovered	R Non Recovered

50. Cranial Non-metrics — CRANIUM Non Recovered.

Highest Nuchal Line	.....
Ossicle at Lambda	.....
Bregmatic Bone	.....
Access. Lesser Pal. For	.....
Palatine Torus	.....
Metopism	.....
Lambdoid Ossicle	.....
Coronal Ossicle	.....
Epipteric Bone	.....
Ossicle at Asterion	.....
Parietal Notch Bone	.....
Fronto-temporo Articulation	.....
Parietal Foramen	.....
Access Infraorb. For	.....
Zygomat. Facial. For	.....
Frontal. For	.....
Foramen of Huschke	.....
Auditory Torus	.....
Mandibular Torus	.....
Torus Maxillares	.....
Precondylar Tubercle	.....
Foramen Ovale	.....
Supra-Orbital Foramen	.....
Postcondylar facet	.....
Foramen Spinosum	.....
Posterior Cond. Canal	.....
Condylar Facet	.....
Mastoid Foramen	.....
Ant. Ethmoid Foramen	.....
Post. Ethmoid Foramen	.....
Anterior Condylar Canal	.....

51. Humerus

	unsided	left	right
sepal aperture	<input type="text"/>	<input type="text"/>	<input type="text"/>
supra-conyloid process	<input type="text"/>	<input type="text"/>	<input type="text"/>

Scapula

supra-scapular foramen/notch	<input type="text"/>	<input type="text"/>	<input type="text"/>
acromial articular facet	<input type="text"/>	<input type="text"/>	<input type="text"/>

Atlas

facet form double/single	<input type="text"/>	<input type="text"/>	<input type="text"/>
lateral bridge	<input type="text"/>	<input type="text"/>	<input type="text"/>
posterior bridge	<input type="text"/>	<input type="text"/>	<input type="text"/>
transverse foramen biparite	<input type="text"/>	<input type="text"/>	<input type="text"/>

Pelvis

accessory facets	<input type="text"/>	<input type="text"/>	Fused To Sacrum
------------------	----------------------	----------------------	-----------------

Sacrum

accessory facets	<input type="text"/>	A	Fused To Sacrum
spina bifida occulta	A	<input type="text"/>	<input type="text"/>

Femur

allen's fossa	<input type="text"/>	<input type="text"/>	A
polirier's facet	<input type="text"/>	<input type="text"/>	A
plaque	<input type="text"/>	<input type="text"/>	✓
third trochanter	<input type="text"/>	<input type="text"/>	A
hypotrochanteric fossa	<input type="text"/>	<input type="text"/>	A
exostois in trochanteric fossa	<input type="text"/>	<input type="text"/>	A

Patella

vastus notch	<input type="text"/>	A	A
vastus fossa	<input type="text"/>	A	A
emarginate patella	<input type="text"/>	A	A

Tibia

facet form double	<input type="text"/>	A	A
facet form single	<input type="text"/>	✓	✓

Calcaneus

facet form double	<input type="text"/>	A	A
facet form single	<input type="text"/>	✓	✓

52.

left

right

unsided

Cranial and Facial Metrics — *No Cranium Recovered.*

Porion Bregma Height			
Orbital Breadth (O'1)			
Orbital Length (O'2)			
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			
Max. Cranial Breadth (B)			
Min. Frontal Breadth (B')			
Basion Bregma height (H')			
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			
Nasal Height (NH')			
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics — *No Mandible Recovered.*

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEI Bicond Width

Incomplete

29

33

43

Incomplete

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

Incomplete

Incomplete

Incomplete

Incomplete

366

71

34

26

Fibula

FiL1 Max. L

Incomplete

Incomplete

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

Radius

RaL1 Max. L

Ulna

UiL1 Max. L

Clavicle

CiL1 Max. L

921
OLR 700

Skeleton Recording Sheet (Adult)

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

Atlas

Max. Internal width

--

--

Sternum

SL Max. L. Body
ML max. L. Manbrium

Sacrum

SacL Max. L
SacB Max. B

incomplete
incomplete

Indices

Cranial

Height/Length
Height/Breadth

==

Nasal

Upper Facial
~~Foreminal~~ *Nasal*
Palatal
Orbital
Mean Porion Height

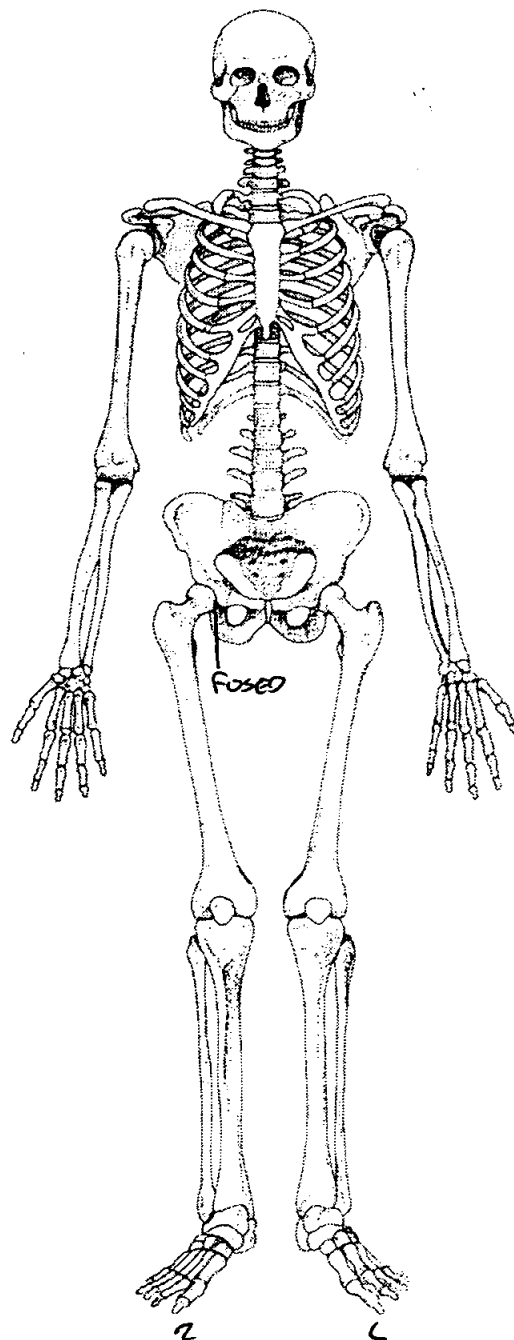
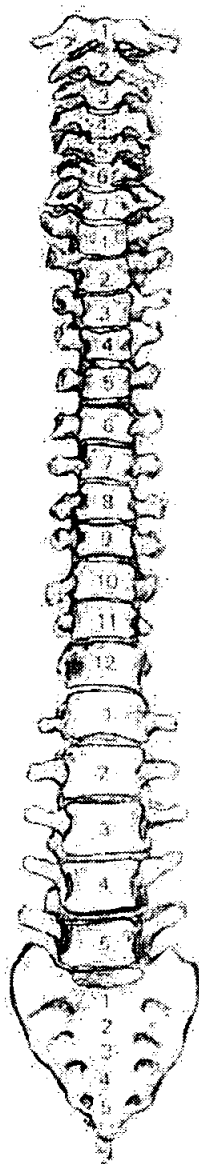
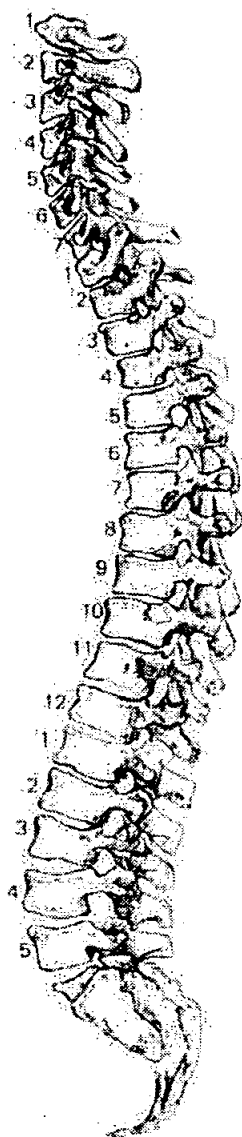
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—

Post Cranial

Platymetric
Platycnemic
Radio-Humeral
Robusticity

87.88
66.67

55. Pathological Distribution



56. Pathological Description

* THE RIGHT SACRO-ILIAC JOINT HAS BEEN FUSED TOGETHER. QUITE OFTEN CAN BE A
SIGN OF ANKYLOSING SPONDYLITIS BUT SKELETON TOO DESTROYED TO PROVIDE
DIAGNOSIS. OTHER POSSIBLE REASONS - TRAUMA OR DEGENERATIVE

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB										
C7	OP PO SN EB										
T1	OP PO SN EB										
T2	OP PO SN EB										
T3	OP PO SN EB										
T4	OP PO SN EB										
T5	OP PO SN EB										
T6	OP PO SN EB										
T7	OP PO SN EB										
T8	OP PO SN EB										
T9	OP PO SN EB										
T10	OP PO SN EB										
T11	OP PO SN EB										
T12	OP PO SN EB										
L1	OP PO SN EB										
L2	OP PO SN EB										
L3	OP PO SN EB										
L4	OP PO SN EB										
L5	OP PO SN EB										

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

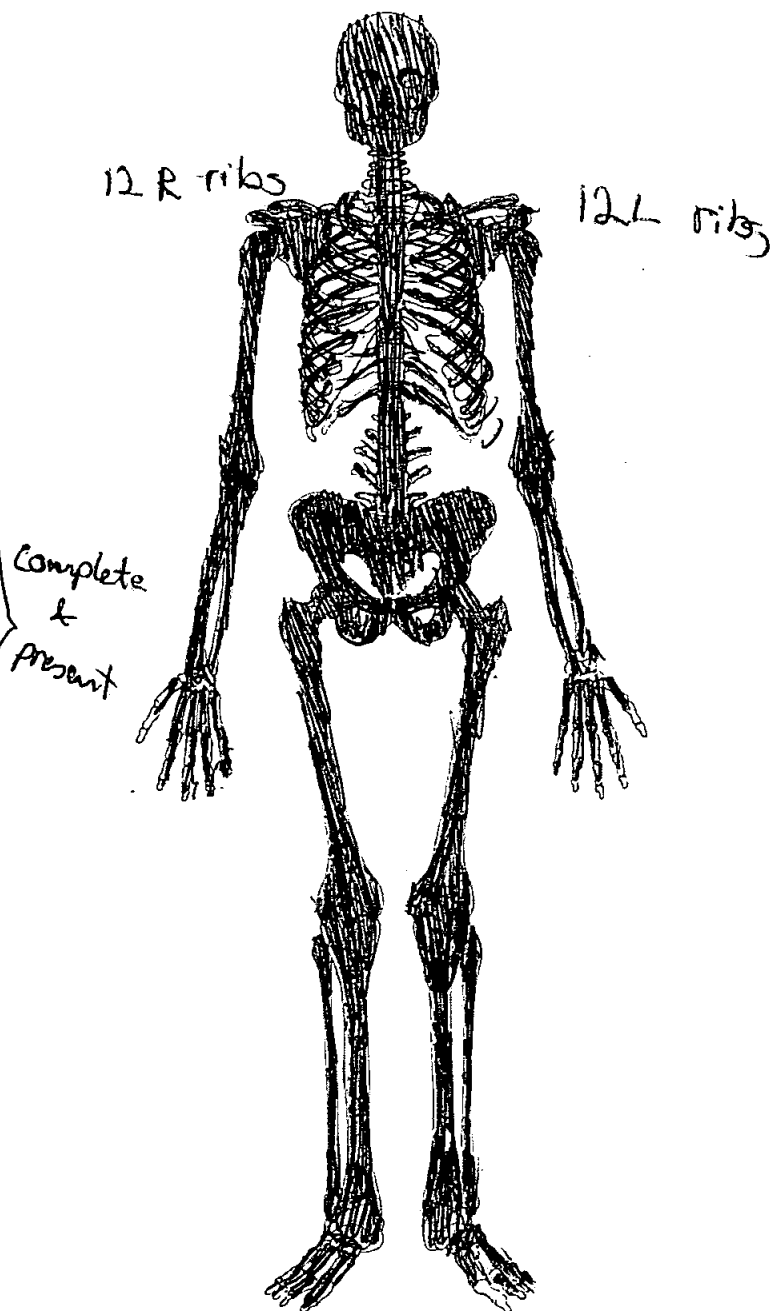
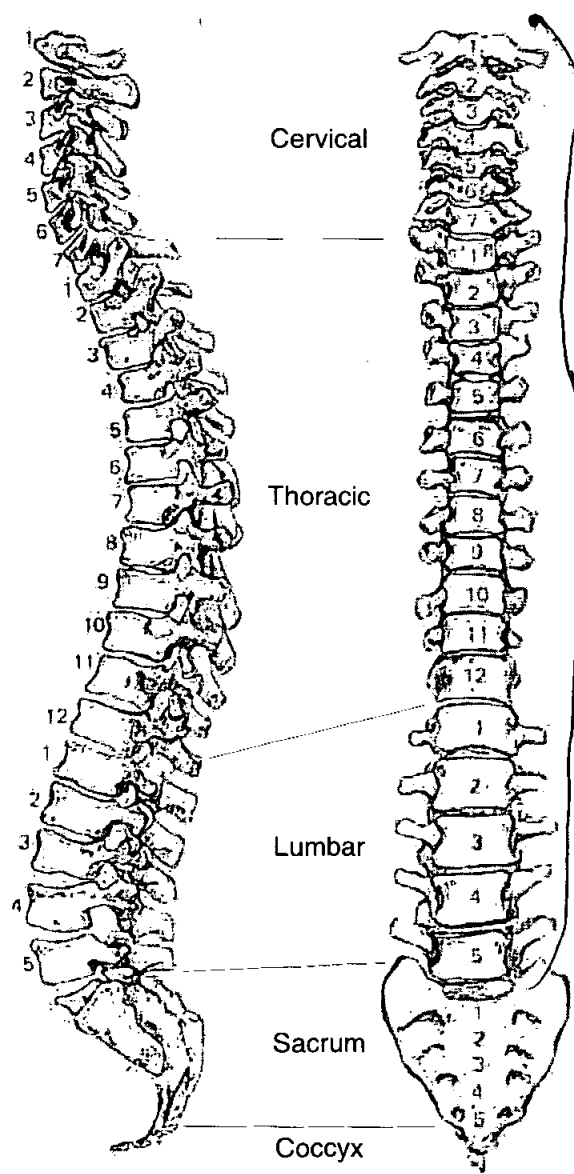
9 = TRANS. PROC

10 = COSTAL FACETS

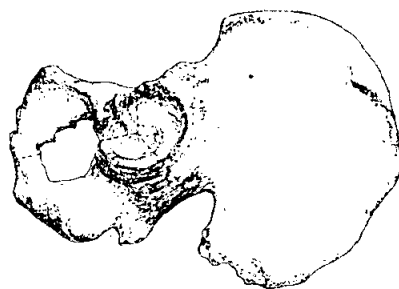
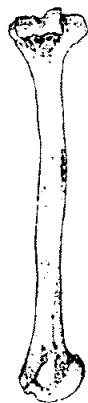
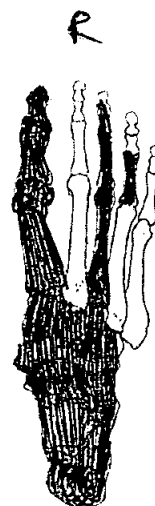
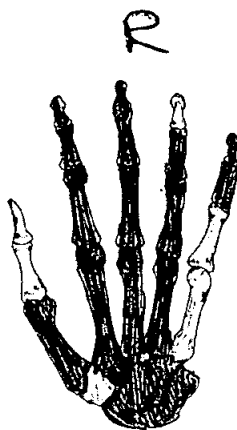
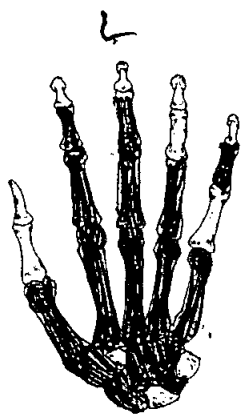
59. Further notes

1. Site Name OLR CO
2. Date of Record 31 01 01
3. Period P-M
4. Skeleton Number 922
5. Age 24-28
6. Sex (tick one) ☐ Male ☒ Female ☐ Unidentified
7. Stature 159.25 ± 3.55 cm
8. Preservation (tick one) ☒ Excellent ☐ Good ☐ Poor ☐ Destroyed
but dirty
9. Summary of Pathological Conditions
Cribra orbitalia = Active
Rickets = healed

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

Fusing, clavicles (25-28 yrs)

14. Dental Eruption and Development

15. Dental Attrition

25

16. Pubic Symphyses

Damaged

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

Phase 4 ♀ = 24-30

18. Cranial Suture Closure

19. Ilium Auricular Surface

25-29

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

M

23. Mastoid Processes

M

24. Posterior Zygomatic Arch

F

25. Nuchal Crest/Occipital Protuberance

F

26. Anterior Mandible

M

27. Orbital Rims

M

Pelvis

28. Sciatic Notch

F?

29. Subpubic Angle

F

30. Subpubic Concavity

F

31. Ischio-Pubic Ramus

M

32. Ventral Arc

—

33. Preauricular Sulcus

F

34. Obturator Foramen

F?

35. Pelvic Brim

F

36. Acetabulum

F

37. Ilium Auricular Surface

F

Sacrum

38. Segments

F

39. Morphology

F

Sternum

OLR 008 922

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

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

Handwritten notes: NP above tooth 5, R above tooth 6, NP below tooth 6.

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

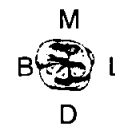
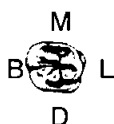
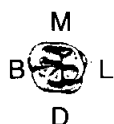
Left

Right

Left

Right

M1



M2



M3



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

Handwritten notes: 1xG above tooth 7, 1xL above tooth 6, 1xL above tooth 5, 3xL above tooth 3, 1xG above tooth 4, 1xG above tooth 5, 1xG above tooth 7.

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

LS	LS	LS			LME				LME		LS	LS	MS	LS	LS
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

45. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occusal
Mesial
Distal
Buccal / Labial
Lingual
Multiple

47. Abscess

Internal Drain
External Drain

48. Dental Anomalies

.....
.....
.....
.....
.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 43.82	R 43.08
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 72.5	R 72.2
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 41.58	R 42.3
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 20.42	R 21.2
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 24.6	R 24.74
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 135.12	R 138.82

A = Absent, P = Present, NP = Not present, NO = Not Observable
L = Left, R = Right

50. Cranial Non-metrics

Highest Nuchal Line	Absent
Ossicle at Lambda	Present
Bregmatic Bone	Absent
Access. Lesser Pal. For	L + R = A
Palatine Torus	L + R = A
Metopism	L + R = A
Lambdoid Ossicle	L + R = A
Coronal Ossicle	L + R = A
Epipteric Bone	L + R = A
Ossicle at Asterion	L + R = A
Parietal Notch Bone	L + R = A
Fronto-temporo Articulation	L + R = A
Parietal Foramen	L = P, R = A
Access Infraorb. For	R + L = A
Zygomat. Facial. For	L + R = P
Frontal. For	L + R = A
Foramen of Huschke	L + R = A
Auditory Torus	L + R = A
Mandibular Torus	L + R = A
Torus Maxillares	L + R = A
Precondylar Tubercle	A
Foramen Ovale	Absent (complete) R + L
Supra-Orbital Foramen	Absent Absent R + L (Notches)
Postcondylar facet	R + L = A
Foramen Spinosum	R + L = Present (open)
Posterior Cond. Canal	R + L = A
Condylar Facet	Left = P (Double) R = A (single)
Mastoid Foramen	R + L = P (Extra sutural)
Ant. Ethmoid Foramen	R + L = A
Post. Ethmoid Foramen	R + L = A
Anterior Condylar Canal	L = P (Double) R = A (single)



Oxford
Archaeological
Unit

A = Absent, P = Present, NP = Bone not present
No = Not observable

Skeleton Recording Sheet (Adult)

OLR 922

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		A	A

Atlas

facet form double/single		P	A
lateral bridge		A	A
posterior bridge		P	P
transverse foramen bipartite		A	CG

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		A	A
spina bifida occulta		A	A

Femur

allen's fossa		A	A
polier's facet		A	A
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		A	A

Patella

vastus notch		P	P
vastus fossa		A	A
emarginate patella		A	A

Tibia

med. squath. facet form double		A	A
lat squath. facet form single		P	P

Calcaneus

facet form double		P	P
facet form single		A	A

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
✗ Orbital Breadth (O'1)	38.52	37.76	
✗ Orbital Length (O'2)	37.10	37.10 37.20	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
✗ Max. Cranial Length (L)			✗ 182
✗ Max. Cranial Breadth (B)			✗ 133
✗ Min. Frontal Breadth (B')			101
✗ Basion Bregma height (H')			✗ 134
✗ Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			72.20
Bimaxillary Breadth (GB)			
✗ Bizygomatic Breadth (J)			101
✗ Nasal Height (NH')			50.32
Nasal Breadth (NB)			20.02
Sup. Nasal Breadth (NB')			
✗ Palatal Length (G'1)			42.86
✗ Palatal Breadth (G'2)			34.10
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			119
Bicondylar Breadth WI			119
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			31.80
Mandibular Angle MZ			
Bigonial Breadth OoGo			95
Max. Mandibular Length			65

OLR 922

53.

left

right

Femur

FeL1 Max. L	425	421
FeL2 Obl. L		
FeD1 A-P Subtroch DI	27.76	29.32
FeD2 M-L Subtroch DI	31.98	31.40
FeDs Max. DI Head	43.82	43.08
C Midshaft Circ.		
FeEI Bicond Width	72.5	72.2

Tibia

TiL1 Max. L	338	334
TiB1 Bicond Width	66.72	67.16
TiD1 A-P DI. Nut. For	28.52	29.42
TiD2 M-L DI. Nut. For	24.22	24.32

Fibula

FiL1 Max. L	335	333
-------------	-----	-----

Humerus

HuL1 Max. L	300	300
HuD5 Max. DI Head	41.58	42.30
HC Midshaft Circ		

Radius

RaL1 Max. L	212	212
-------------	-----	-----

Ulna

UiL1 Max. L	227	229
-------------	-----	-----

Clavicle

CiL1 Max. L	135.20	138.82
-------------	--------	--------

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

34.42
24.6

34.72
24.74

Atlas

Max. Internal width

26.30

Sternum

SL Max. L. Body
ML max. L. Manbrium

92.68
44.32

Sacrum

SacL Max. L
SacB Max. B

111.58
127.60

Indices

Cranial

Height/Length
Height/Breadth

73.6
100.7

Nasal

Upper Facial
Foreminal *Nasal*
Palatal
Orbital
Mean Porion Height

71.5
39.78
79.56
96.31
X

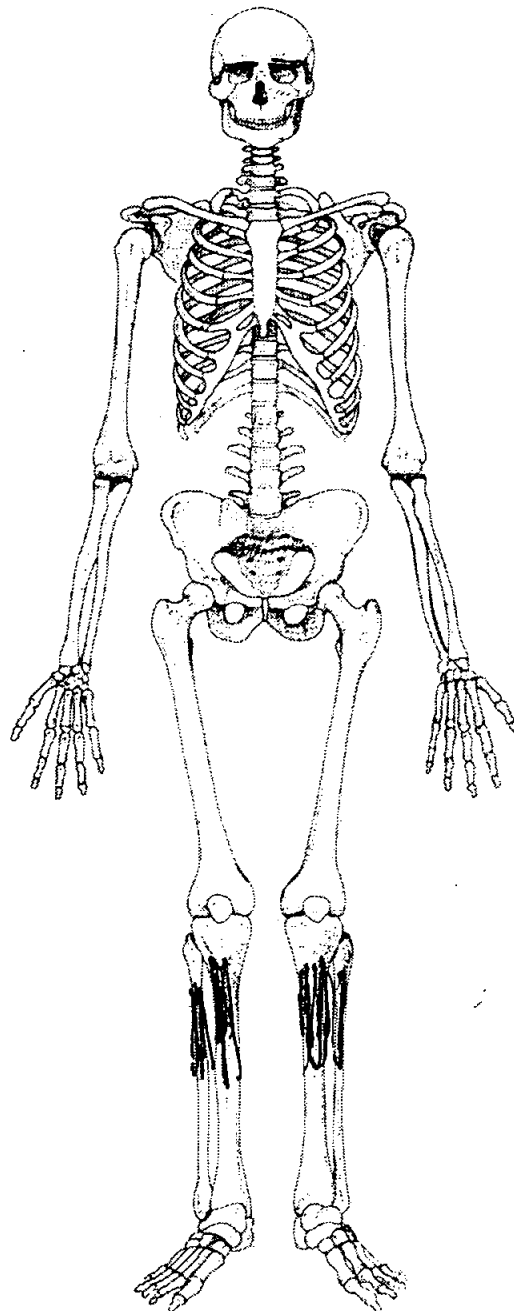
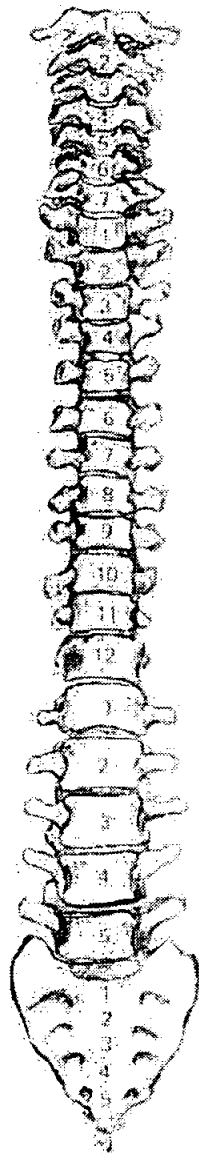
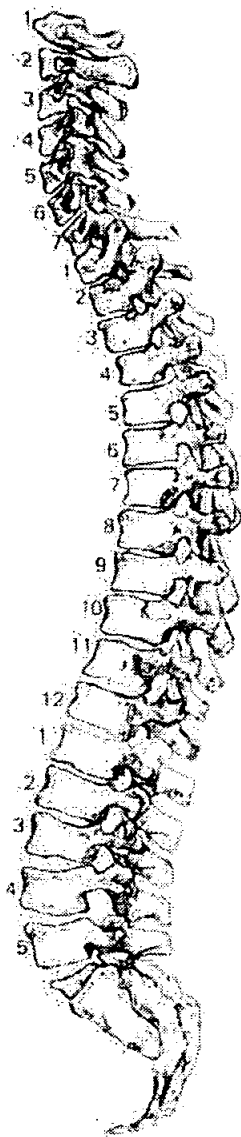
Post Cranial

Platymeric
Platycnemic
Radio-Humeral
Robusticity

86.8
84.9
70.6

93.4
82.70
70.6

55. Pathological Distribution

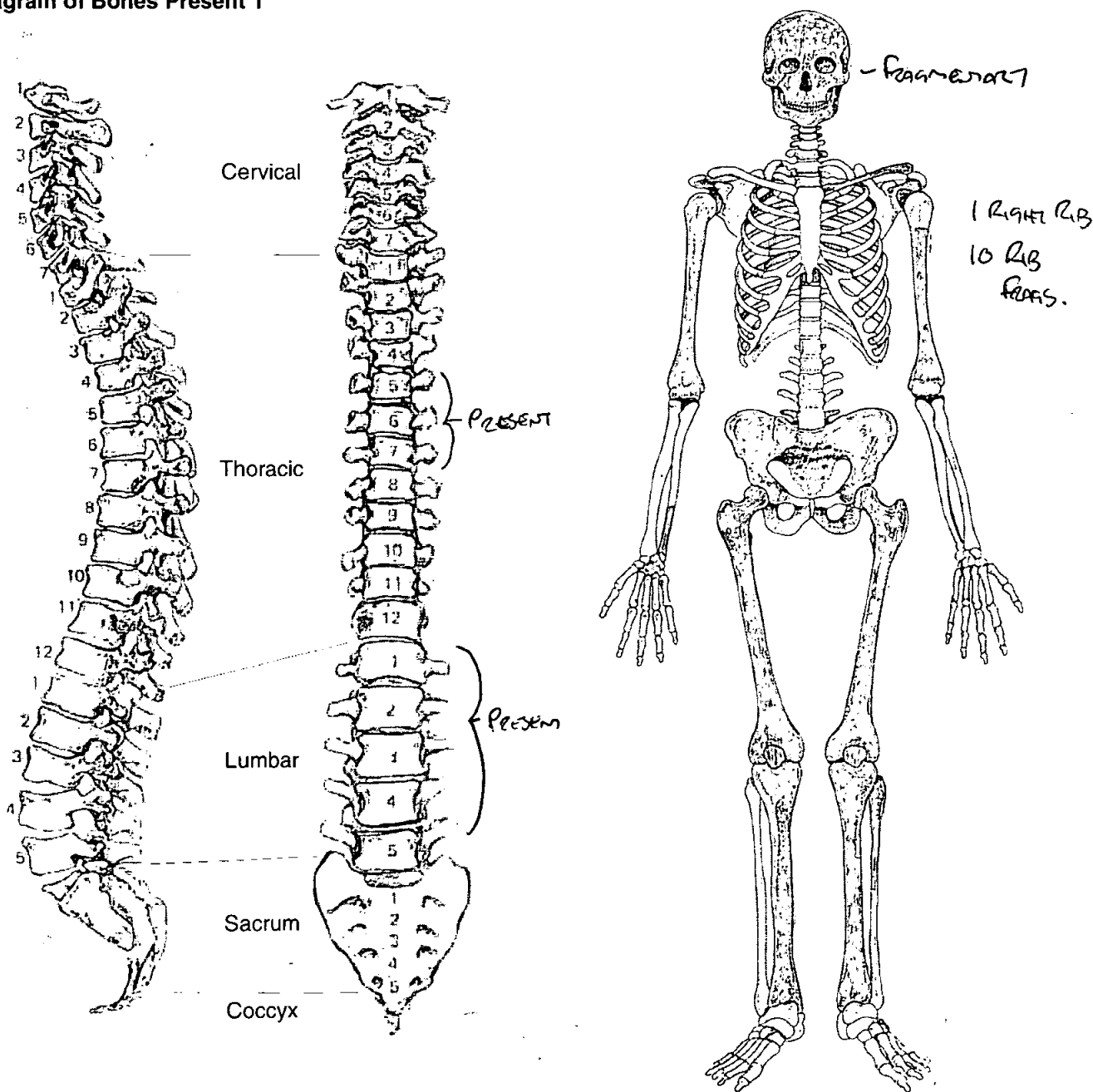


56. Pathological Description

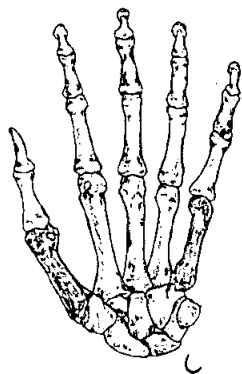
- * Cribra Orbitalia - bilateral consist of scattered fine foramina - Grade I is active at time of death.
- * slight lateral bowing of the fibula & tibia, left & right. Rickets = healed.

1. Site Name OLR00
2. Date of Record 02 02 01
3. Period Post-Med
4. Skeleton Number 923
5. Age Young Adult
(Possibly 18-25 years)
- Very little ageing evidence
6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified
7. Stature 171.71 ± 2.99 cm
8. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor ☐ Destroyed
9. Summary of Pathological Conditions DENTAL DISEASE; CROMIOMETRY

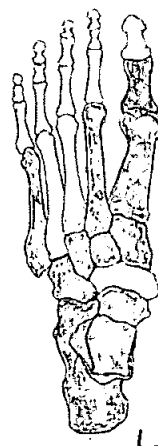
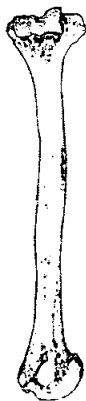
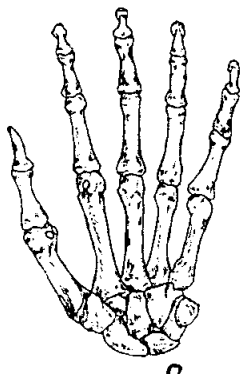
10. Diagram of Bones Present 1



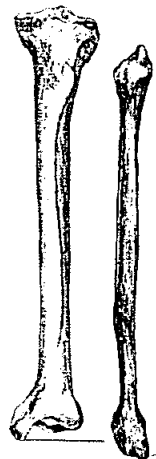
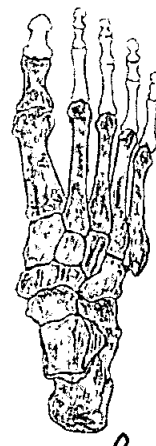
11. Diagram of Bones Present 2



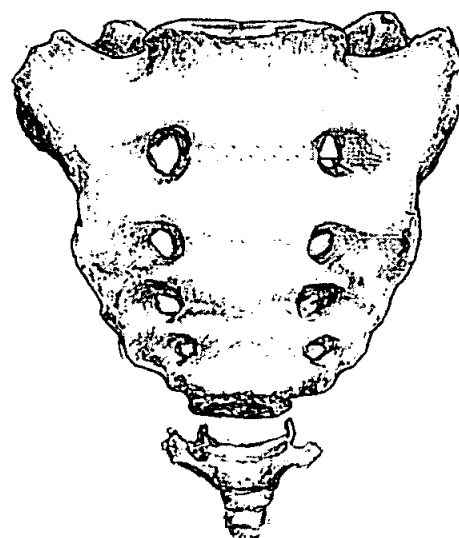
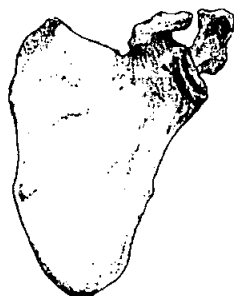
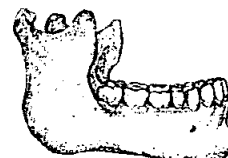
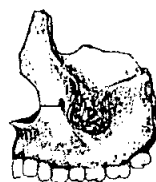
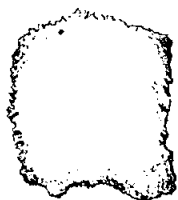
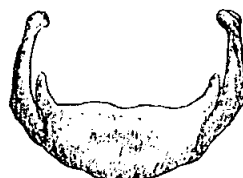
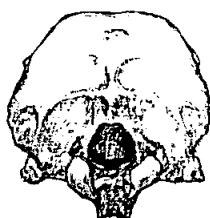
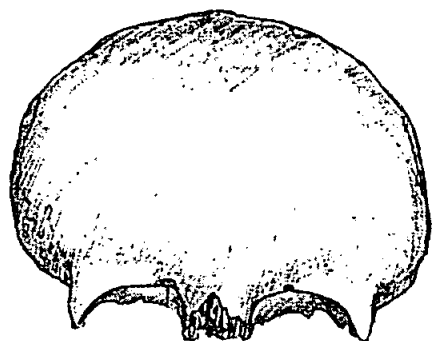
1 PROXIMAL
PHALANX



6 DISTAL
PHALANXES;
5 PROXIMAL
PHALANXES



12. Diagram of Bones Present 3



Adult Age Estimation

13. Epiphyseal Fusion

18+ Proximal + Distal Ends Of femur fused. All
LATER Fusion Centres ossified.

14. Dental Eruption and Development

UP Erupted - But Lost P/M. C18+ Years.

15. Dental Attrition

MAXILLARY MZ's C18-25 YEARS.

16. Pubic Symphyses

RELEVANT PART OF OS COXAEE NOT RECOVERED.

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

RELEVANT PARTS NOT RECOVERED

18. Cranial Suture Closure

CRANIUM TOO FRAGMENTARY

19. Ilium Auricular Surface

RELEVANT PART OF OS COXAEE NOT RECOVERED

20. Degenerative Joint Disease

VERTEBRAE TOO FRAGMENTARY

21. Comments

DUE TO THE INCOMPLETE NATURE OF THE
REMAINS; THIS INDIVIDUAL HAS BEEN AGED
AS A YOUNG ADULT (POSSIBLY 18-25 YEARS).
ALSO INTERCOSTAL DISC OF S1-S2 FUSION.

Sexing

Skull

22. Supraorbital Ridges

MALE (?)

23. Mastoid Processes

RELEVANT PART OF CRANIUM MISSING

24. Posterior Zygomatic Arch

11

25. Nuchal Crest/Occipital Protuberance

11

26. Anterior Mandible

MALE (?)

27. Orbital Rims

MALE

Pelvis

28. Sciatic Notch

MALE

29. Subpubic Angle

RELEVANT PART OF OS COXAE NOT RECOVERED

30. Subpubic Concavity

"

31. Ischio-Pubic Ramus

"

32. Ventral Arc

"

33. Preauricular Sulcus

MALE

34. Obturator Foramen

RELEVANT PART OF OS COXAE NOT RECOVERED

35. Pelvic Brim

"

36. Acetabulum

MALE

37. Ilium Auricular Surface

RELEVANT PART OF OS COXAE NOT RECOVERED

Sacrum

38. Segments

BONE TOO INCOMPLETE

39. Morphology

"

Sternum

BONE NOT RECOVERED

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

L	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8	R
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8	
	NP		C														

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

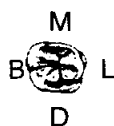
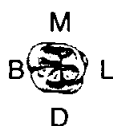
Left

Right

Left

Right

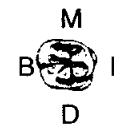
M1



M2



M3



43. Dental Hypoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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

45. Periodontal Disease (Brothwell 1981)

S = Slight 37 47
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Occlusal
Mesial
Distal
Buccal / Labial
Lingual
Multiple

Small Medium Large

67
UL 74 LS
UL
UL

47. Abscess

Internal Drain
External Drain

48. Dental Anomalies

67 APPEARS TO HAVE BROKE BUCCALLY BEFORE
LUDLOWAC DIED.

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 44	R 46
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 69	R 74
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L RELEVANT PART OF BONE ABSENT.	R RELEVANT PART OF BONE ABSENT.
Radius Head Diameter >23mm = ♂, <21mm = ♀	L RELEVANT PART OF BONE ABSENT.	R BONE NOT RECOVERED
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L BONE NOT RECOVERED.	R BONE NOT RECOVERED.
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L BONE NOT RECOVERED.	R BONE INCOMPLETE.

50. Cranial Non-metrics - DUE TO THE FRAGMENTARY NATURE OF THE REMAINS NO CRANIAL
NON METRICS WERE LOOKED FOR.

Highest Nuchal Line	.....
Ossicle at Lambda	.....
Bregmatic Bone	.....
Access. Lesser Pal. For	.....
Palatine Torus	.....
Metopism	.....
Lambdoid Ossicle	.....
Coronal Ossicle	.....
Epipteric Bone	.....
Ossicle at Asterion	.....
Parietal Notch Bone	.....
Fronto-temporo Articulation	.....
Parietal Foramen	.....
Access Infraorb. For	.....
Zygomat. Facial. For	.....
Frontal. For	.....
Foramen of Huschke	.....
Auditory Torus	.....
Mandibular Torus	.....
Torus Maxillares	.....
Precondylar Tubercle	.....
Foramen Ovale	.....
Supra-Orbital Foramen	.....
Postcondylar facet	.....
Foramen Spinosum	.....
Posterior Cond. Canal	.....
Condylar Facet	.....
Mastoid Foramen	.....
Ant. Ethmoid Foramen	.....
Post. Ethmoid Foramen	.....
Anterior Condylar Canal	.....

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula *Bone Not Recovered*

supra-scapular foramen/notch			
acromial articular facet			

Atlas *Bone Not Recovered*

facet form double/single			
lateral bridge			
posterior bridge			
transverse foramen biparite			

Pelvis *RELEVANT AREA OF BONE MISSING*

accessory facets			
------------------	--	--	--

Sacrum

accessory facets	<i>Bone Incomplete</i>		
spina bifida occulta	A		

Femur

allen's fossa		A	A
polirier's facet		A	A
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		A	A

Patella

vastus notch		A	A
vastus fossa		A	A
emarginate patella		A	A

Tibia

facet form double		A	A
facet form single		A	A

Calcaneus

facet form double		✓	✓
facet form single		A	A

52.

left

right

unsided

Cranial and Facial Metrics

Due To The Fragmentary Nature Of Cranium No Metrics Attempted.

Porion Bregma Height			
Orbital Breadth (O'1)			
Orbital Length (O'2)			
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			
Max. Cranial Breadth (B)			
Min. Frontal Breadth (B')			
Basion Bregma height (H')			
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			
Nasal Height (NH')			
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Due To The Incomplete Nature Of The Mandible No Acc Measurements Attempted.

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			31
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			

53.

left

right

Femur

FeL1 Max. L

463

458

FeL2 Obl. L

FeD1 A-P DI } MIDSHAFT

30

25

FeD2 M-L DI

26

25

FeDs Max. DI Head

44

46

C Midshaft Circ.

FeEI Bicond Width

69

74

Tibia

TiL1 Max. L

371

371

TiB1 Bicond Width

71

77

TiD1 A-P DI. Nut. For

30

31

TiD2 M-L DI. Nut. For

22

24

Fibula

FiL1 Max. L

Not Recovered

Incomplete

Humerus

HuL1 Max. L

Incomplete

Incomplete

HuD5 Max. DI Head

Incomplete

Incomplete

HC Midshaft Circ

Radius

RaL1 Max. L

Incomplete

Not Recovered

Ulna - Bones Not Recovered

UiL1 Max. L

Clavicle

ClL1 Max. L

Incomplete

Incomplete

Not Recovered

54.

left

right

Scapula Bone Not Recovered

GC2 Glen. Cav. L
GC2 Glen. Cav. B

Atlas Bone Not Recovered

Max. Internal width

--

--

Sternum Bone Not Recovered

SL Max. L. Body
ML max. L. Manbrium

Sacrum - Bone Incomplete

SacL Max. L
SacB Max. B

Indices

Cranial

Height/Length
Height/Breadth

Nasal

Upper Facial
Foraminal Nasal
Palatal
Orbital
Mean Porion Height

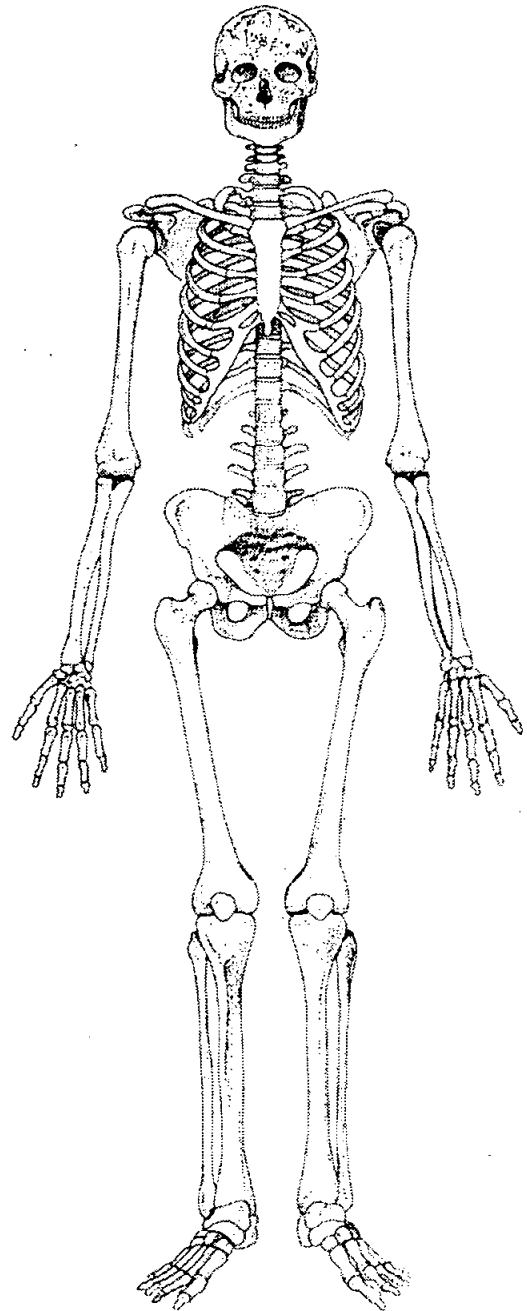
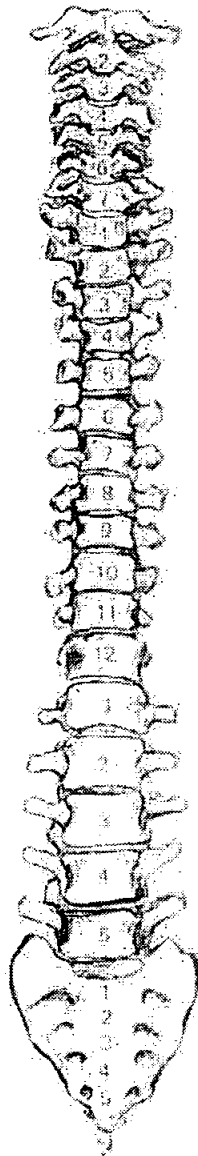
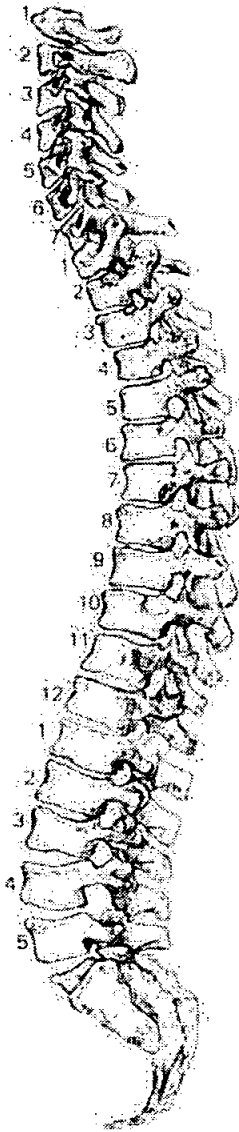
Post Cranial

Platymeric
Platycnemic
Radio-Humeral
Robusticity

73.3

77.4

55. Pathological Distribution



56. Pathological Description

A CRANIOMETRY HAD BEEN PERFORMED UPON THIS INDIVIDUAL. THE CUT
WAS MADE ALONG THE FRONTAL - OCCIPITAL REGION OF THE SKULL. IT RUNS APPROXIMATELY
ONE CENTIMETER ABOVE THE ORBITS. WITHIN THE REGION OF
THE LEFT PARIETAL / TEMPORAL THERE IS A SMALL "NICK"
↳ IN AN OTHERWISE STRAIGHT CUT.

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB										
C7	OP PO SN EB										
T1	OP PO SN EB										
T2	OP PO SN EB										
T3	OP PO SN EB										
T4	OP PO SN EB										
T5	OP PO SN EB										
T6	OP PO SN EB										
T7	OP PO SN EB										
T8	OP PO SN EB										
T9	OP PO SN EB										
T10	OP PO SN EB										
T11	OP PO SN EB										
T12	OP PO SN EB										
L1	OP PO SN EB										
L2	OP PO SN EB										
L3	OP PO SN EB										
L4	OP PO SN EB										
L5	OP PO SN EB										

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

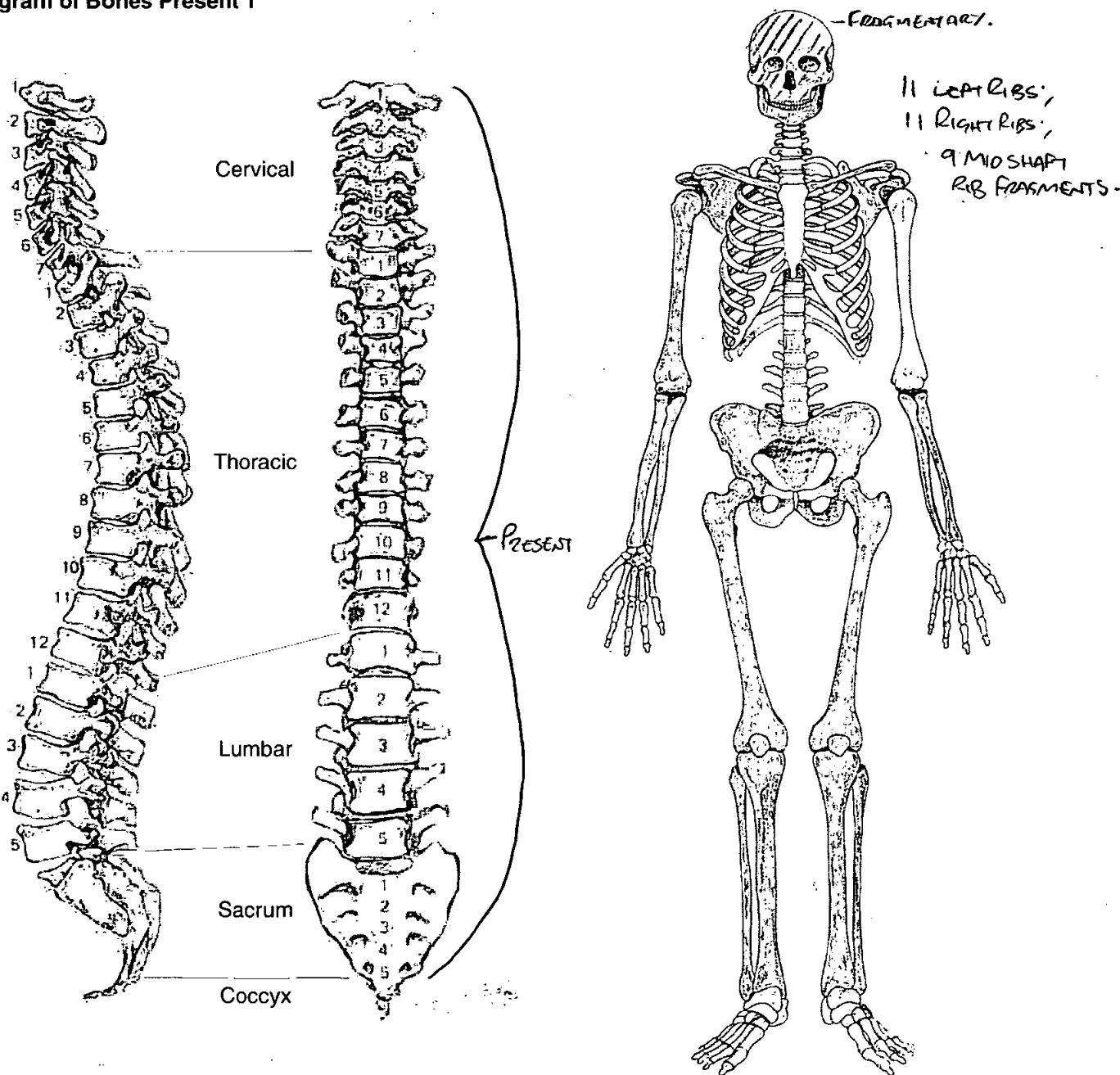
10 = COSTAL FACETS

59. Further notes

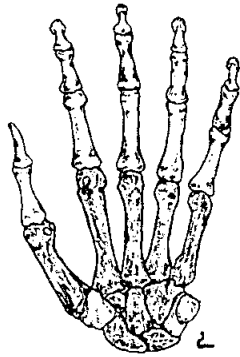
BONES WERE VERY DEGRADED UPON THEIR SURFACES, ALSO COVERED IN MUD AND HEAVILY STAINED.

1. Site Name 01200
2. Date of Record 01 02 01
3. Period Post-Med
4. Skeleton Number 925
5. Age 45-49
6. Sex (tick one) ☐ Male ☒ Female ☐ Unidentified
7. Stature 159.4 ± 3.55 cm
8. Preservation (tick one) ☐ Excellent ☒ Good To ☒ Poor ☐ Destroyed
9. Summary of Pathological Conditions DENTAL DISEASE; OSTEOPHYTES ON DISTAL SURFACE OF LEFT + RIGHT PATELLA; OSTEOPHYTES ON THORACIC + LUMBAR VERTEBRAE; SCHUBERT'S NOSES.

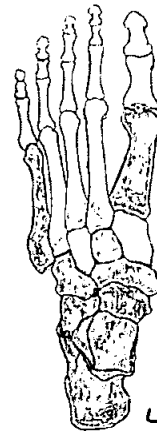
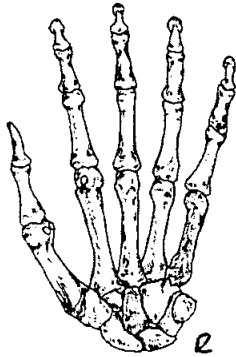
10. Diagram of Bones Present 1



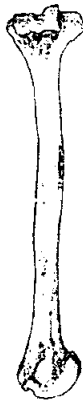
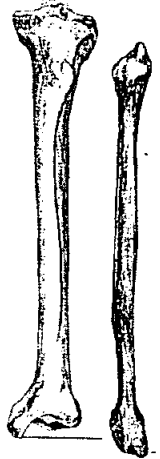
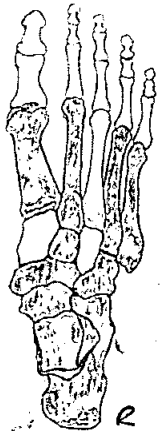
11. Diagram of Bones Present 2



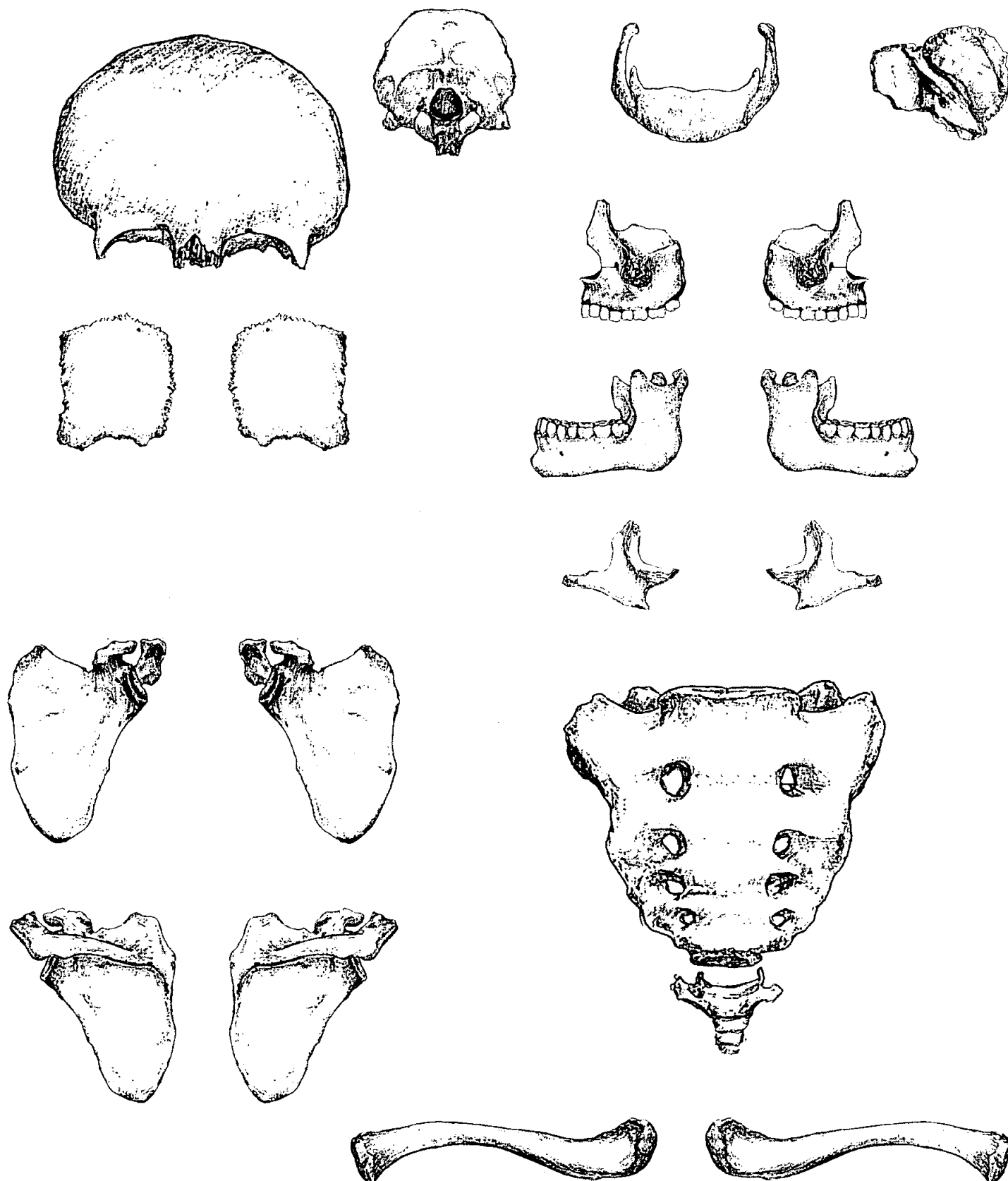
4 PROXIMAL
PHALANXES;
2 MIDDLE
PHALANXES



1 DISTAL
PHALANX
1 PROXIMAL
PHALANX



12. Diagram of Bones Present 3



Adult Age Estimation

13. Epiphyseal Fusion

STERNAL END OF CLAVICLES FUSED C. 78+ YEARS

14. Dental Eruption and Development

MAXILLA DAMAGED. MANDIBULAR M3'S APPEAR TO HAVE ERUPTED; BUT BEEN LOST AFTER MORTUITY.

15. Dental Attrition

LOWER PM'S APPEAR TO HAVE VERY LITTLE WEAR ON THEM. C. 16 YEARS

16. Pubic Symphyses

RELEVANT AREA MISSING/DAMAGED

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

NO STERNAL RIB ENDS PRESENT

18. Cranial Suture Closure

✓

19. Ilium Auricular Surface

STAGE VI - 45-49 YEARS

20. Degenerative Joint Disease

✓

21. Comments

SKULL IS A VERY FRAGMENTARY; BASED ON ILIUM AURICULAR SURFACE INDIVIDUAL IS IN LATE 40'S AGE GROUP.

Sexing

Skull

22. Supraorbital Ridges

N/P

23. Mastoid Processes

N/P

24. Posterior Zygomatic Arch

N/P

25. Nuchal Crest/Occipital Protuberance

N/P

26. Anterior Mandible

MALE (?)

27. Orbital Rims

N/P

✗ N/P - NOT PRESENT

Pelvis

28. Sciatic Notch

FEMALE

29. Subpubic Angle

NIP

30. Subpubic Concavity

NIP

31. Ischio-Pubic Ramus

NIP

32. Ventral Arc

NIP

33. Preauricular Sulcus

FEMALE

34. Obturator Foramen

NIP

35. Pelvic Brim

FEMALE (?)

36. Acetabulum

FEMALE

37. Ilium Auricular Surface

FEMALE

Sacrum

38. Segments

FEMALE

39. Morphology

FEMALE

Sternum

Base Not Present.

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

L	8	7	6	X	X	(3)	(2)	(1)	|	1	(2)	(3)	A R (4)	(5)	X	X	X	R
	8	7	6	(5)	(4)	3	2	1		1	2	3	(4)	(5)	6	7	8	
	X	X	X	/	/	/	/	/		/	/	/	C	C	X	X	X	

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

	M1		M2		M3	
	Mandible				Maxilla	
	Left	Right	Left	Right	Left	Right
M1						
M2						
M3						

43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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
			S	S							S	S			
			O/M	O/M							O/M	O/M			

45. Periodontal Disease (Brothwell 1981)

S = Slight

M = medium

C = Considerable

on ALL TEETH

46. Caries (Lukacs 1989)

Small

Medium

Large

Occlusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

.....

.....

.....

.....

.....

.....

47. Abscess

Internal Drain

External Drain

.....

FROM L4 THROUGH MAXILLA TO FRONT.

48. Dental Anomalies

.....

.....

.....

.....

.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 38	R 41
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 70	R 61
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L NIP	R 42
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 18	R 16
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 22	R 22
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 133	R 128

50. Cranial Non-metrics *DUE TO THE FRAGMENTARY NATURE OF THE SKULL NO CRANIAL
NON-METRICS WERE ATTEMPTED.*

Highest Nuchal Line	.....
Ossicle at Lambda	.....
Bregmatic Bone	.....
Access. Lesser Pal. For	.....
Palatine Torus	.....
Metopism	.....
Lambdoid Ossicle	.....
Coronal Ossicle	.....
Epipteric Bone	.....
Ossicle at Asterion	.....
Parietal Notch Bone	.....
Fronto-temporo Articulation	.....
Parietal Foramen	.....
Access Infraorb. For	.....
Zygomat. Facial. For	.....
Frontal. For	.....
Foramen of Huschke	.....
Auditory Torus	.....
Mandibular Torus	.....
Torus Maxillares	.....
Precondylar Tubercle	.....
Foramen Ovale	.....
Supra-Orbital Foramen	.....
Postcondylar facet	.....
Foramen Spinosum	.....
Posterior Cond. Canal	.....
Condylar Facet	.....
Mastoid Foramen	.....
Ant. Ethmoid Foramen	.....
Post. Ethmoid Foramen	.....
Anterior Condylar Canal	.....

51. Humerus

	unsided	left	right
septal aperture	<input type="text"/>	<input type="text"/>	<input type="text" value="A"/>
supra-conyloid process	<input type="text"/>	<input type="text"/>	<input type="text" value="A"/>

Scapula

supra-scapular foramen/notch	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
acromial articular facet	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Atlas

facet form double/single	<input type="text" value="A"/>	<input type="text"/>	<input type="text"/>
lateral bridge	<input type="text" value="A"/>	<input type="text"/>	<input type="text"/>
posterior bridge	<input type="text" value="A"/>	<input type="text"/>	<input type="text"/>
transverse foramen biparite	<input type="text" value="A"/>	<input type="text"/>	<input type="text"/>

Pelvis

accessory facets	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
------------------	----------------------	--------------------------------	--------------------------------

Sacrum

accessory facets	<input type="text" value="A"/>	<input type="text"/>	<input type="text"/>
spina bifida occulta	<input type="text" value="A"/>	<input type="text"/>	<input type="text"/>

Femur

allen's fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
polirier's facet	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
plaque	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
third trochanter	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
hypotrochanteric fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
exostoils in trochanteric fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Patella

vastus notch	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
vastus fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
emarginate patella	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Tibia

facet form double	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
facet form single	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Calcaneus

facet form double	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
facet form single	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

52.

left

right

unsided

Cranial and Facial Metrics

- NO MEASUREMENTS TAKEN DUE TO FRAGMENTARY NATURE OF SKULL.

Porion Bregma Height			
Orbital Breadth (O'1)			
Orbital Length (O'2)			
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			
Max. Cranial Breadth (B)			
Min. Frontal Breadth (B')			
Basion Bregma height (H')			
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			
Nasal Height (NH')			
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
- Bicondylar Breadth WI			117
Foramen Ment. Breadth ZZ			
- Symphyseal Height HI			78
Mandibular Angle MZ			
- Bigonial Breadth OoGo			74
- Max. Mandibular Length			113

53.

left

right

Femur

FeL1 Max. L	426	425
FeL2 Obl. L		
FeD1 A-P Subtroch DI } M. OS LAF7	22	23
FeD2 M-L Subtroch DI }	20	21
FeDs Max. DI Head	38	41
C Midshaft Circ.		
FeEI Bicond Width	70	61

Tibia

TiL1 Max. L	339	335
TiB1 Bicond Width	64	66
TiD1 A-P DI. Nut. For	21	25
TiD2 M-L DI. Nut. For	17	17

Fibula

FiL1 Max. L	323	323
-------------	-----	-----

Humerus

HuL1 Max. L	N/P	304
HuD5 Max. DI Head	N/P	42
HC Midshaft Circ		

Radius

RaL1 Max. L	216	215
-------------	-----	-----

Ulna

UiL1 Max. L	241	235
-------------	-----	-----

Clavicle

CiL1 Max. L	133	128
-------------	-----	-----

54.

left

right

Scapula

GC2 Glen. Cav. L

32

33

GC2 Glen. Cav. B

22

22

Atlas

Max. Internal width

27

Sternum Bone Not Present

SL Max. L. Body

ML max. L. Manbrium

Sacrum Bone Incomplete

SacL Max. L

SacB Max. B

Indices

Cranial

Height/Length

Height/Breadth

Nasal

Upper Facial

Foraminal Nasal

Palatal

Orbital

Mean Porion Height

Post Cranial

Platymetric

Platycnemic

80.95

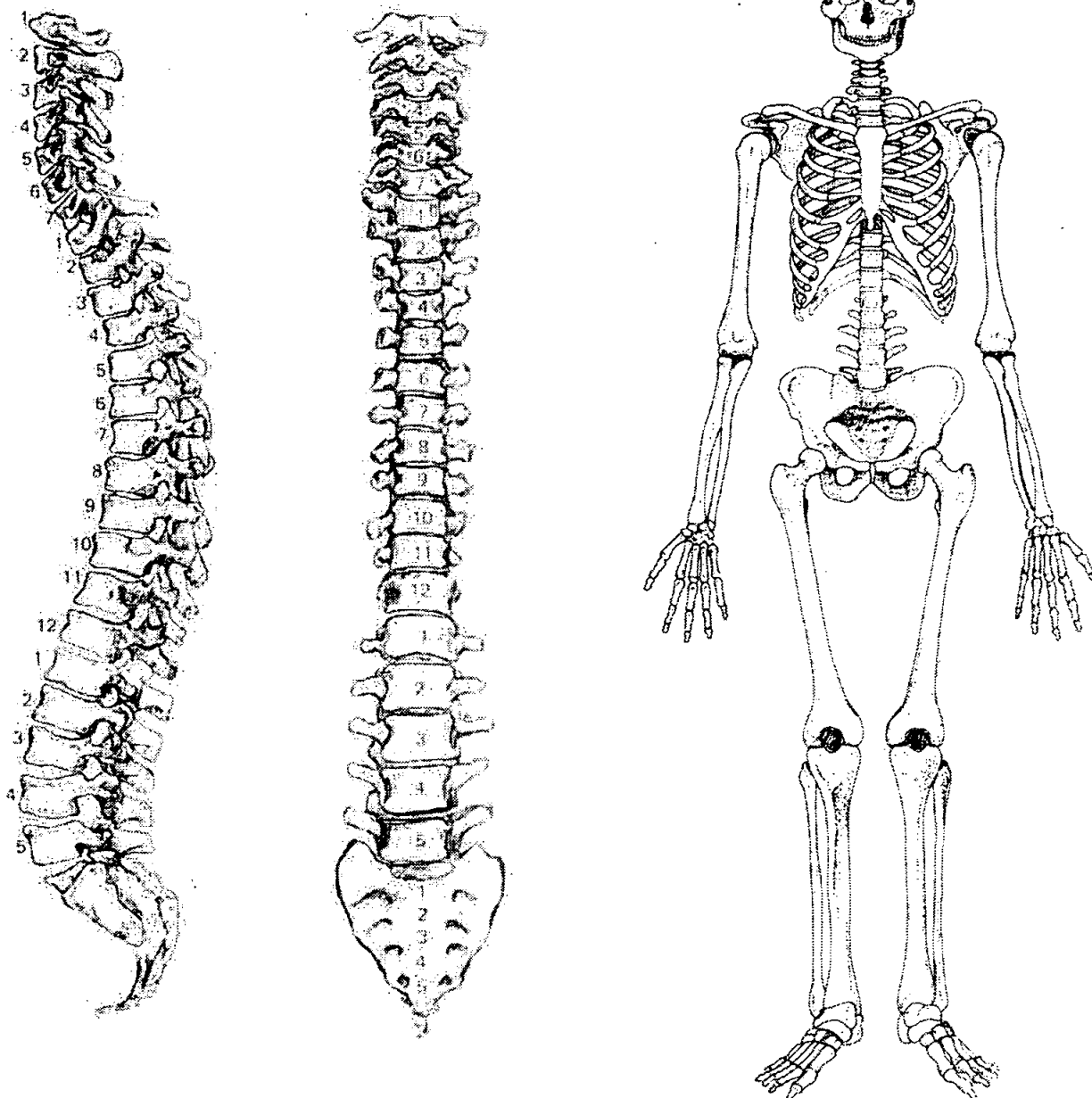
68

Radio-Humeral

70.7

Robusticity

55. Pathological Distribution



56. Pathological Description

THE DISTAL SURFACES OF BOTH PATELLA ALONG THE EDGES DISPLAY EXTRA BONY OSTEOPHYTES GROWTH. HOWEVER, THERE IS NO ASSOCIATED EVIDENCE FOR JOINT DISEASE. IT COULD BE A RESPONSE FOR MUSCLE ATTACHMENTS ON THE CLAVES.

OSTEOPHYTES WERE MODERATE TO SEVERE IN NATURE UPON T5-T11. THEY WERE FOUND ON BOTH SURFACES OF THE BODY. MODERATE OSTEOPHYTES WERE FOUND UPON THE SUPERIOR BODY OF T12. SLIGHT OSTEOPHYTES UPON BOTH SURFACES OF THE BODIES OF T1-T4 & L1 & L2.

A SCHMORL'S NODE WAS FOUND ON THE INFERIOR SURFACE OF L1.

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB										
C7	OP PO SN EB										
T1	OP PO SN EB	OP	OP								
T2	OP PO SN EB	OP	OP								
T3	OP PO SN EB	OP	OP								
T4	OP PO SN EB	OP	OP								
T5	OP PO SN EB	OP	OP								
T6	OP PO SN EB	OP	OP								
T7	OP PO SN EB	OP	OP								
T8	OP PO SN EB	OP	OP								
T9	OP PO SN EB	OP	OP								
T10	OP PO SN EB	OP	OP								
T11	OP PO SN EB	OP	OP								
T12	OP PO SN EB	OP									
L1	OP PO SN EB	OP	SN OP								
L2	OP PO SN EB	OP	OP								
L3	OP PO SN EB										
L4	OP PO SN EB										
L5	OP PO SN EB										

SLIGHT

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

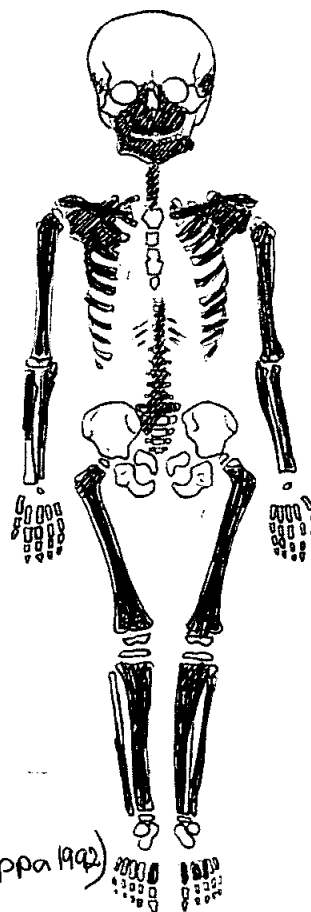
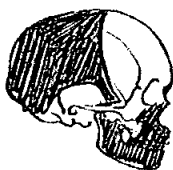
10 = COSTAL FACETS

59. Further notes

Bones were HEAVILY STAINED.

1. Site Name OLR 00
2. Date of Record 30 01 01
3. Period
4. Skeleton Number 927
5. Age 1y ± 4 mths
6. Preservation (tick one) ☐ Excellent ☒ Good / ☒ Poor ☐ Destroyed
7. Summary of Pathological Conditions Rickets

Diagram of Bones Present 1



Juvenile Age Estimation

8. Epiphyseal union 6-18 mths
9. Dental Development 1y ± 4 months
- long bone length: 8-10 mts (hoppe 1992)

Postcranial Measurements

- | | L | R | | L | R |
|--------------------|----------------------------|------|-------------------|-----|---|
| 10. Humerus Length | 96.5 | | 11. Femur Length | 113 | |
| 12. Ulna Length | | | 13. Ilium Length | | |
| 14. Radius Length | | | 15. Fibula Length | | |
| 16. Tibia Length | | 97.7 | | | |
| 17. Comments | L. bone length 0.5-1.5 yrs | | | | |

Dentition

18. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

19. Loose Teeth

Deciduous

UE	/	UE	/	PE	PE	UE	/	UE
e	d	c	b	a	a	b	e	e
<hr/>								
e	d	e	b	a	a	b	c	d
UE	PE		PE			PE	UE	PE

20. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

21. Dental Hypoplasia

P = Pit L = Line G = Groove

Deciduous

e	d	c	b	a	a	b	c	d	e
<hr/>									
e	d	c	b	a	a	b	c	d	e

22. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

23. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

24. Caries (Lukacs 1989)

Small Medium Large

Occlusal	.....
Mesial	.....
Distal	.....
Buccal / Labial	.....
Lingual	.....
Multiple	.....

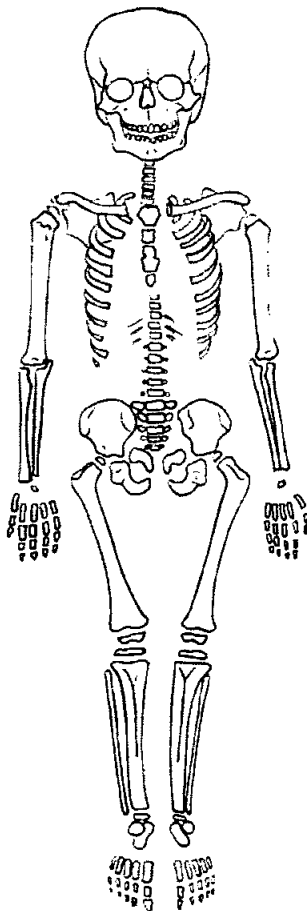
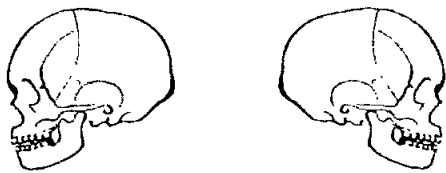
25. Abscess

Internal Drain
External Drain

26. Dental Anomalies

.....
.....
.....
.....
.....

27. Pathological distribution



28. Pathological description

Rickets
Thickening of R + L humeri
with wavy pnb, L. Radius
= bent + wavy pnb entire
shaft. Patches pitted lamellar
+ wavy bone R + L femur +
tibia - partially obscured by
P.M. erosion. Slight pitting
external surface occipital,
+ lytic lesions x 4 -
Measuring 4.5 - 9.3 mm
diam. Two with re-modelled
edges. Pitted lamellar bone
endosteal surface occipital

1. Site Name OLR 00

2. Date of Record 26 01 01

3. Period _____

4. Skeleton Number 928

5. Age MA

6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified

30-45

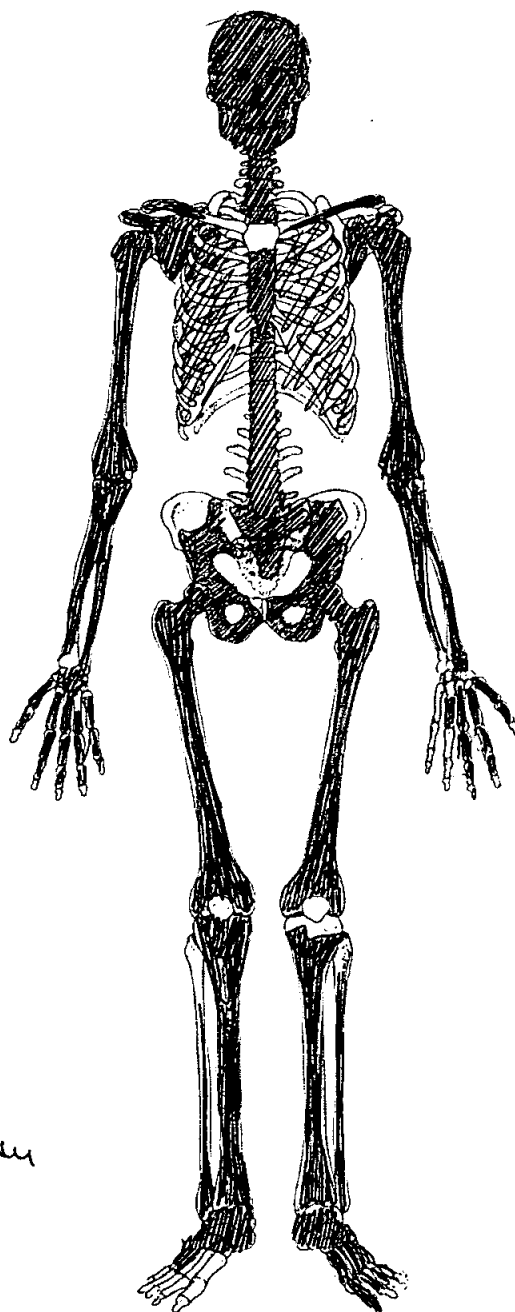
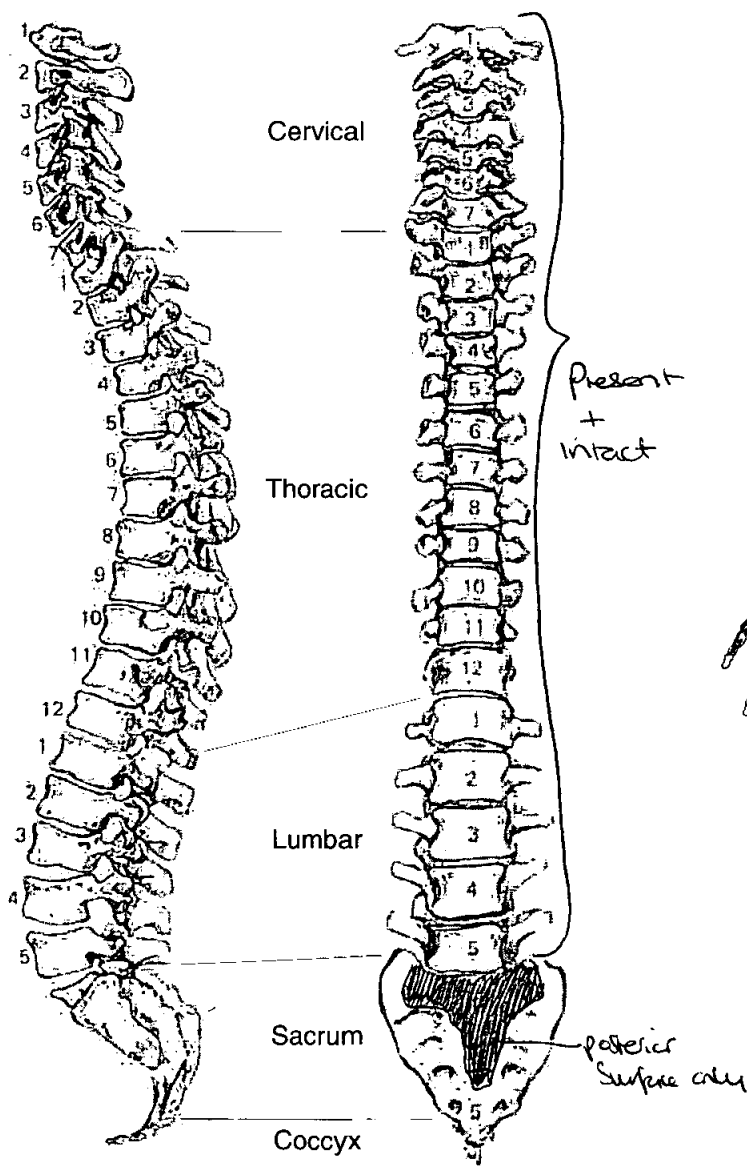
7. Stature 171.19 ± 2.99 cm

8. Preservation (tick one) ☐ Excellent ☒ Good ☐ Poor ☐ Destroyed

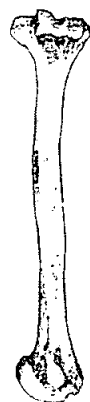
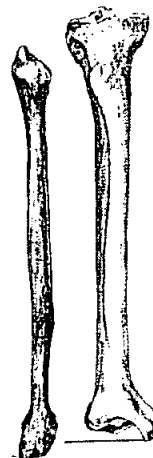
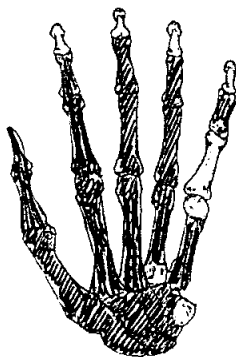
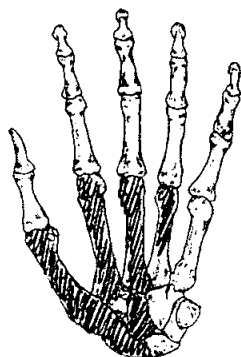
Although some surface erosion

9. Summary of Pathological Conditions Slight spondylosis + some nodal

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

25-29+

14. Dental Eruption and Development

18+

15. Dental Attrition

18-25

16. Pubic Symphyses

a. Todd (♂ & ♀)

VI 30-35

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

IV 35.2 (mean)

17. Sternal End of Ribs

54-64

18. Cranial Suture Closure

19. Ilium Auricular Surface

35-39

20. Degenerative Joint Disease

Slight SJD

21. Comments

Ossification of Costal Cartilage = in advance of other age indicators

Sexing

Skull

22. Supraorbital Ridges

Ambiguous. Slight ridges present

23. Mastoid Processes

Ambiguous. More like than female

24. Posterior Zygomatic Arch

female

25. Nuchal Crest/Occipital Protuberance

Ambiguous

26. Anterior Mandible

Male

27. Orbital Rims

female

Pelvis

28. Sciatic Notch

Female

29. Subpubic Angle

Male

30. Subpubic Concavity

Female

31. Ischio-Pubic Ramus

Male

32. Ventral Arc

Female

33. Preauricular Sulcus

Male

34. Obturator Foramen

Male

35. Pelvic Brim

Male

36. Acetabulum

Amalgam

37. Ilium Auricular Surface

Male

Sacrum

38. Segments

Male

39. Morphology

Incomplete

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

Handwritten notes: *add*, *POB*

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														

41. Bite ☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition M1 M2 M3

	Mandible		Maxilla	
	Left	Right	Left	Right
M1	M B L D	M B L D	M B L D	M B L D
M2				
M3				

43. Dental Hyoplasia

P = Pit L = Line G = Groove

L					P		L	L	P						L
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
							L	L	L	L					

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

SB	7	6	5	4	3	SM	2	1	SA	1	SA	2	SM	3	4	5	6	7	8
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8				
ME	ME						MEL	MEL											
L	L						SB	SB					FB						

45. Periodontal Disease (Brothwell 1981)

S = Slight

M = medium

C = Considerable

46. Caries (Lukacs 1989)

Small

Medium

Large

Occlusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

.....
.....
.....
.....
.....
.....

47. Abscess

Internal Drain

External Drain

.....
.....

48. Dental Anomalies

.....
.....
.....
.....
.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 44.3	R 45.4
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 76	R 73.6
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L -	R 44.8
Radius Head Diameter >23mm = ♂, <21mm = ♀	L -	R 22
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 37.9(L) 28.2(W)	R 40.3(L) 29(W)
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 154.8	R ~

50. Cranial Non-metrics

Highest Nuchal Line	Absent
Ossicle at Lambda	Present
Bregmatic Bone	Absent
Access. Lesser Pal. For	Absent R+L
Palatine Torus	Absent
Metopism	Absent
Lambdoid Ossicle	Present R+L
Coronal Ossicle	Absent R+L
Epipteric Bone	Absent R+L
Ossicle at Asterion	Absent R+L
Parietal Notch Bone	Absent R+L
Fronto-temporo Articulation	" "
Parietal Foramen	Present R+L
Access Infraorb. For	Absent R+L
Zygomat. Facial. For	Accessory on L
Frontal. For	Absent R+L
Foramen of Huschke	Absent R+L
Auditory Torus	A R+L
Mandibular Torus	A R+L
Torus Maxillares	A R+L
Precondylar Tubercle	Absent
Foramen Ovale	Complete R+L
Supra-Orbital Foramen	Absent R+L
Postcondylar facet	Absent R+L
Foramen Spinosum	Absent (not open) R+L
Posterior Cond. Canal	Absent R+L
Condylar Facet	Single R+L
Mastoid Foramen	Absent R+L
Ant. Ethmoid Foramen	NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	Absent R+L (= not double)

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		NP	A
acromial articular facet		A	A

Atlas

facet form double /single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		NP	NP
spina bifida occulta		A	A

Femur

allen's fossa		P	A
polirier's facet		A	A
plaque		A	P
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		A	A

Patella

vastus notch		NP	NP
vastus fossa			
emarginate patella		↓	↓

Tibia

Medial facet form double		A	A
Lateral facet form single		P	P

Calcaneus

facet form double		P	P
facet form single		A	A

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	44.4	42.4	
Orbital Length (O'2)	38	38	
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			194
Max. Cranial Breadth (B)			141
Min. Frontal Breadth (B')			111
Basion Bregma height (H')			155
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			72.5
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			113
Nasal Height (NH')			57.9
Nasal Breadth (NB)			25.6
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			54.4
Palatal Breadth (G'2)			39.4
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			322
Mandibular Angle MZ			
Bigonial Breadth OoGo			101
Max. Mandibular Length			105

53.

left

right

Femur

FeL1 Max. L	46.1	46.1
FeL2 Obl. L		
FeD1 A-P Subtroch DI	27.1	27.7
FeD2 M-L Subtroch DI	31.5	30.5
FeDs Max. DI Head		
C Midshaft Circ.		
FeEI Bicond Width		

Tibia

TiL1 Max. L		36.9
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	31.9	-
TiD2 M-L DI. Nut. For	23.9	-

Fibula

FiL1 Max. L		
-------------	--	--

Humerus

HuL1 Max. L	33.9	33.7
HuD5 Max. DI Head		
HC Midshaft Circ		

Radius

RaL1 Max. L		
-------------	--	--

Ulna

UiL1 Max. L		26.8
-------------	--	------

Clavicle

CiL1 Max. L		
-------------	--	--

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

Atlas

Max. Internal width

--

31.9

--

Sternum

SL Max. L. Body
ML max. L. Manbrium

109

-

Sacrum

SacL Max. L
SacB Max. B

-

-

Indices

Cranial

Height/Length
Height/Breadth

79.89

109.93

Nasal

Upper Facial
~~Foraminal~~ *Nasal*
Palatal
Orbital
Mean Porion Height

85.5

64.4

49.33

72.43

X

89.6

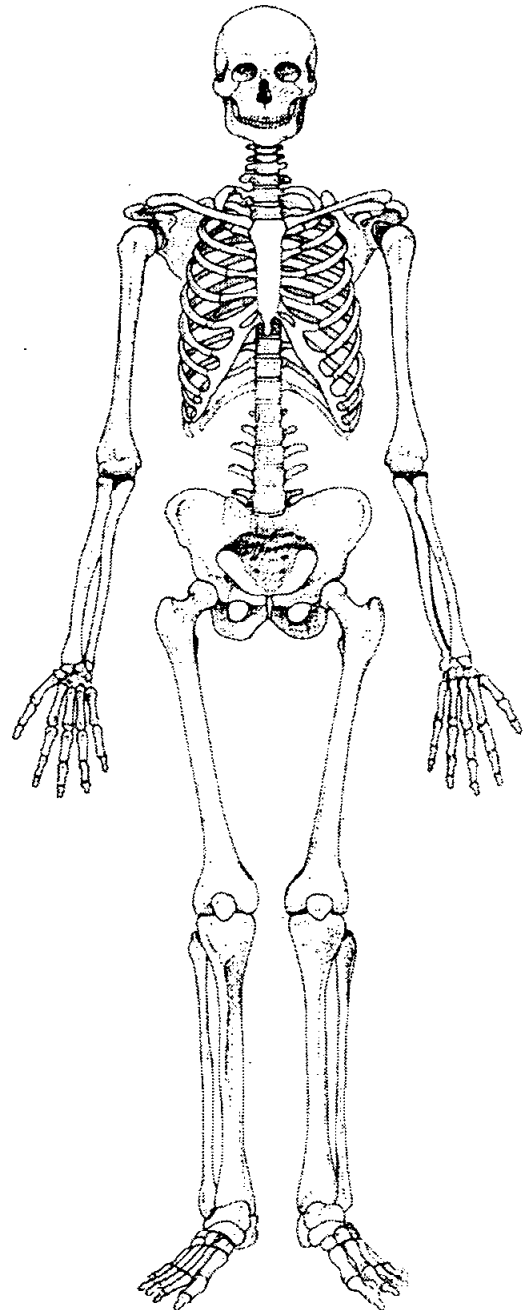
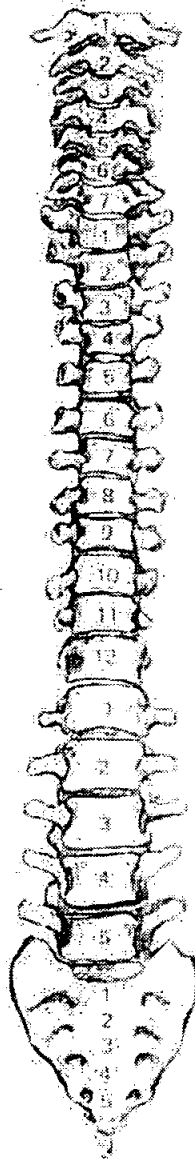
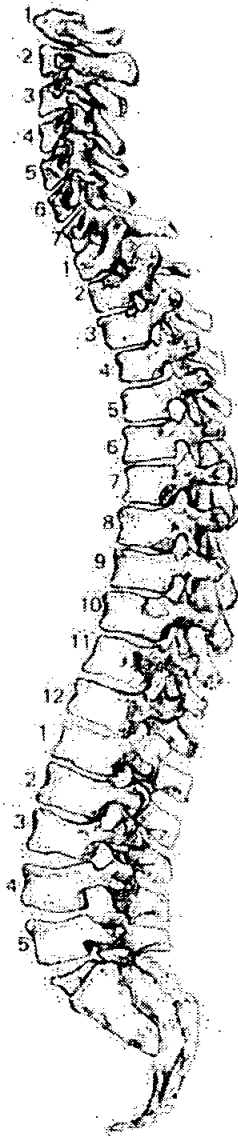
Post Cranial

Platymetric
Platycnemic
Radio-Humeral
Robusticity

86.03
74.92
-

90.82
-
79.52

55. Pathological Distribution



56. Pathological Description

Slight SJD + Schmorl's nodes.

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB		✓ rad								
C4	OP PO SN EB		✓ rad								
C5	OP PO SN EB	✓ rad									
C6	OP PO SN EB	✓ rad									
C7	OP PO SN EB										
T1	OP PO SN EB										
T2	OP PO SN EB		✓								
T3	OP PO SN EB	✓	✓ slight								
T4	OP PO SN EB										
T5	OP PO SN EB										
T6	OP PO SN EB	✓	✓ small								
T7	OP PO SN EB	✓	✓ "								
T8	OP PO SN EB	✓	✓ slight								
T9	OP PO SN EB	✓	✓ slight								
T10	OP PO SN EB	✓	✓ slight								
T11	OP PO SN EB	✓ slight									
T12	OP PO SN EB										
L1	OP PO SN EB		✓ slight								
L2	OP PO SN EB	✓									
L3	OP PO SN EB	✓									
L4	OP PO SN EB		✓								
L5	OP PO SN EB										

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

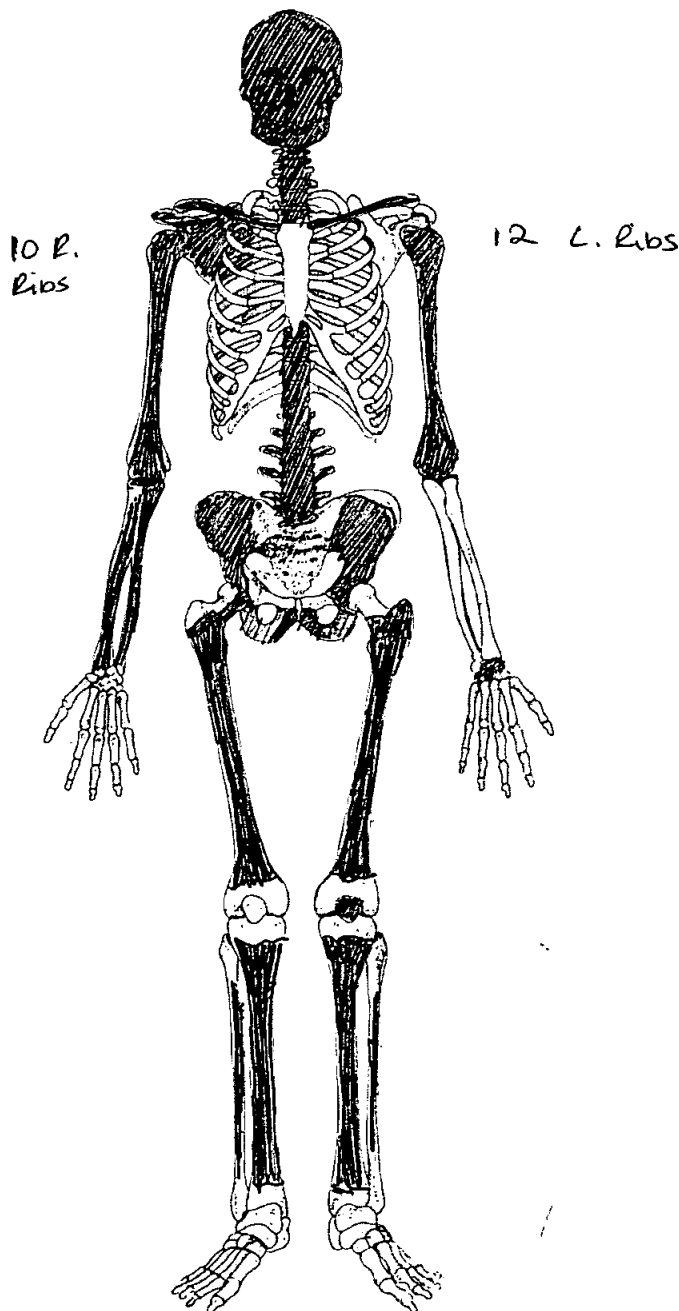
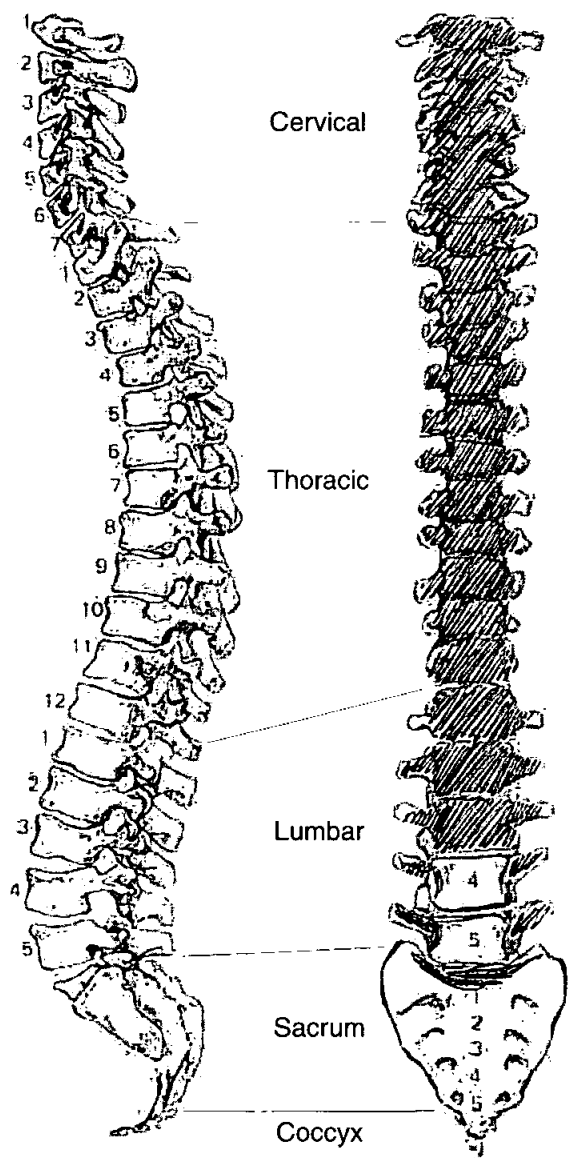
9 = TRANS. PROC

10 = COSTAL FACETS

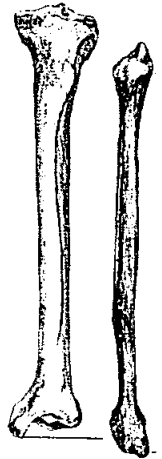
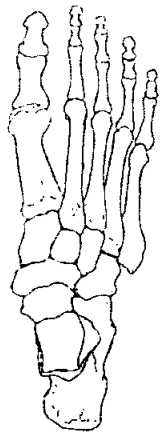
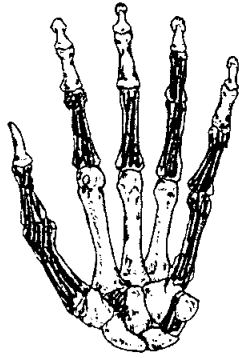
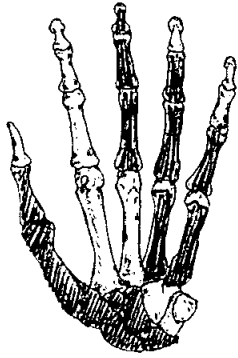
59. Further notes

1. Site Name OLR 00
2. Date of Record 14 02 11
3. Period P-M
4. Skeleton Number 934 5. Age MTA
6. Sex (tick one) ☐ Male ☒ Female ☐ Unidentified 50+
7. Stature 149.03 ± 4.45 cm
8. Preservation (tick one) ☐ Excellent ☒ Good ☒ Poor ☐ Destroyed Cranium well preserved but a lot of surface erosion present
9. Summary of Pathological Conditions SJD - Severe in Cervical region
Slight DDD R+L TMJ's
Healed L. Sided chest infection

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

25-29+

14. Dental Eruption and Development

18+

15. Dental Attrition

18-25

16. Pubic Symphyses

a. Todd (♂ & ♀)

X 50+

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

V 48.1 (Mean)

17. Sternal End of Ribs

18. Cranial Suture Closure

19. Ilium Auricular Surface

60+

20. Degenerative Joint Disease

SJD present

21. Comments

Sexing

Skull

22. Supraorbital Ridges

female

23. Mastoid Processes

female

24. Posterior Zygomatic Arch

female

25. Nuchal Crest/Occipital Protuberance

female

26. Anterior Mandible

female

27. Orbital Rims

female

Pelvis

28. Sciatic Notch

female

29. Subpubic Angle

Incomplete

30. Subpubic Concavity

31. Ischio-Pubic Ramus

32. Ventral Arc

33. Preauricular Sulcus

female - large + deep

34. Obturator Foramen

NP

35. Pelvic Brim

female

36. Acetabulum

Incomplete

37. Ilium Auricular Surface

female

Sacrum

38. Segments

NP

39. Morphology

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
 R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
 - = Jaw Not Present

8	7	6	5	4 A	3	(2)	(1)	(1)	2 A	(3) C R	4	(5)	(6)	(7) C	8
8	7	6	(5)	(4)	(3)	(2)	(1)	(1)	(2)	(3)	(4)	(5)	6	7	8

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Left

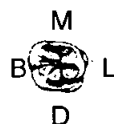
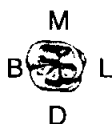
Right

Maxilla

Left

Right

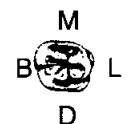
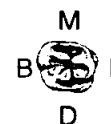
M1



M2



M3



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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
			FA	MEL MEB	MED	HFL	MEL	HFL FB	MED MEL	ME _L	ME _L	ME _L			

45. Periodontal Disease (Brothwell 1981)

S = Slight

M = medium

C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occlusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

..... 12

.....

.....

.....

..... 13

47. Abscess

Internal Drain

External Drain

..... 3 12

..... 41

48. Dental Anomalies

..... Severe Crowding of Mandibular

..... Anterior teeth: 3 2 1 1 1

.....

.....

.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L Rem -	R Rem -
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L -	R -
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 39.6	R 39.3
Radius Head Diameter >23mm = ♂, <21mm = ♀	L -	R -
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 23.3	R 24.4
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 139.7	R 140.1

50. Cranial Non-metrics

Highest Nuchal Line	A
Ossicle at Lambda	P
Bregmatic Bone	A
Access. Lesser Pal. For	R + L = A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	R + L = A
Coronal Ossicle	R + L = A
Epipteric Bone	R + L = A
Ossicle at Asterion	R + L = A
Parietal Notch Bone	R + L = A
Fronto-temporo Articulation	R + L = A
Parietal Foramen	R + L = P
Access Infraorb. For	R + L = A
Zygomat. Facial. For	R + L = P
Frontal. For	R = A, L = P
Foramen of Huschke	R + L = A
Auditory Torus	R + L = A
Mandibular Torus	R + L = A
Torus Maxillares	R + L = A
Precondylar Tubercle	P
Foramen Ovale	R + L = A (complete)
Supra-Orbital Foramen	R + L = A (not bridged)
Postcondylar facet	R + L = A
Foramen Spinosum	R + L = NP (not open)
Posterior Cond. Canal	R + L = A (not open)
Condylar Facet	R + L = A (Single)
Mastoid Foramen	R + L = A
Ant. Ethmoid Foramen	NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	L = P (double) R = A (Single)

OLR 006

Skeleton Recording Sheet (Adult)

51. Humerus

	unsided	left	right
sepal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/		A (notch)	P
acromial articular facet		A	A

Atlas

facet form double/single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		NP	
spina bifida occulta		NP	

Femur

allen's fossa		NP	NP P
polirier's facet		NP	NP
plaque		NP	NP
third trochanter		NP	NP
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		NP	NP

Patella

vastus notch		A	NP
vastus fossa		A	
emarginate patella		A	

Tibia

facet form double		NP	NP
facet form single			

Calcaneus

facet form double			
facet form single			

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	37.4	38.1	
Orbital Length (O'2)	36.3	35.3	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			180
Max. Cranial Breadth (B)			142
Min. Frontal Breadth (B')			99
Basion Bregma height (H')			143
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			64.7
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			99
Nasal Height (NH')			48
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			46.5
Palatal Length (G'1)			32
Palatal Breadth (G'2)			
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			121
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			29.5
Mandibular Angle MZ			
Bigonial Breadth OoGo			93
Max. Mandibular Length			86.7

53.

left

right

Femur

FeL1 Max. L

FeL2 Obl. L

FeD1 A-P Subtroch DI

FeD2 M-L Subtroch DI

FeDs Max. DI Head

C Midshaft Circ.

FeEI Bicond Width

26.8
28.7

27.6
28.8

Tibia

TiL1 Max. L

TiB1 Bicond Width

TiD1 A-P DI. Nut. For

TiD2 M-L DI. Nut. For

30.4
19.6

30.5
20.2

Fibula

FiL1 Max. L

--

--

Humerus

HuL1 Max. L

HuD5 Max. DI Head

HC Midshaft Circ

27.1

27.5

Radius

RaL1 Max. L

--

--

Ulna

UiL1 Max. L

--

220

Clavicle

CiL1 Max. L

--

--

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

29.4

30.1

Atlas

Max. Internal width

26.2

Sternum

SL Max. L. Body
ML max. L. Manbrium

-

Sacrum

SacL Max. L
SacB Max. B

-

Indices

Cranial

Height/Length
Height/Breadth

79.44
100.70

Nasal

Upper Facial
~~Foramina~~ *Nasal*
Palatal
Orbital
Mean Porion Height

97.06

65.35
—
68.82

92.65

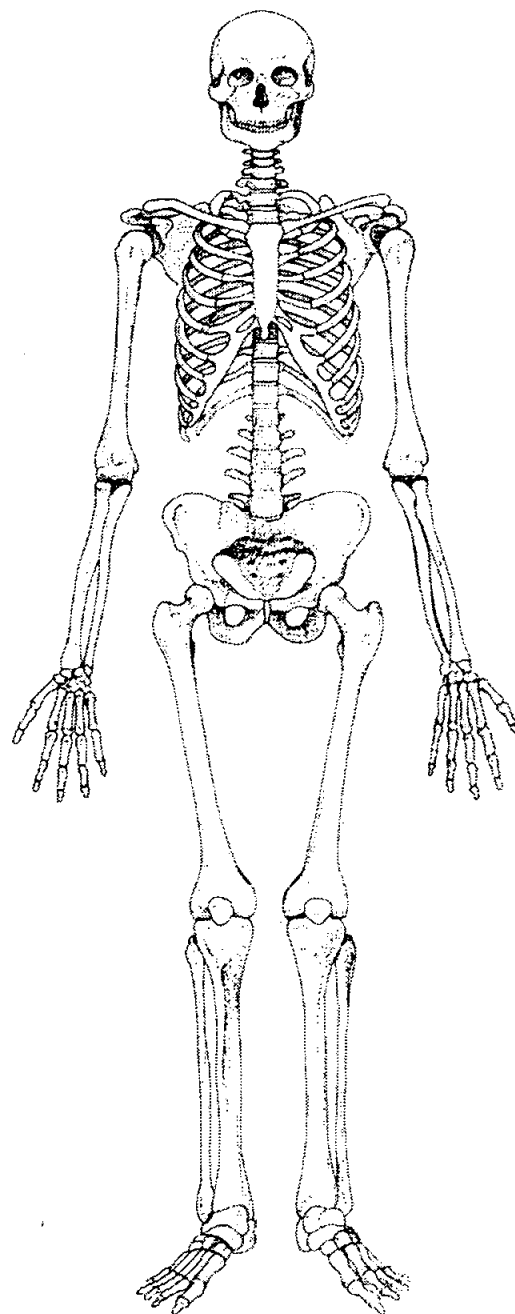
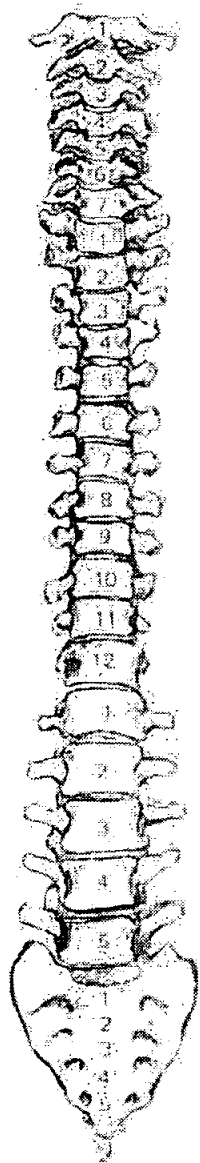
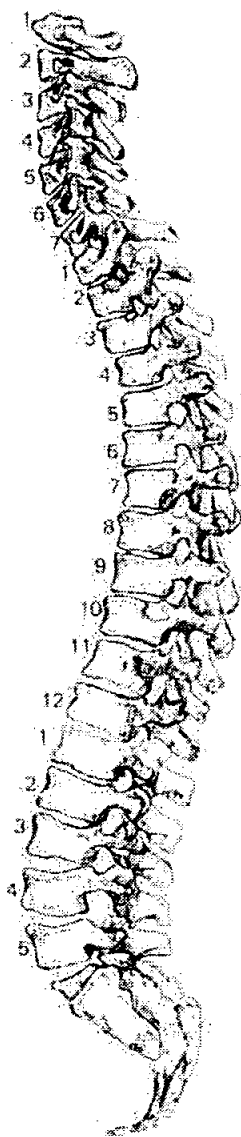
Post Cranial

Platymetric
Platycnemic
Radio-Humeral
Robusticity

93.38
64.47
—

95.83
66.23
—

55. Pathological Distribution



56. Pathological Description

DJD R+L TMJ joints - L Condyle - flattened + slight p.o.,
L Mandibular fossa slight p.o.
R Condyle AS above
R Mandibular fossa slight p.o. + o.p.s.

SJD see sheet

plaques of lamellar bone inner surface of L ribs
x5 - well healed L sided chest infection (middle
lobe)

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB	✓ Mod. dens facet		✓ Slight				✓ Slight			
C2	OP PO SN EB	✓	✓								
C3	OP PO SN EB	✓ Mod. ✓ Mod.	✓ Slight ✓ Mod.								
C4	OP PO SN EB	✓ Slight							✓ Severe		
C5	OP PO SN EB	✓ Slight	✓ Slight					✓ Severe	✓ Sv. Slight		
C6	OP PO SN EB	✓ Slight						✓ ✓	✓		
C7	OP PO SN EB										
T1	OP PO SN EB										
T2	OP PO SN EB										
T3	OP PO SN EB										
T4	OP PO SN EB		✓ Slight								
T5	OP PO SN EB	✓ Slight	✓ Slight								
T6	OP PO SN EB	✓ Slight	✓ Slight								
T7	OP PO SN EB	✓ Mod	✓ Mod								
T8	OP PO SN EB	✓ Slight	✓ Slight								
T9	OP PO SN EB	✓ Slight	✓ Slight								
T10	OP PO SN EB	✓ Slight									
T11	OP PO SN EB	✓ Slight						✓ Slight			✓ Slight
T12	OP PO SN EB										
L1	OP PO SN EB	✓	✓								
L2	OP PO SN EB	✓	✓								
L3	OP PO SN EB	} Fragmented.									
L4	OP PO SN EB										
L5	OP PO SN EB										

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

1. Site Name

OL200

2. Date of Record

15 02 01

3. Period

Post-Med

4. Skeleton Number

935

5. Age

6. Sex (tick one)

☐ Male

☒ Female

☐ Unidentified

35-44 YEARS (?)

7. Stature

154.95 ± 3.55 FEMALE (?) - DUE TO POOR NATURE OF BONES RECOVERED.

8. Preservation (tick one)

☐ Excellent

☐ Good

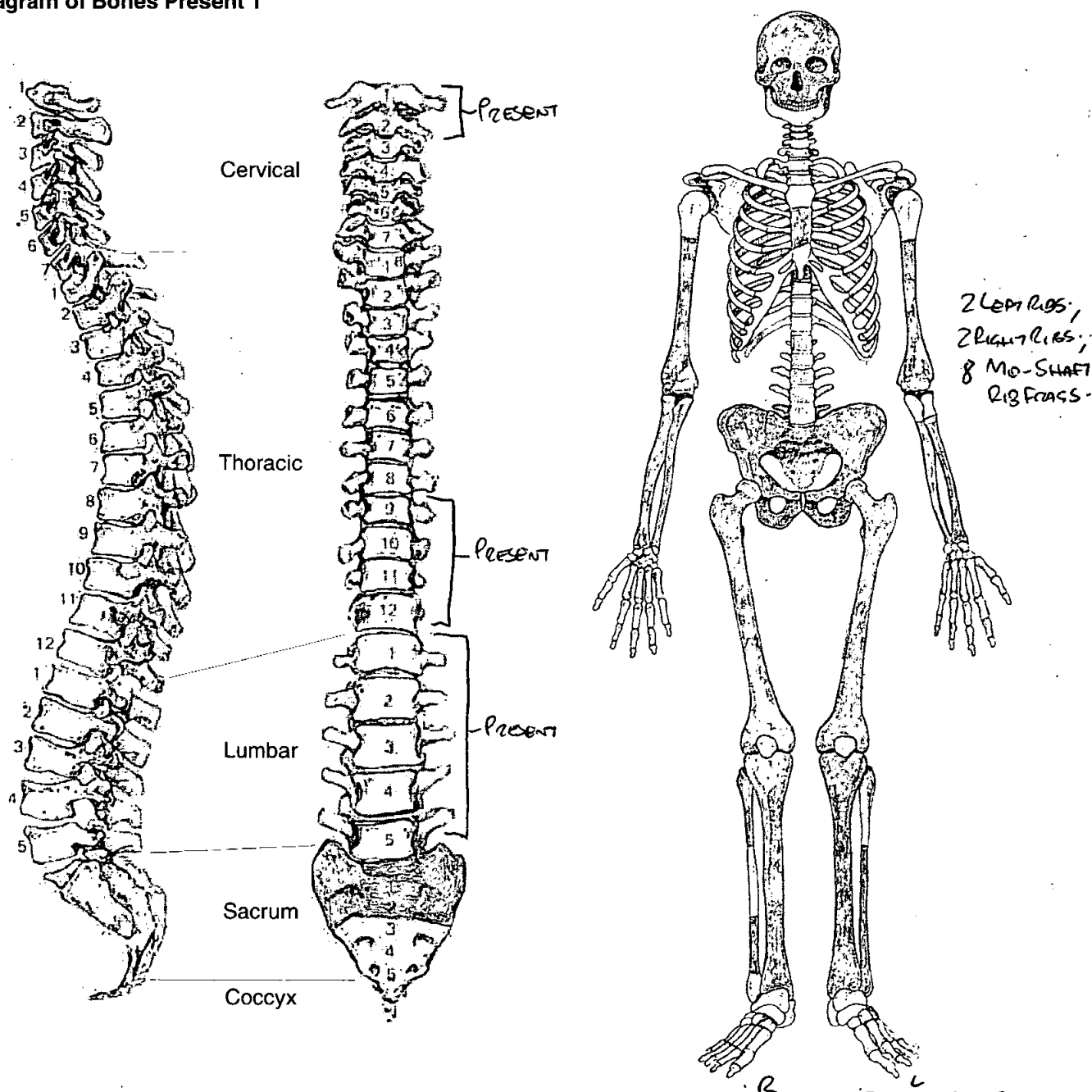
☒ Poor To

☒ Destroyed

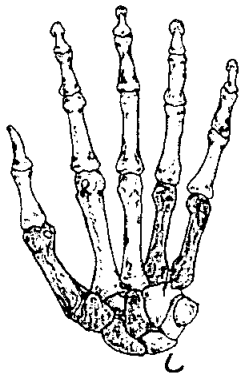
9. Summary of Pathological Conditions

OSTEOPHYTES; RICKETS; OSSIFICATION OF COSTAL
ARTICULATIONS.

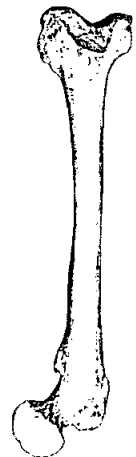
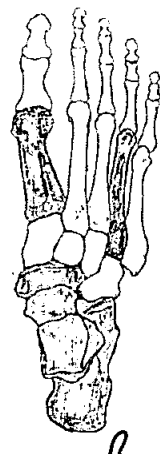
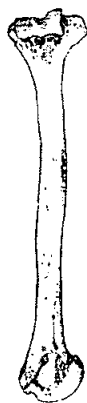
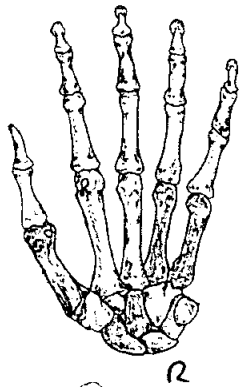
10. Diagram of Bones Present 1



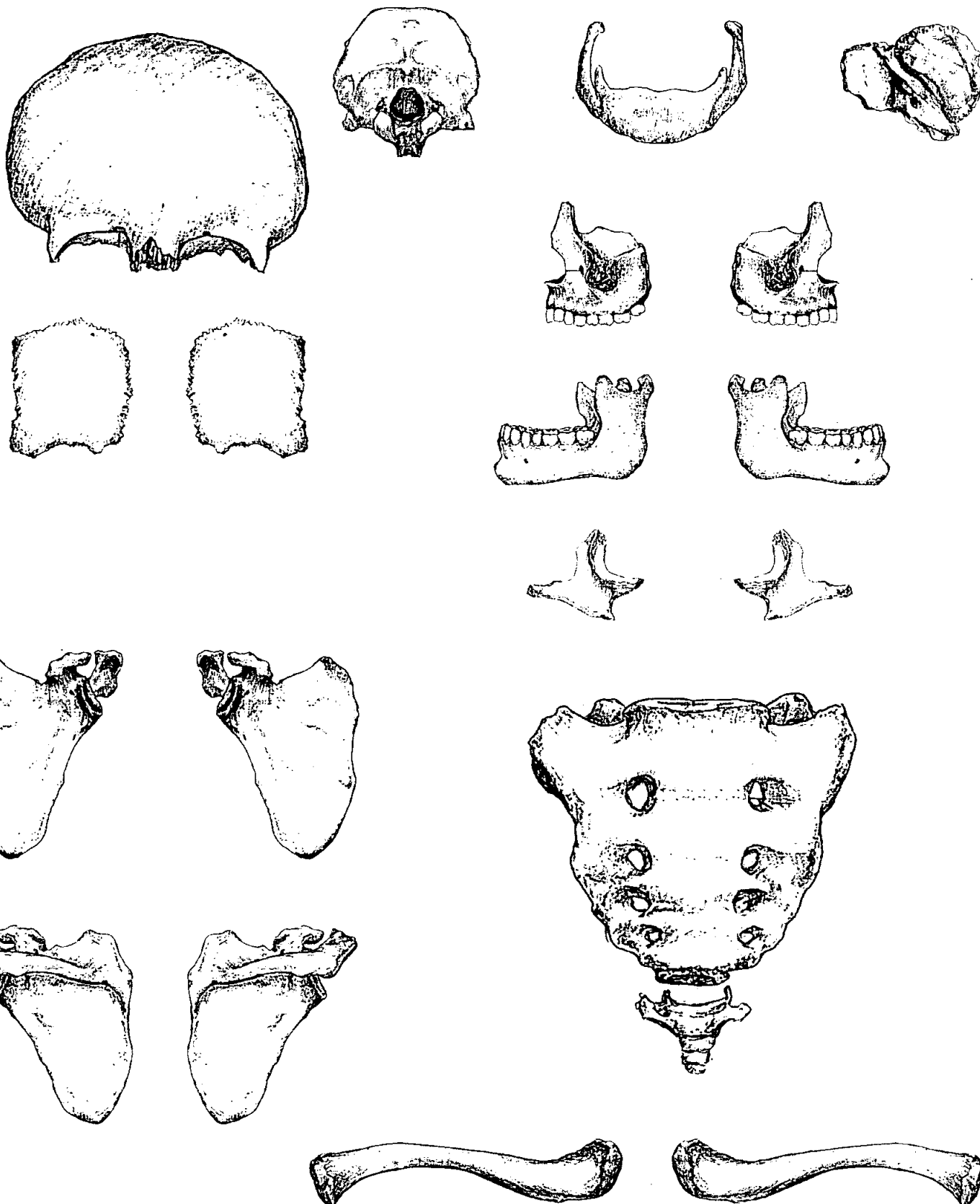
11. Diagram of Bones Present 2



4 PROXIMAL
PHALANXES,
1 MIDDLE
PHALANX



12. Diagram of Bones Present 3



Adult Age Estimation

13. Epiphyseal Fusion
14. Dental Eruption and Development
15. Dental Attrition
16. Pubic Symphyses

- a. Todd (♂ & ♀)
- b. McKern & Stewart (♂)
- c. Gilbert and McKern (♀)
- d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs
18. Cranial Suture Closure
19. Ilium Auricular Surface
20. Degenerative Joint Disease
21. Comments

ILIAC CREST FUSED ON - C. 18-19 YEARS OF AGE +.
(LATER FUSION CENTRES MISSING)
MAXILLARY M2'S PRESENT - C. 12+ YEARS. M3 AREA OF
JAW NOT PRESENT.
LG - 25-31 1/2 YEARS, LS - 24-30 YEARS.

RIGHT - STAGE U - C. 34-63 YEARS. LEFT - SAME.

RIBS TOO FRAGMENTARY TO USE METHOD.

35-65 YEARS

LEFT - STAGE U - C. 40-44 YEARS; RIGHT - STAGE U -
C. 35-39 YEARS.

VERTEBRAL BODIES NOT WELL ENOUGH PRESERVED TO USE
METHOD.

AGED ON BASIS OF I.A.S. TO BETWEEN 35-44
YEARS. ALTHOUGH RANGE COULD BE BETWEEN 34-65
ON BASIS OF C.S.C. & P/S.

Sexing

Skull

22. Supraorbital Ridges
23. Mastoid Processes
24. Posterior Zygomatic Arch
25. Nuchal Crest/Occipital Protuberance
26. Anterior Mandible
27. Orbital Rims

INCOMPLETE

INCOMPLETE

INCOMPLETE ON LEFT; FEMALE (?) ON RIGHT.

FEMALE (?)

MANDIBLE NOT RECOVERED

INCOMPLETE

Pelvis

28. Sciatic Notch

FEMALE

29. Subpubic Angle

INCOMPLETE OS OS COXAE.

30. Subpubic Concavity

INCOMPLETE OS OS COXAE.

31. Ischio-Pubic Ramus

INCOMPLETE OS OS COXAE.

32. Ventral Arc

INCOMPLETE OS OS COXAE.

33. Preauricular Sulcus

FEMALE (?)

34. Obturator Foramen

FEMALE (?)

35. Pelvic Brim

FEMALE (?)

36. Acetabulum

FEMALE (?)

37. Ilium Auricular Surface

FEMALE

Sacrum

38. Segments

FEMALE

39. Morphology

INCOMPLETE

Sternum

INCOMPLETE

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

L	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8	R

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

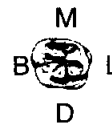
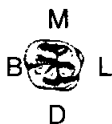
Left

Right

Left

Right

M1



M2



M3



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

		A	A													A	A	
		F	F													F	F	
L	8	7	6	5	4	3	2	1		1	2	3	4	5	6	7	8	R
	8	7	6	5	4	3	2	1		1	2	3	4	5	6	7	8	

45. Periodontal Disease (Brothwell 1981)

S = Slight - on L7
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occlusal
Mesial
Distal
Buccal / Labial
Lingual
Multiple

47. Abscess

Internal Drain
External Drain

48. Dental Anomalies

.....
.....
.....
.....
.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 37	R 39
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 64	R 62
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L Non Recovered	R Non Recovered
Radius Head Diameter >23mm = ♂, <21mm = ♀	L Non Recovered	R 22
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L Non Recovered	R Non Recovered
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L Non Recovered	R Non Recovered

50. Cranial Non-metrics

*A - Absent; N/P - Relevant Part of Skull Not Present

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	N/P
Palatine Torus	N/P
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipetric Bone	N/P ON LEFT; A ON RIGHT
Ossicle at Asterion	A
Parietal Notch Bone	N/P ON LEFT; A ON RIGHT
Fronto-temporo Articulation	N/P ON LEFT; A ON RIGHT
Parietal Foramen	PRESENT ON LEFT + RIGHT
Access Infraorb. For	N/P
Zygomat. Facial. For	N/P
Frontal. For	N/P
Foramen of Huschke	A
Auditory Torus	N/P ON LEFT; A ON RIGHT
Mandibular Torus	N/P
Torus Maxillares	N/P
Precondylar Tubercle	A
Foramen Ovale	A
Supra-Orbital Foramen	A
Postcondylar facet	A
Foramen Spinosum	A
Posterior Cond. Canal	A
Condylar Facet	A
Mastoid Foramen	Same ON LEFT + RIGHT
Ant. Ethmoid Foramen	N/P
Post. Ethmoid Foramen	A
Anterior Condylar Canal	A
	PRESENT ON LEFT + RIGHT

51. Humerus

	unsided	left	right
septal aperture	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="Incomplete"/>
supra-conyloid process	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="Incomplete"/>

Scapula

supra-scapular foramen/notch	<input type="text"/>	<input type="text" value=""/>	<input type="text" value=""/>
acromial articular facet	<input type="text"/>	<input type="text" value=""/>	<input type="text" value=""/>

Atlas

facet form double /single	<input type="text"/>	<input type="text" value="Incomplete"/>	<input type="text" value="✓"/>
lateral bridge	<input type="text"/>	<input type="text" value="Incomplete"/>	<input type="text" value="Incomplete"/>
posterior bridge	<input type="text"/>	<input type="text" value="Incomplete"/>	<input type="text" value="Incomplete"/>
transverse foramen biparite	<input type="text"/>	<input type="text" value="Incomplete"/>	<input type="text" value="Incomplete"/>

Pelvis

accessory facets	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
------------------	----------------------	--------------------------------	--------------------------------

Sacrum

accessory facets	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
spina bifida occulta	<input type="text" value="A"/>	<input type="text"/>	<input type="text"/>

Femur

allen's fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
polirier's facet	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
plaque	<input type="text"/>	<input type="text" value="✓"/>	<input type="text" value="✓"/>
third trochanter	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
hypotrochanteric fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
exostois in trochanteric fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Patella

vastus notch	<input type="text"/>	<input type="text" value=""/>	<input type="text" value="A"/>
vastus fossa	<input type="text"/>	<input type="text" value=""/>	<input type="text" value="A"/>
emarginate patella	<input type="text"/>	<input type="text" value=""/>	<input type="text" value="A"/>

Tibia

facet form double	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
facet form single	<input type="text"/>	<input type="text" value="✓"/>	<input type="text" value="✓"/>

Calcaneus

facet form double	<input type="text"/>	<input type="text" value="✓"/>	<input type="text" value="✓"/>
facet form single	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Skeleton Recording Sheet (Adult)

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	Incomplete	Incomplete	
Orbital Length (O'2)	Incomplete	Incomplete	
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			172
Max. Cranial Breadth (B)			Incomplete
Min. Frontal Breadth (B')			Incomplete
Basion Bregma height (H')			137
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			Incomplete
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			Incomplete
Nasal Height (NH')			Incomplete
Nasal Breadth (NB)			Incomplete
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			Incomplete
Palatal Breadth (G'2)			Incomplete
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics - MANDIBLE NOT RECOVERED.

	1	2	3
Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			

53.

left

right

Femur

FeL1 Max. L	358	392
FeL2 Obl. L		
FeD1 A-P Subtroch DI	26	22
FeD2 M-L Subtroch DI	32	31
FeDs Max. DI Head	37	38
C Midshaft Circ.		
FeEI Bicond Width	64	62

Tibia

TiL1 Max. L	334	333
TiB1 Bicond Width	60	51
TiD1 A-P DI. Nut. For	22	27
TiD2 M-L DI. Nut. For	19	18

Fibula

FiL1 Max. L	incomplete	incomplete
-------------	------------	------------

Humerus

HuL1 Max. L	incomplete	incomplete
HuD5 Max. DI Head	Not recovered	Not recovered
HC Midshaft Circ		

Radius

RaL1 Max. L	incomplete	212
-------------	------------	-----

Ulna

UiL1 Max. L	incomplete	incomplete
-------------	------------	------------

Clavicle

CiL1 Max. L	Not recovered	Not recovered.
-------------	---------------	----------------

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

Atlas

Max. Internal width

--

22

--

Sternum

SL Max. L. Body
ML max. L. Manbrium

W COMPLETE
NOT RECOVERED

Sacrum

SacL Max. L
SacB Max. B

W COMPLETE
120

Indices

Cranial

Height/Length
Height/Breadth

79.65

Nasal

Upper Facial
~~Foraminal~~ Nasal
Palatal
Orbital
Mean Porion Height

—
—
—
—
—

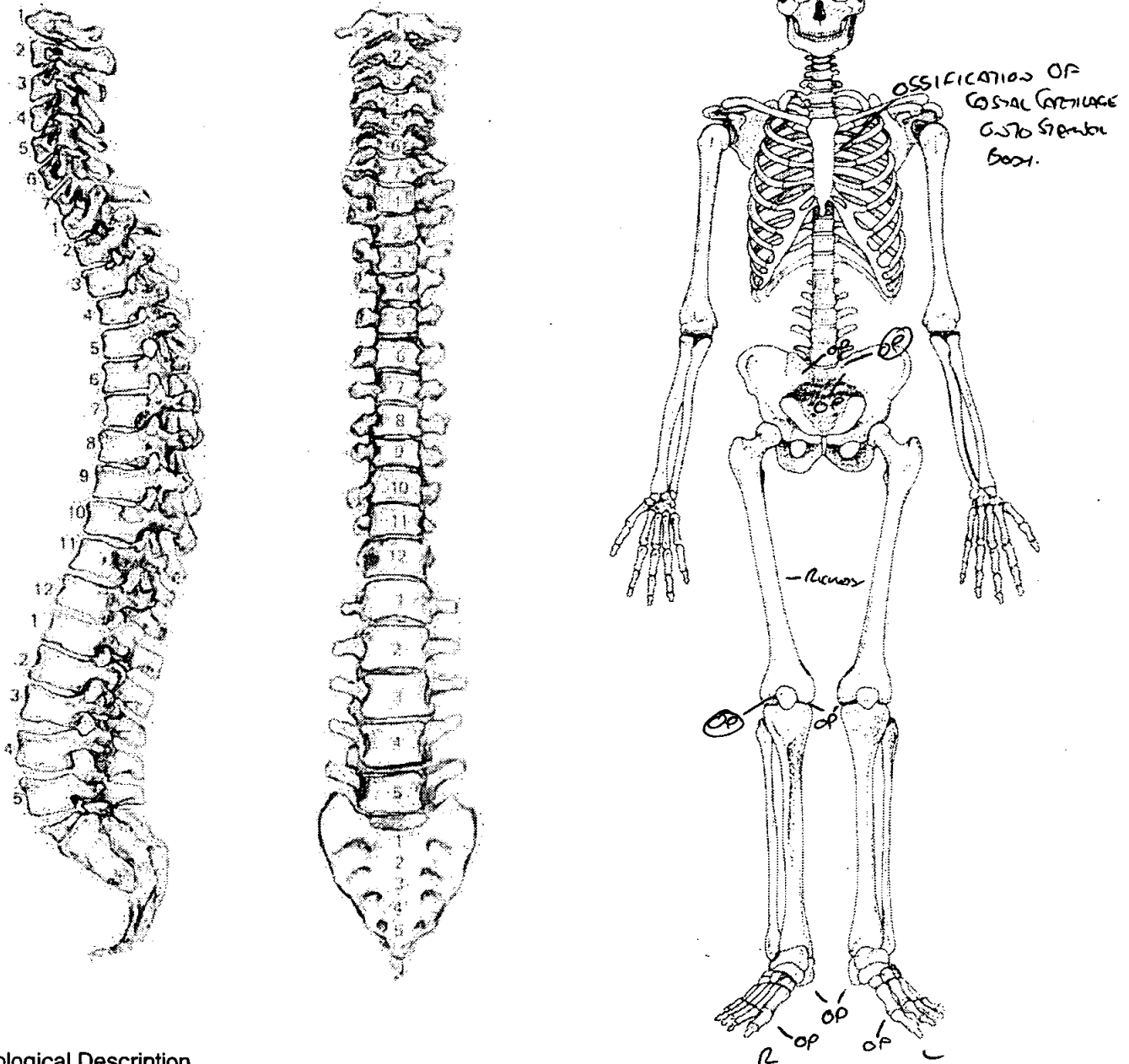
Post Cranial

Platymeric
Platycnemic
Radio-Humeral
Robusticity

81.25
86.36
—

70.97
66.67
—

55. Pathological Distribution



56. Pathological Description

*OSTEOPHYTES - OSTEOPHYTE FORMATION CAN BE FOUND UPON THE RIGHT COXA IN THE AURICULAR AND POSTERIO-AURICULAR AREA. THE SAME OSTEOPHYTE FORMATION IS MIRRORED IN THE LEFT OS COXA. THE LEFT AURICULAR SURFACE HAS OSTEOPHYTES FORMING UPON THE ANTERIOR SIDE OF THE RIM. THE POSTERIOR SURFACE OF THE RIGHT PATELLA SHOWS MODERATE OSTEOPHYTE FORMATION ALL AROUND THE RIM. THE HEAD OF THE LEFT AND RIGHT CALCANEUS SHOW SLIGHT OSTEOPHYTE FORMATION UPON THEM. BOTH THE LEFT AND RIGHT FIRST METATARSAL SHOW MODERATE OSTEOPHYTE FORMATION UPON THEIR RESPECTIVE HEADS. THIS OSTEOPHYTES FORMATION OCCURS AROUND THE R.M. OF EACH HEAD OF THE METATARSAL. SLIGHT OSTEOPHYTE FORMATION CAN BE FOUND UPON THE RIGHT TALUS. IT IS FOUND UPON THE EDGES OF THE POSTERIOR CALCANEAL ANCHYLAL SURFACE. THE RIM OF BOTH LEFT AND RIGHT FEMORAL BICONDYLES HAVE MODERATE OSTEOPHYTE FORMATION ON THEIR THICKES. - LEFT + RIGHT FEMOR SHAFT DISPLAY POSTERIOR-ANTERIOR BOWING IN THEIR FIRST 1/3 TO 1/2 OF THE SHAFT. POSSIBLE INDICATION OF RICKETS.

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB										
C7	OP PO SN EB										
T1	OP PO SN EB										
T2	OP PO SN EB										
T3	OP PO SN EB										
T4	OP PO SN EB										
T5	OP PO SN EB										
T6	OP PO SN EB										
T7	OP PO SN EB										
T8	OP PO SN EB	OP	OP	OP	OP			OP	OP		
T9	OP PO SN EB	OP	OP	OP	OP			OP	OP		
T10	OP PO SN EB	OP	OP	OP	OP		OP	OP	OP		OP
T11	OP PO SN EB	OP	OP	OP	OP	OP	OP	OP	OP		OP
T12	OP PO SN EB			OP	OP	OP	OP				OP
L1	OP PO SN EB		OP	OP				OP			
L2	OP PO SN EB	OP	OP	OP				OP			
L3	OP PO SN EB			OP				OP			
L4	OP PO SN EB			OP				OP			
L5	OP PO SN EB		OP	OP				OP			

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

PATHOLOGY -

* OSTEOPHYTES - THESE WERE FOUND UPON VARIOUS VERTEBRAL SURFACES.

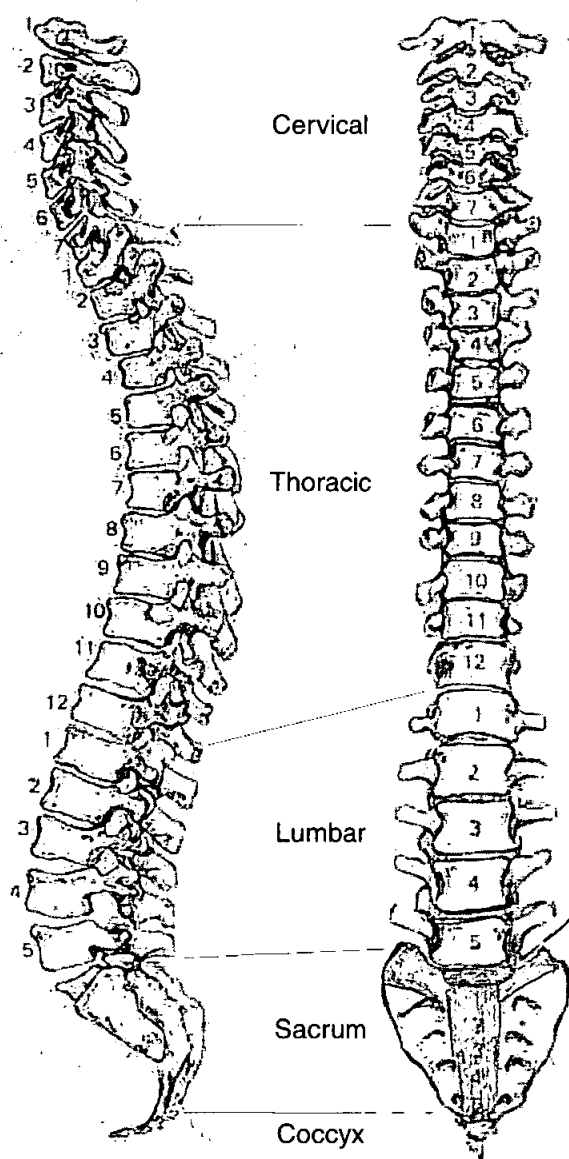
* SLIGHT OSSIFICATION OF THE COSTAL CARTILAGE HAD OCCURRED UPON THE BODY OF THE STERNUM.

* ALSO FOUND AMONGST THE BONES WERE A PAIR LEFT & RIGHT OS COXA & 2 HUMERUS (LEFT).

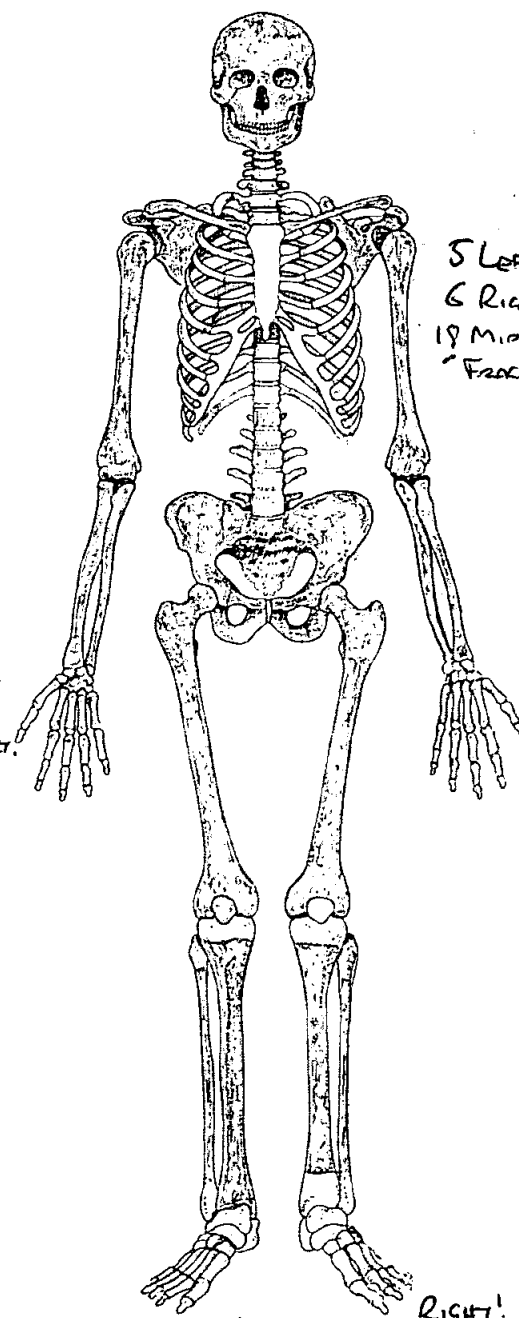
Skeleton Recording Sheet (Adult)

1. Site Name OL200
2. Date of Record 07 02 01
3. Period Post-Med
4. Skeleton Number 936
5. Age 60+ Years
6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified
7. Stature 168.77 ± 4.32 cm
8. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor ☐ Destroyed
9. Summary of Pathological Conditions DENTAL DISEASE, TRAUMA, OSTEOPHYTES, SCHMORL'S NODULES, FUSION OF T3-T4; EROSION ON LATERAL SURFACE OF
PUBIS RIGHT T.B.I.A.

10. Diagram of Bones Present 1



Present.
Vert
Fragments.

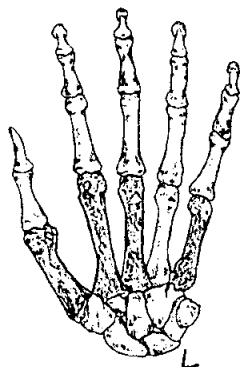


5 Left Ribs,
6 Right Ribs,
18 Midsaft Ribs
Fragments.

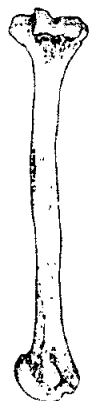
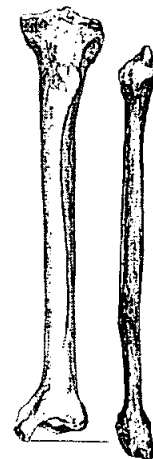
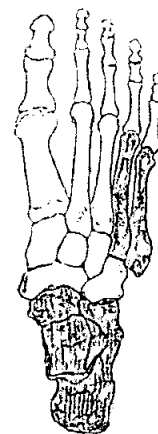
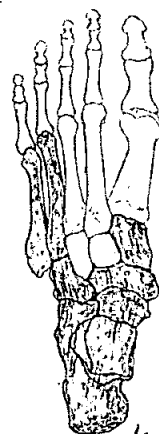
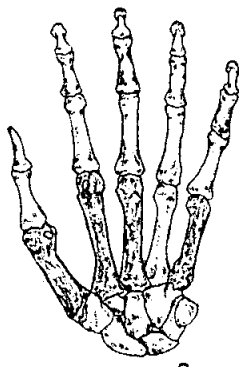
Left!

Right!

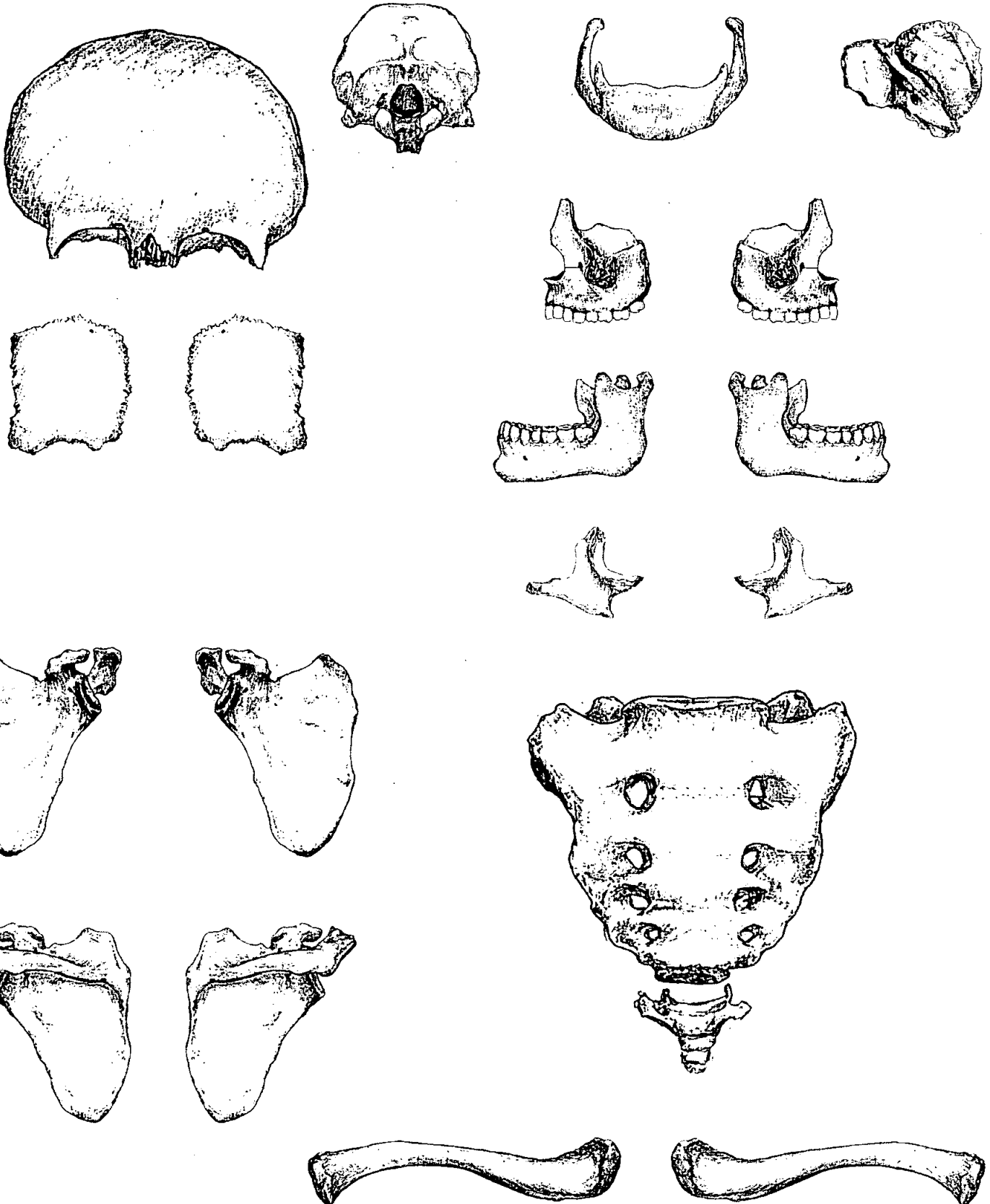
11. Diagram of Bones Present 2



PROXIMAL
PHALANXES.



12. Diagram of Bones Present 3



Adult Age Estimation

13. Epiphyseal Fusion
14. Dental Eruption and Development
15. Dental Attrition
16. Pubic Symphyses
 - a. Todd (♂ & ♀)
 - b. McKern & Stewart (♂)
 - c. Gilbert and McKern (♀)
 - d. Suchey Brooks (♂ & ♀)

STERNAL ENDS OF ~~THE~~ CLAVICLES FUSED. C28+ YEARS.

IT APPEARS TO HAVE ERUPTED BUT BEEN LOST
AUTOMATION. C.18+ YEARS

67 + 16 c. 24 YEARS (ROOPER, 1992).

17. Sternal End of Ribs
18. Cranial Suture Closure
19. Ilium Auricular Surface
20. Degenerative Joint Disease
21. Comments

Too DAMAGED.

STAGE VII - 49-73 YEARS.

INDIVIDUAL OVER 60 YEARS.

Sexing

Skull

22. Supraorbital Ridges
23. Mastoid Processes
24. Posterior Zygomatic Arch
25. Nuchal Crest/Occipital Protuberance
26. Anterior Mandible
27. Orbital Rims

MALE

MALE

MALE

MALE

MALE

MALE

Pelvis

28. Sciatic Notch

MALE

29. Subpubic Angle

Area Too Damaged On Os Coxae

30. Subpubic Concavity

"

"

31. Ischio-Pubic Ramus

"

"

32. Ventral Arc

"

"

33. Preauricular Sulcus

MALE

34. Obturator Foramen

Area Too Damaged On Os Coxae

35. Pelvic Brim

MALE

36. Acetabulum

MALE

37. Ilium Auricular Surface

MALE

Sacrum

38. Segments

Area Too Damaged.

39. Morphology

"

"

Sternum

Not Recovered.

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

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	/	R	3	/	/	/	2	C	2	C	X	X	X

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

	Mandible			Maxilla	
	Left	Right		Left	Right
M1					
M2					
M3					

43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

L	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8	R
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8	
			F A			F M/D				S M/D	S M/D						

45. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Occusal
Mesial
Distal
Buccal / Labial
Lingual
Multiple

Small Medium Large

Small	Medium	Large
4	5	
	5	
	5	4

47. Abscess

Internal Drain
External Drain

48. Dental Anomalies

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L INCOMPLETE	R INCOMPLETE
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L INCOMPLETE	R INCOMPLETE
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L INCOMPLETE	R INCOMPLETE
Radius Head Diameter >23mm = ♂, <21mm = ♀	L INCOMPLETE	R INCOMPLETE
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 27	R 27
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 162	R 151

50. Cranial Non-metrics

✗A = ABSENT

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipteric Bone	A
Ossicle at Asterion	A
Parietal Notch Bone	A
Fronto-temporo Articulation	A
Parietal Foramen	PRESENT ON LEFT AND ON RIGHT.
Access Infraorb. For	A
Zygomat. Facial. For	A ON LEFT; PRESENT ON RIGHT
Frontal. For	A ON LEFT; PRESENT ON RIGHT
Foramen of Huschke	A
Auditory Torus	A
Mandibular Torus	A
Torus Maxillares	A
Precondylar Tubercle	A
Foramen Ovale	A
Supra-Orbital Foramen	A
Postcondylar facet	A
Foramen Spinosum	PRESENT ON LEFT AND ON RIGHT.
Posterior Cond. Canal	A
Condylar Facet	A
Mastoid Foramen	SINGLE ON BOTH SIDES
Ant. Ethmoid Foramen	A
Post. Ethmoid Foramen	A
Anterior Condylar Canal	A
	A

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		A	A
acromial articular facet		A	A

Atlas

facet form double /single	✓		
lateral bridge	A		
posterior bridge	A		
transverse foramen biparite	A		

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum - Bone To Incomplete

accessory facets	/	/	/
spina bifida occulta	/	/	/

Femur

allen's fossa		A	A
polirier's facet		A	A
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		A	A

Patella

vastus notch		A	/
vastus fossa		A	/
emarginate patella		A	/

} Non Recovered

Tibia

facet form double		/	A
facet form single		/	✓

Non Recovered

Calcaneus

facet form double		A	A
facet form single		✓	✓

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
+ Orbital Breadth (O'1)	43	41	
+ Orbital Length (O'2)	39	41	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
+ Max. Cranial Length (L)			204
+ Max. Cranial Breadth (B)			151
+ Min. Frontal Breadth (B')			116
+ Basion Bregma height (H')			144
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
+ Upper Facial Height (G'M)			100
Bimaxillary Breadth (GB)			
+ Bizygomatic Breadth (J)			137
+ Nasal Height (NH')			52
+ Nasal Breadth (NB)			25
Sup. Nasal Breadth (NB')			
+ Palatal Length (G'1)			51
+ Palatal Breadth (G'2)			40
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
+ Bicondylar Breadth WI			133
Foramen Ment. Breadth ZZ			
+ Symphyseal Height HI			31
Mandibular Angle MZ			
+ Bigonial Breadth OoGo			85
+ Max. Mandibular Length			134

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEI Bicond Width

Incomplete
33
34
Incomplete
Incomplete

Incomplete
32
34
Incomplete
Incomplete

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

Incomplete
Area Not Recovered
33
26

Incomplete
Area Not Recovered.
35
26

Fibula

FiL1 Max. L

Incomplete

Incomplete

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

Incomplete
Incomplete

Incomplete
Incomplete

Radius

RaL1 Max. L

243

253

Ulna

UiL1 Max. L

256

Incomplete

Clavicle

CiL1 Max. L

162

151

54.

left

right

Scapula

GC2 Glen. Cav. L

40

45

GC2 Glen. Cav. B

27

27

Atlas

Max. Internal width

23

Sternum - Bone Not Recovered

SL Max. L. Body

ML max. L. Manbrium

Sacrum - Bone Too Incomplete

SacL Max. L

SacB Max. B

Indices

Cranial

Height/Length

70.58

Height/Breadth

95.36

Nasal

Upper Facial

72.99

Foraminal Nasal

48.07

Palatal

78.43

Orbital

90.69

100

Mean Porion Height

Post Cranial

Platymetric

97.05

94.12

Platycnemic

74.79

74.28

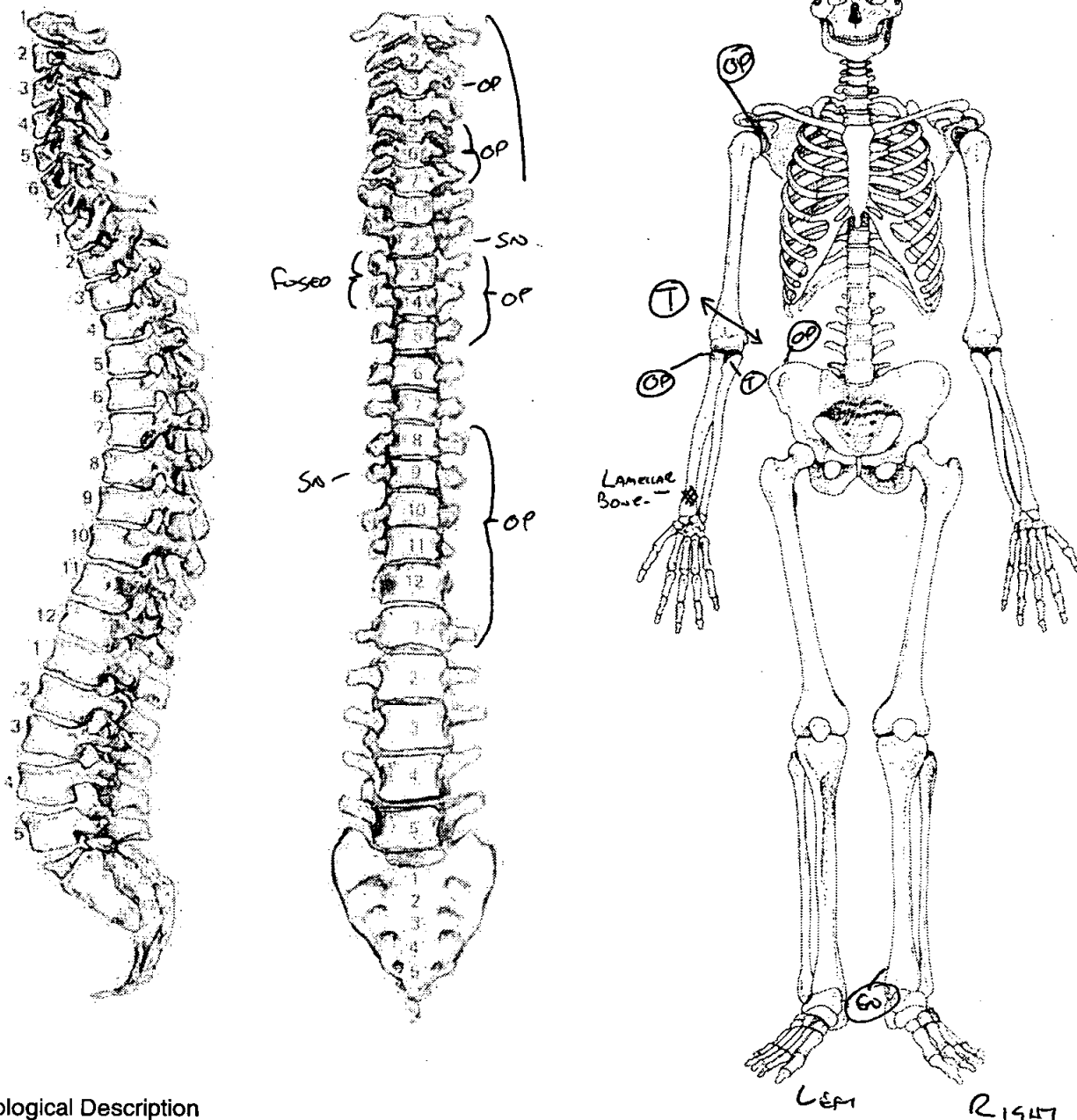
Radio-Humeral

Robusticity

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB	OP									
C4	OP PO SN EB										
C5	OP PO SN EB		OP								
C6	OP PO SN EB	OP	OP								
C7	OP PO SN EB	OP	OP								
T1	OP PO SN EB										
T2	OP PO SN EB	SN									
fused {	T3	OP									
	T4		OP								
	T5	OP	OP								
	T6										
	T7										
	T8		OP								
	T9		OP SN				OP				OP
	T10	OP	OP		OP		OP		OP		OP
	T11	OP			OP		OP		OP		OP
	T12		OP				£				
	L1						OP				OP
	L2										
	L3										
	L4										
	L5										

55. Pathological Distribution



56. Pathological Description

- TRAUMA - A FRACTURE OF THE LEFT DISTAL HUMERUS APPEARS TO HAVE OCCURRED. ALTHOUGH HEALED, THERE APPEARS TO BE SOME DEGREE OF MALUNION OCCURRING. THE TROCHLEA AND BOTH MEDIAL AND LATERAL EPICONDYLES APPEAR HEAVILY AFFECTED. OSTEOPHYTIC GROWTH HAS OCCURRED IN THE REGION. THE AREA OF THE HUMERUS APPEARS TO HAVE SHIFTED MEDIALLY TOWARDS THE BODY.
- * SLIGHT OSTEOPHYTIC FORMATION ALONG THE ILLIAC CREST OF THE LEFT OS COXA.
 - * A NEW JOINT SURFACE HAS FORMED IN THE TROCHLEA NOTCH IN THE LEFT ULNA. PROBABLY ASSOCIATED WITH THE DISTAL FRACTURE IN THE LEFT HUMERUS.
 - * THE HEAD OF THE LEFT RADIUS DISPLAYS SLIGHT OSTEOPHYTIC GROWTH ON THE LATERAL SIDE. POSSIBLY ASSOCIATED WITH THE TRAUMA IN THE LEFT HUMERUS.
 - * A SMALL PATCH OF LAMELLAR BONE FORMATION CAN BE FOUND UPON ANTERIOR-DISTAL SURFACE OF THE LEFT RADIUS. POSSIBLY DUE TO A HEALED INFECTION OR TRAUMA. APPROX. 1cm x 0.5cm.
 - * THE LEFT SCAPULA DISPLAYS OSTEOPHYTIC LIPPROS AROUND THE RIM OF THE GLENOID FOSSA. POSSIBLY ASSOCIATED WITH TRAUMA TO THE LEFT HUMERUS.
 - * INCREASE IN MUSCLE ATTACHMENT POINT ON LATERAL SURFACE OF DISTAL RIGHT TIBIA. ASSOCIATED WITH TIBIAL DYSTROPHY (???)

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

OSTEOPHYTES WERE FOUND UPON VARIOUS SURFACES OF THE VERTEBRAE.

SUPERIOR BODY - C3, C6-7, T3, T5, T10-11.

INFERIOR BODY - C5-7, T4-5, T8-10, T12.

INFERIOR PROCESS (L) - T10-11

INFERIOR PROCESS (R) - T10-11

COSTAL FACETS (L) - T9-11, L1

COSTAL FACETS (R) - T9-11, L1

SCHMORL'S NODES WERE FOUND UPON T2 AND T9.

T3-T4 HAD FUSED TOGETHER AT THE POSTERIOR END OF T3 INFERIOR BODY AND T4 SUPERIOR BODY. PROBABLY DUE TO OSTEOPHYTIC GROWTH.

1. Site Name OLR 00

2. Date of Record 16 2 1

3. Period P-M

4. Skeleton Number 938

5. Age YA

6. Sex (tick one) ☐ Male ☒ Female ☐ Unidentified

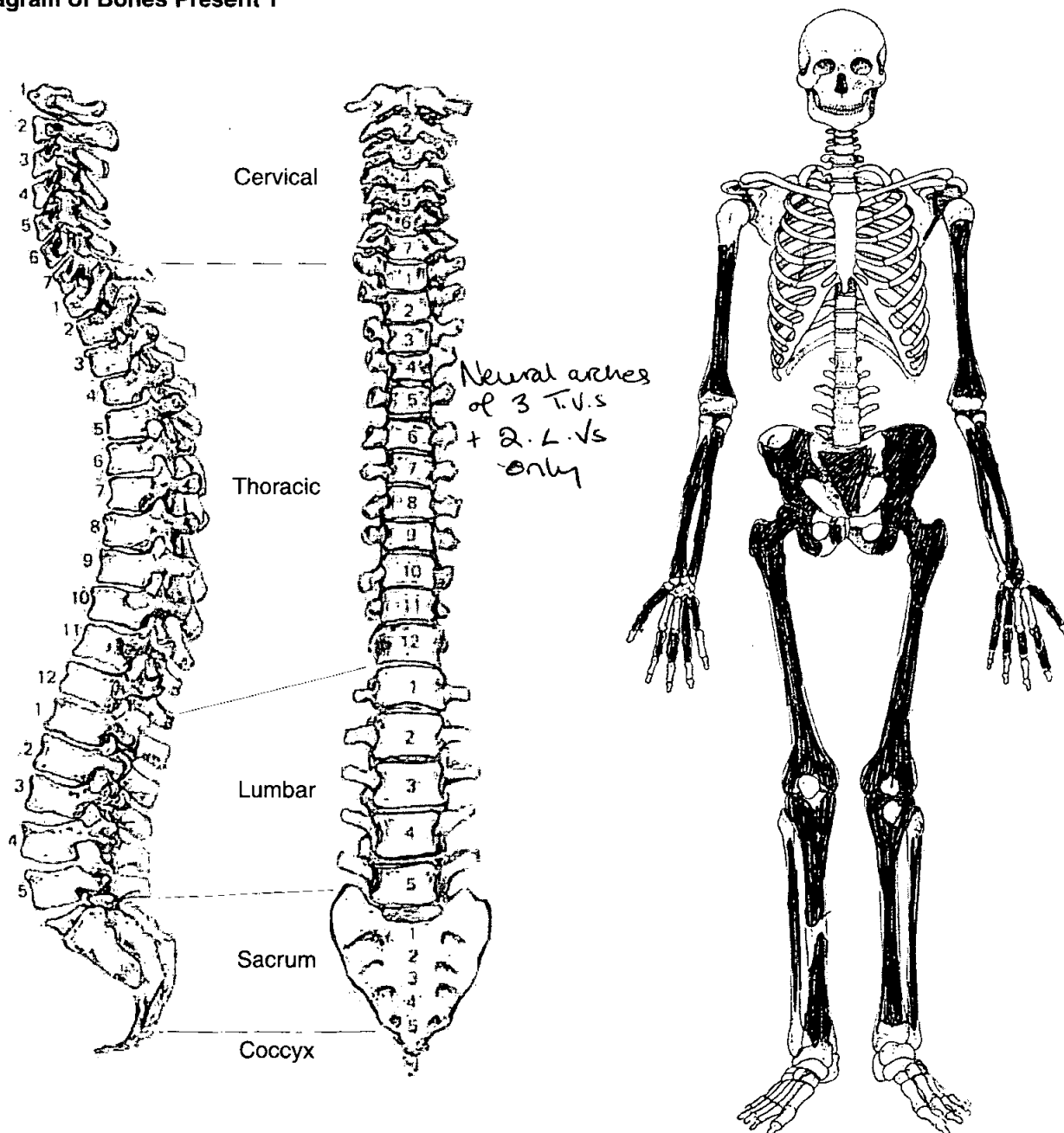
20-30

7. Stature 158.58 ± 3.72 cm

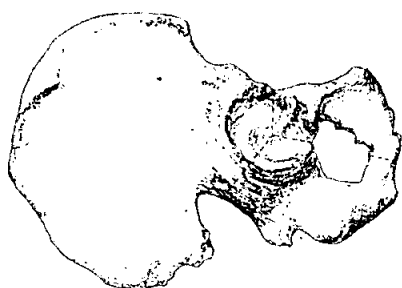
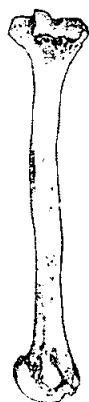
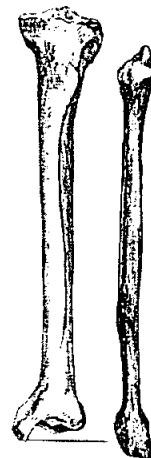
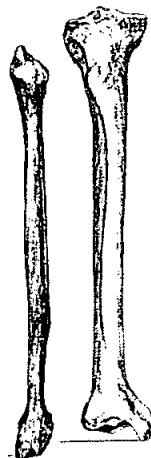
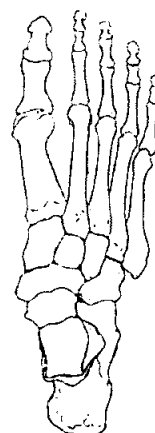
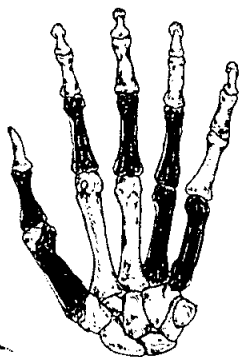
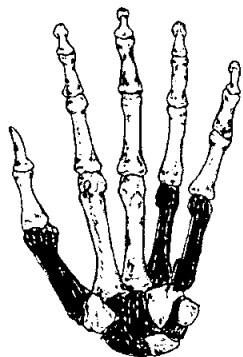
8. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor ☐ Destroyed

9. Summary of Pathological Conditions None observed. Severe surface erosion of bones

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

- 13. Epiphyseal Fusion
- 14. Dental Eruption and Development
- 15. Dental Attrition
- 16. Pubic Symphyses
 - a. Todd (♂ & ♀)
 - b. McKern & Stewart (♂)
 - c. Gilbert and McKern (♀)
 - d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

18. Cranial Suture Closure

19. Ilium Auricular Surface

20. Degenerative Joint Disease

21. Comments

20 +

NP

Some erosion, but surviving part 20-24 years

None evident

Sexing

Skull

- 22. Supraorbital Ridges
- 23. Mastoid Processes
- 24. Posterior Zygomatic Arch
- 25. Nuchal Crest/Occipital Protuberance
- 26. Anterior Mandible
- 27. Orbital Rims

NP

Pelvis

28. Sciatic Notch

female

29. Subpubic Angle

NP

30. Subpubic Concavity

31. Ischio-Pubic Ramus

32. Ventral Arc

33. Preauricular Sulcus

Male

34. Obturator Foramen

NP

35. Pelvic Brim

female / Male (ambiguous)

36. Acetabulum

female

37. Ilium Auricular Surface

female

Sacrum

38. Segments

Posterior aspect only present

39. Morphology

female

Sternum

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 39.8	R —
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L —	R —
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R —

50. Cranial Non-metrics

Highest Nuchal Line
Ossicle at Lambda
Bregmatic Bone
Access. Lesser Pal. For
Palatine Torus
Metopism
Lambdoid Ossicle
Coronal Ossicle
Epipteric Bone
Ossicle at Asterion
Parietal Notch Bone
Fronto-temporo Articulation
Parietal Foramen
Access Infraorb. For
Zygomat. Facial. For
Frontal. For
Foramen of Huschke
Auditory Torus
Mandibular Torus
Torus Maxillares
Precondylar Tubercle
Foramen Ovale
Supra-Orbital Foramen
Postcondylar facet
Foramen Spinosum
Posterior Cond. Canal
Condylar Facet
Mastoid Foramen
Ant. Ethmoid Foramen
Post. Ethmoid Foramen
Anterior Condylar Canal

NI

**Skeleton Recording Sheet
(Adult)**

OLR

51. Humerus

	unsided	left	right
septal aperture		NP	NP
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		NP	NP
acromial articular facet			

Atlas

facet form double/single			
lateral bridge			
posterior bridge			
transverse foramen biparite			

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		NP	NP
spina bifida occulta		A	A

Femur

allen's fossa		A	P
polirier's facet		A	A
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		P	P
exostols in trochanteric fossa		A	A

Patella

vastus notch		NP	NP
vastus fossa			
emarginate patella			

Tibia

facet form double		NP	NP
facet form single			

Calcaneus

facet form double			
facet form single			

53.

left

right

Femur

FeL1 Max. L

423

426

FeL2 Obl. L

FeD1 A-P Subtroch DI

24

21.5

FeD2 M-L Subtroch DI

27.6

27.1

FeDs Max. DI Head

C Midshaft Circ.

FeEI Bicond Width

Tibia

TiL1 Max. L

TiB1 Bicond Width

TiD1 A-P DI. Nut. For

32.4

31.4

TiD2 M-L DI. Nut. For

20

19.9

Fibula

FiL1 Max. L

Humerus

HuL1 Max. L

HuD5 Max. DI Head

HC Midshaft Circ

Radius

RaL1 Max. L

Ulna

UiL1 Max. L

Clavicle

CiL1 Max. L

Indices:
Platymetric:
Platycnemic:

	L	R
	86.96	80.44
	61.73	63.37

Islington, Old Street, St Lukes
OLR00

Box 19 file 2

E. SYNTHESISED ENVIRONMENTAL DATA - 946-1009 ^{Skeletons}

SCAN PDF

FILMING INSTRUCTIONS

Submitter OASouth

No. of CD copies: 2

Headings

Site information

Line 1: [OASouth] County:[Greater London] Parish:[Islington] Site:[Old Street, St Lukes]

Site code[OLR00]

Line 2: Excavators name[A. Boyle]

Line 3:

Classification of material

Tick if
present

Index to archive	
Introduction	
A:Final Report	
A:Publication Report	
B:Site Data – Text: Diary/Daybook/Fieldnotes	
B: Site Data – Text: General Summaries	
B: Site Data – Text: Primary Context Records	
B: Site Data – Text: Synthesised Context Records	
B: Site Data – Text: Survey Reports	
B: Site Data – Text: Catalogue of Drawings	
B: Site Data – Text: Primary Drawings	
B: Site Data – Text: Synthesised Drawings	
C: Finds Data – Text: Primary Finds Data	
C: Finds Data – Text: Synthesised Finds Data	
C: Finds Data – Text: Specialist Reports	
C: Finds Data – Text: Box/Bag List	
D: Catalogue of Photos/Slides/Videos/X--rays	
E: Environmental/Ecofact Data: Primary Records	
E: Environmental/Ecofact Data: Synthesised Records, <i>named individuals 946-1009</i>	✓
E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	

1. Site Name OLR 00

2. Date of Record 01 02 01

3. Period P-M

4. Skeleton Number 946 5. Age 45-55

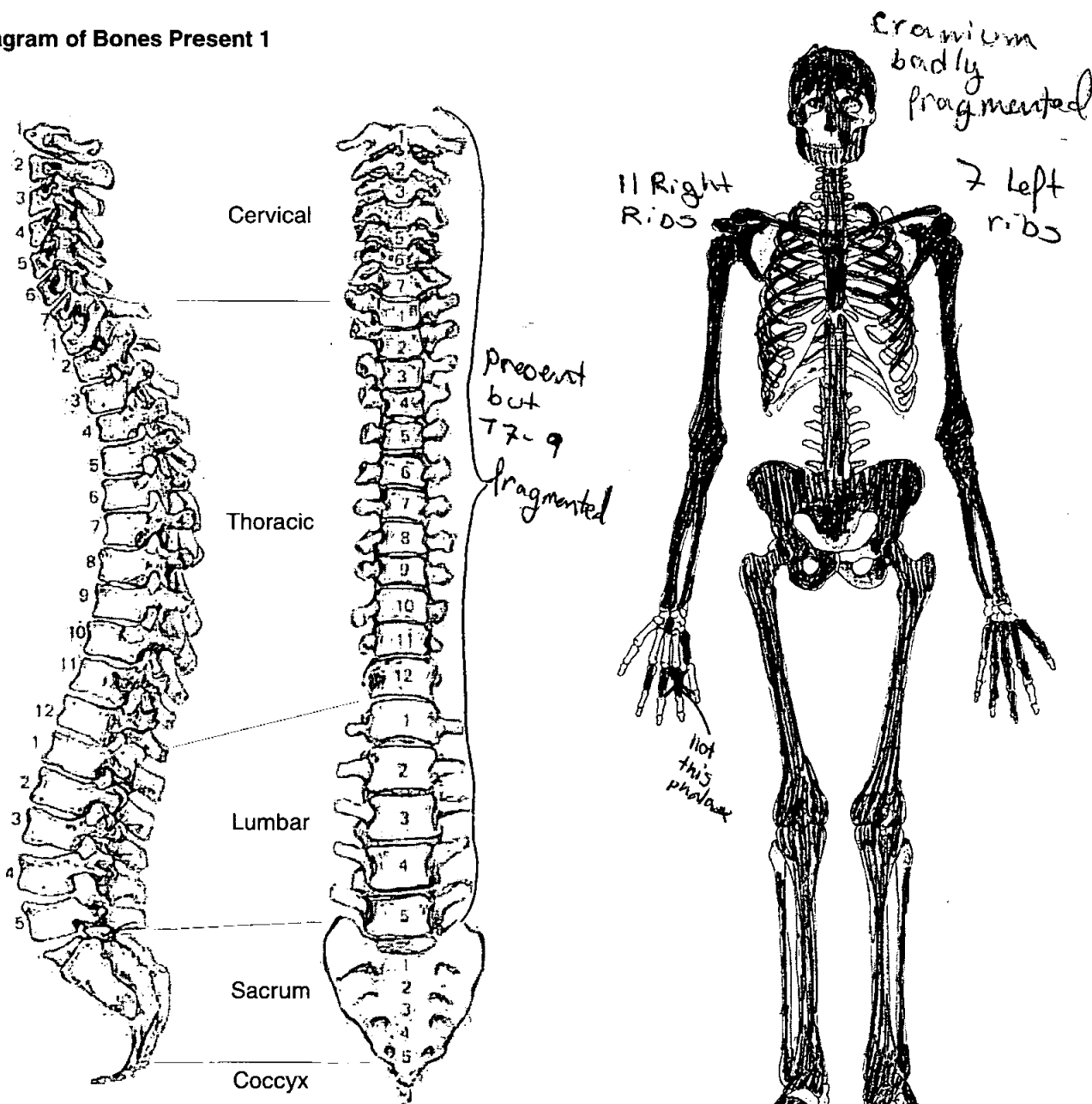
6. Sex (tick one) ☐ Male ☒ Female ☐ Unidentified

7. Stature 165.74 ± 3.72 cm

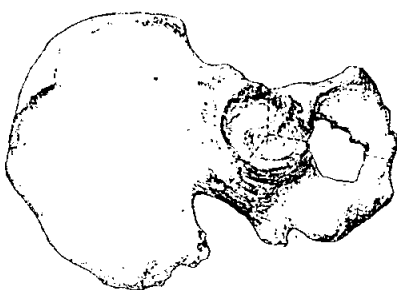
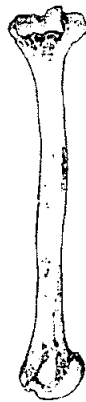
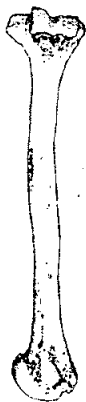
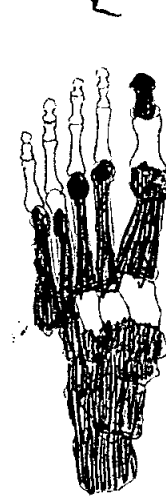
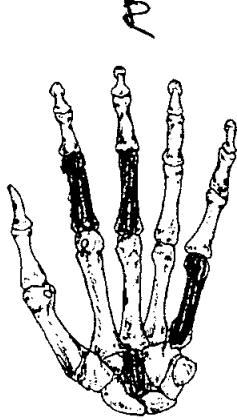
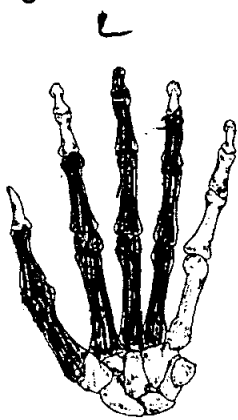
8. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor ☐ Destroyed

9. Summary of Pathological Conditions
Degenerative joint disease: Humerii + knees + Spine.
OA - Left 1st Metatarsal

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion Fused +28
14. Dental Eruption and Development
15. Dental Attrition No molars
16. Pubic Symphyses
- a. Todd (♂ & ♀)
- b. McKern & Stewart (♂)
- c. Gilbert and McKern (♀)
- d. Suchey Brooks (♂ & ♀) ♀ stage V mean 48.1
17. Sternal End of Ribs
18. Cranial Suture Closure
19. Ilium Auricular Surface Left: 45-55, Right 45-49
20. Degenerative Joint Disease
21. Comments

Sexing

Skull

22. Supraorbital Ridges NP
23. Mastoid Processes M
24. Posterior Zygomatic Arch M
25. Nuchal Crest/Occipital Protuberance M?
26. Anterior Mandible M?
27. Orbital Rims NP

Pelvis

28. Sciatic Notch

F

29. Subpubic Angle

F

30. Subpubic Concavity

F?

31. Ischio-Pubic Ramus

—

32. Ventral Arc

F?

33. Preauricular Sulcus

F

34. Obturator Foramen

F

35. Pelvic Brim

M?

36. Acetabulum

F

37. Ilium Auricular Surface

F

Sacrum

38. Segments

39. Morphology

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

Present

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Left

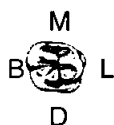
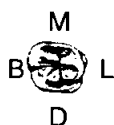
Right

Maxilla

Left

Right

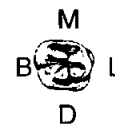
M1



M2



M3



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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

SB
SD
SB
MEH

45. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occusal
Mesial
Distal
Buccal / Labial
Lingual
Multiple

47. Abscess

Internal Drain
External Drain

48. Dental Anomalies

.....
.....
.....
.....
.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 32.62	R 40.84
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 	R
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 37.3	R 37.3
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 	R
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 21.7	R 22.84
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 	R 135.32

NP = Bone not present, A = Absent, P = present

50. Cranial Non-metrics

Highest Nuchal Line	NP
Ossicle at Lambda	NP
Bregmatic Bone	NP
Access. Lesser Pal. For	NP
Palatine Torus	NP
Metopism	NP
Lambdoid Ossicle	NP
Coronal Ossicle	NP
Epipteric Bone	NP
Ossicle at Asterion	NP
Parietal Notch Bone	NP
Fronto-temporo Articulation	NP
Parietal Foramen	NP
Access Infraorb. For	NP
Zygomat. Facial. For	R = P (3 foramina) L = NP
Frontal. For	NP
Foramen of Huschke	L + R = A
Auditory Torus	L + R = A
Mandibular Torus	L + R = A
Torus Maxillares	NP
Precondylar Tubercle	NP
Foramen Ovale	NP
Supra-Orbital Foramen	NP
Postcondylar facet	NP
Foramen Spinosum	NP
Posterior Cond. Canal	NP
Condylar Facet	NP
Mastoid Foramen	NP
Ant. Ethmoid Foramen	NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	NP
	L + R = A (single)

A = Absent, P = Present, NP = Bone not present

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		P	P

Atlas

facet form double /single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		NP	NP
spina bifida occulta	A		

Femur

allen's fossa		A	A
polirier's facet		A	A
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		A	P

Patella

vastus notch		A	A
vastus fossa		A	A
emarginate patella		A	A

Tibia

Medi squath facet form double		A	A
Lat squath facet form single		A	A

Calcaneus

facet form double			NP
facet form single		P	NP

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEl Bicond Width

—
27.56
30.96
37.62

452
27.3
29.20
40.84

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

—
NP
31.9
21.66

—
NP
32.80
23.5

Fibula

FIL1 Max. L

—

—

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

305
37.30

308
37.30

Radius

RaL1 Max. L

216

219

Ulna

UiL1 Max. L

229

233

Clavicle

CiL1 Max. L

—

135.32

54.

left

right

Scapula

GC2 Glen. Cav. L

32.1

30.5

GC2 Glen. Cav. B

21.70

22.84

Atlas

Max. Internal width

~~27.86~~ 27.86

Sternum

SL Max. L. Body

—

ML max. L. Manbrium

43.02

Sacrum

SacL Max. L

—

SacB Max. B

—

Indices

Cranial

Height/Length

—

Height/Breadth

—

Nasal

Upper Facial

—

~~Foraminal~~ Nasal

—

Palatal

—

Orbital

—

Mean Porion Height

—

Post Cranial

Platymetric

89.08

93.5

Platycnemic

67.89

72.30

Radio-Humeral

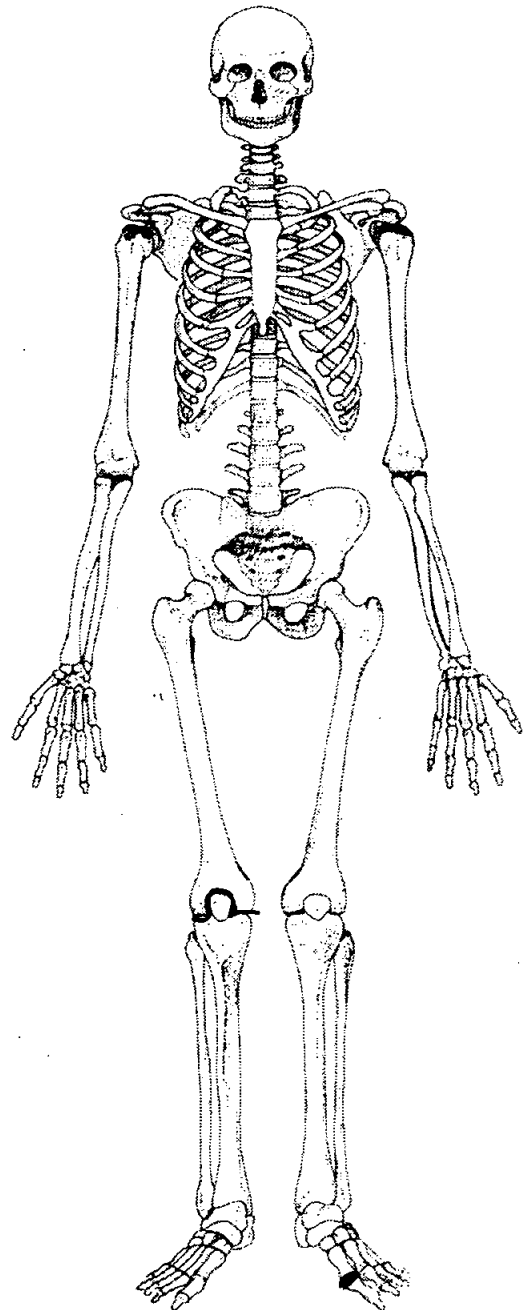
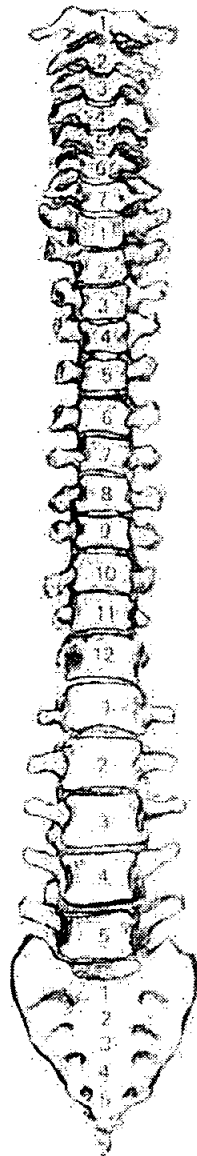
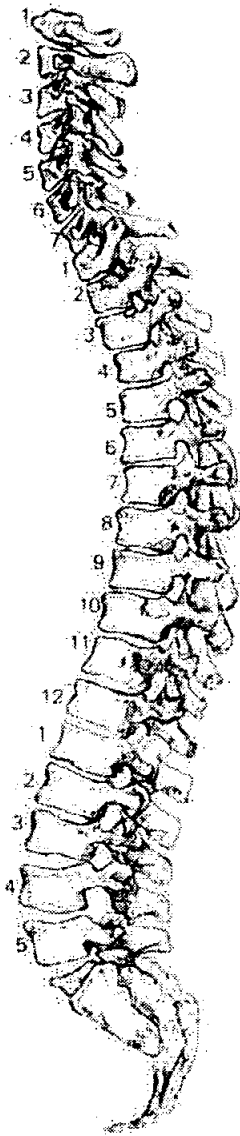
70.82

71.10

Robusticity

—

55. Pathological Distribution



56. Pathological Description

- * Left & right humeral heads: area of porosity, medium severity, is situated on the superior aspect of the heads. - Degenerative
- * Right distal femur: The margins of the condyles & patellar surface is lipped - surrounding the whole joint. The patella & the med. & lat. articular surfaces of the tibia is also lipped
- * Left dist. femur: Surviving bone of the condyles - medial condyle & intercondylar fossa - are lipped & the patella & tibia.
- * Left 1st Metatarsal - inferior side of the head has an area of porosity & eburnation. = OA.



x = bone not present

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB		PO								
C5	OP PO SN EB	PO	PO CP								
C6	OP PO SN EB	PO CP	PO CP								
C7	OP PO SN EB	PO	PO								
T1	OP PO SN EB	PO	PO				PO				PO
T2	OP PO SN EB	PO	PO				PO				PO
T3	OP PO SN EB						PO				PO
T4	OP PO SN EB						PO	PO	PO OP		PO
T5	OP PO SN EB				X			PO OP	X		
T6	OP PO SN EB		OP PO	PO				PO			
T7	OP PO SN EB	PO OP	OP PO	PO				PO			
T8	OP PO SN EB	OP PO	OP PO	X	X	X	PO	X	X	X	PO
T9	OP PO SN EB	OP PO	OP	X	X			X	X		
T10	OP PO SN EB	OP PO	OP PO	X	X		PO	X	X		PO
T11	OP PO SN EB	PO	PO	X	X		PO	X	PO X		PO
T12	OP PO SN EB								PO		PO
L1	OP PO SN EB										
L2	OP PO SN EB										
L3	OP PO SN EB	PO	PO								
L4	OP PO SN EB	PO	PO PO PO								
L5	OP PO SN EB	PO	OP PO								

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

osteophyte formations are slight when
recorded.

961

1. Site Name

OLR 00

2. Date of Record

26 01 01

3. Period

P-M

4. Skeleton Number

961

5. Age

45-50

6. Sex (tick one)

☒ Male

☐ Female

☐ Unidentified

7. Stature

167.55 ± 2.99 cm

8. Preservation (tick one)

☒ Excellent

☒ Good

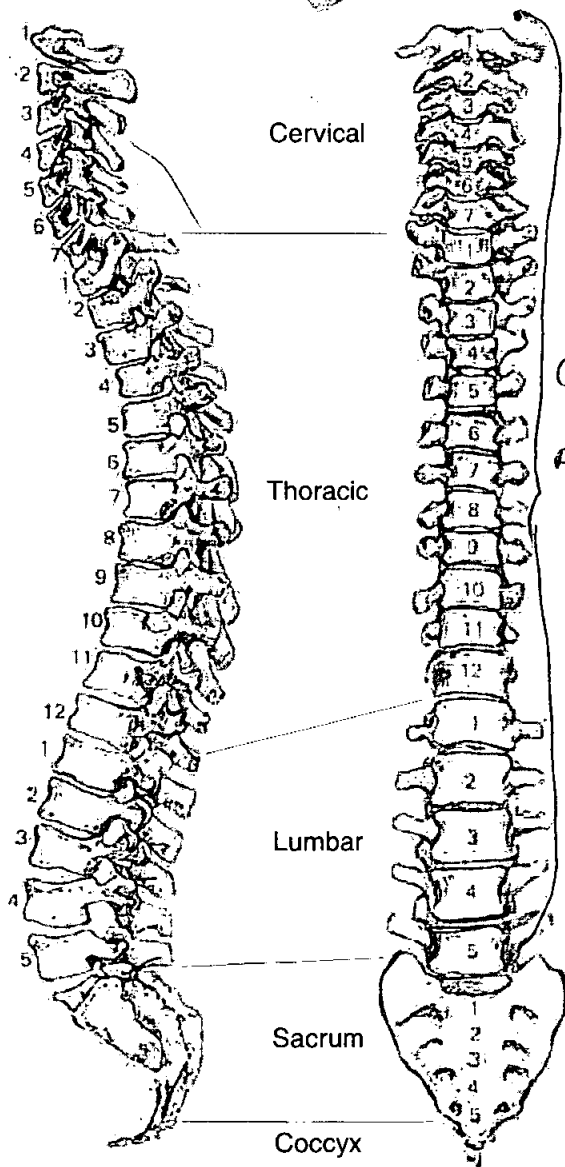
☐ Poor

☐ Destroyed

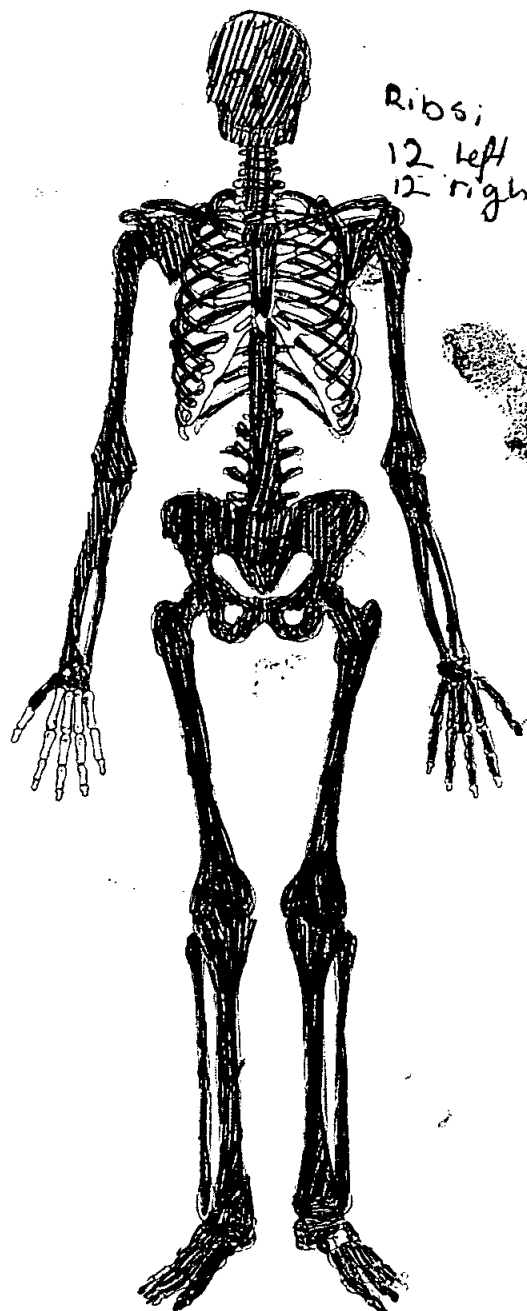
9. Summary of Pathological Conditions

DJD - knees, OA - Axis+Atlas, left acromio-clavicular joint, L+R 1st Metatarsal. NI left tibial shaft.
DJD - tarsals - both feet.
Trauma - left rib fracture

10. Diagram of Bones Present 1

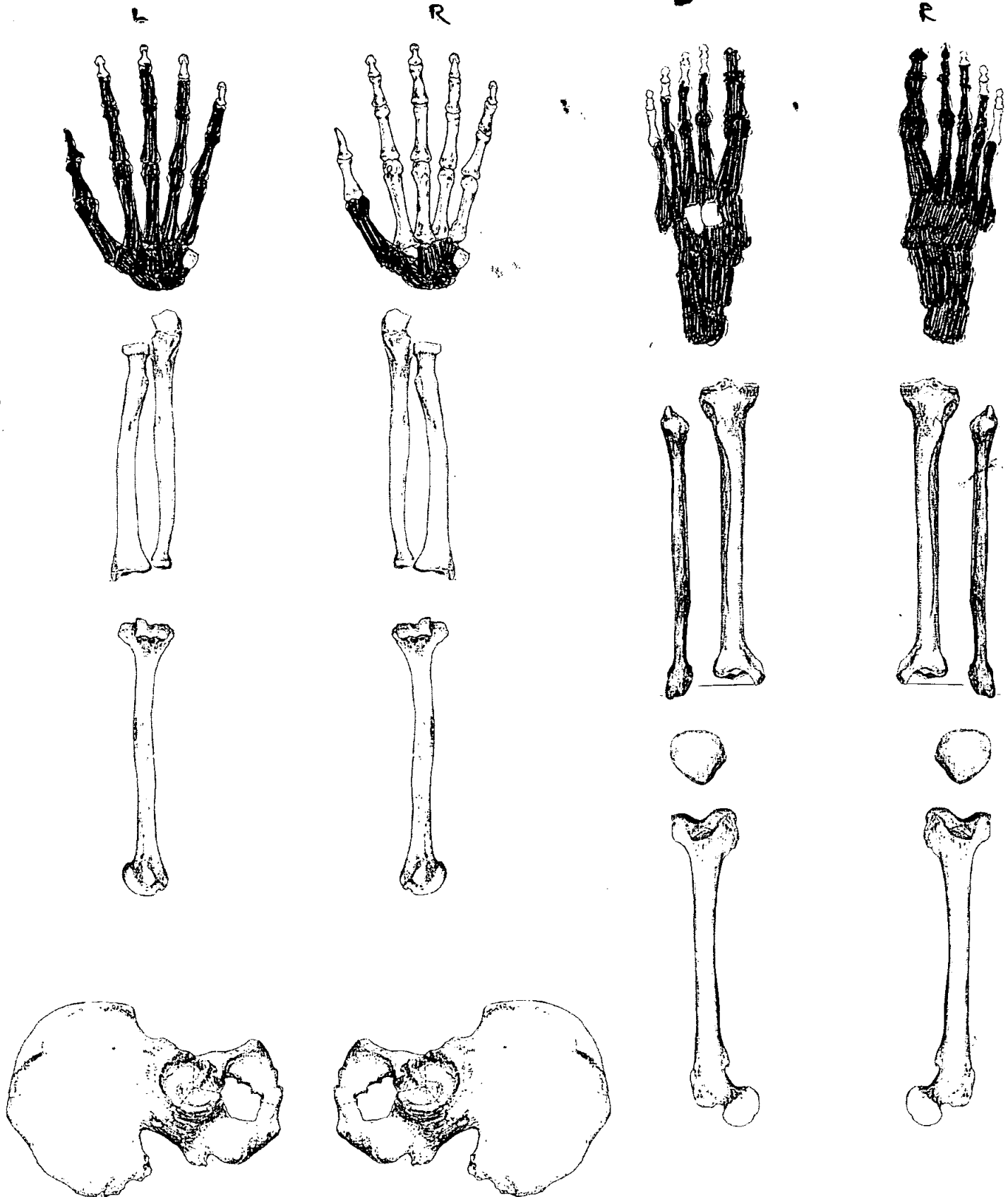


Complete
&
Present



Ribs:
12 left
12 right

11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

Fused (+28.)

14. Dental Eruption and Development

15. Dental Attrition

57 yrs

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♂ stage II - mean 45.6 years

17. Sternal End of Ribs

18. Cranial Suture Closure

19. Ilium Auricular Surface

45-49

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

M

23. Mastoid Processes

M

24. Posterior Zygomatic Arch

M

25. Nuchal Crest/Occipital Protuberance

M

26. Anterior Mandible

M

27. Orbital Rims

M

Pelvis

28. Sciatic Notch

M

29. Subpubic Angle

M

30. Subpubic Concavity

M

31. Ischio-Pubic Ramus

M

32. Ventral Arc

M?

33. Preauricular Sulcus

M

34. Obturator Foramen

M

35. Pelvic Brim

F?

36. Acetabulum

M

37. Ilium Auricular Surface

M

Sacrum

38. Segments

M

39. Morphology

M-F

Sternum

Dentition

40. Permanent



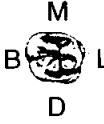
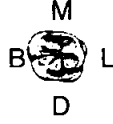








/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

8	7	6	5	4	3	2	1	1	2	3	4 ^A	5	6 ^{A R}	7	8
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8

41. Bite

☒ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

	M1		M2		M3	
	Mandible				Maxilla	
	Left	Right	Left	Right	Left	Right
M1						
M2						
M3						

43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position								Severity							
O = Occlusal D = Distal L = Lingual B = Buccal M = Mesial A = All sides								F = Flecks S = Slight ME = Medium H = Heavy							
MS DS LS BS	LS BS			LS			LS	LS	LS	LS		BS LS	BS LS	MS BS LS	DS BS LS
8	7	X	X	4	X	X	1	1	2	3	X	5	6	7	8
8	X	X	5	4	3	2	1	1	2	3	4	5	6	7	8
LS			LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS		LS
MS DS			BS	BS						BS	BS	BS	BS		MS DS

45. Periodontal Disease (Brothwell 1981)

(S) = Slight - Maxillary incisors + canines
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occlusal
Mesial
Distal
Buccal / Labial
Lingual
Multiple

47. Abscess

Internal Drain
External Drain
L6
L4

48. Dental Anomalies

.....
.....
.....
.....
.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 50.6	R 50.7
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R 87.9
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 49.6	R 50.3
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 24.7	R 25.9
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 31.58	R 30.38
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 164	R 154

A = Absent, P = Present, NA = Bone not present
NO = Not observable (bone too dirty), R = Right, L = Left,
B = Both sides.

50. Cranial Non-metrics

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	B = A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	R = P, L = P
Coronal Ossicle	A
Epipteric Bone	B = A
Ossicle at Asterion	L = P, R = A
Parietal Notch Bone	L = P, R = A
Fronto-temporo Articulation	B = A
Parietal Foramen	NO
Access Infraorb. For	R = P, L = P
Zygomat. Facial. For	R = P, L = P
Frontal. For	B = A
Foramen of Huschke	B = A
Auditory Torus	B = A
Mandibular Torus	B = A
Torus Maxillares	B = A
Precondylar Tubercle	A
Foramen Ovale	B = A
Supra-Orbital Foramen	B = A
Postcondylar facet	A
Foramen Spinosum	B = P
Posterior Cond. Canal	B = P
Condylar Facet	B = A
Mastoid Foramen	B = A
Ant. Ethmoid Foramen	R = P, L = A
Post. Ethmoid Foramen	B = A
Anterior Condylar Canal	B = P
	B = A

Unit A = Absent, P = Present, NP = Bone not present, NO = Not observable (bone too dirty)

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		A	A
acromial articular facet		P	P

Atlas

facet form double/single		P	P
lateral bridge		A	P
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		A	A
spina bifida occulta	P		

Femur

allen's fossa		A	A
polirier's facet		A	P
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		A	A

Patella

vastus notch		A	A
vastus fossa		A	A
emarginate patella		A	A

Tibia

Med. Squall, facet form double		A	A
Lat. " facet form single		A	A

Calcaneus

facet form double		P	P
facet form single		A	A

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	40.0	39.8	—
Orbital Length (O'2)	33.9 39.8	33.7	—
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			194
Max. Cranial Breadth (B)			144
Min. Frontal Breadth (B')			109
Basion Bregma height (H')			139
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			74.2
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			116.3
Nasal Height (NH')			53.1
Nasal Breadth (NB)			24.92
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			58.4
Frontal Arc (S1)			35.5
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			132
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			33.7
Mandibular Angle MZ			
Bigonial Breadth OoGo			108
Max. Mandibular Length			89.5

53.

left

right

Femur

FeL1 Max. L	455	450
FeL2 Obl. L		
FeD1 A-P Subtroch DI	30.7	30.4
FeD2 M-L Subtroch DI	32.3	31.8
FeDs Max. DI Head	see p. 8	see p. 8
C Midshaft Circ.		
FeEI Bicond Width		

Tibia

TiL1 Max. L	348	344
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	34.3	33.6
TiD2 M-L DI. Nut. For	28.6	26.2

Fibula

FiL1 Max. L		
-------------	--	--

Humerus

HuL1 Max. L	321	326
HuD5 Max. DI Head	see p. 8	see p. 8
HC Midshaft Circ		

Radius

RaL1 Max. L	234	234 237
-------------	-----	--------------------

Ulna

UiL1 Max. L	250	259
-------------	-----	-----

Clavicle

ClL1 Max. L	see p. 8	see p. 8
-------------	----------	----------

54.

left un-sided right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

39.8	40.3
31.58	30.2

Atlas

Max. Internal width

	29.3	
--	------	--

Sternum

SL Max. L. Body
ML max. L. Manbrium

	123.9	
	50.1	

Sacrum

SacL Max. L
SacB Max. B

	113	
	115	

Indices

Cranial

Height/Length
Height/Breadth

	71.64	
	96.52	

Nasal

Upper Facial
~~Foramina~~ Nasal
Palatal
Orbital
Mean Porion Height

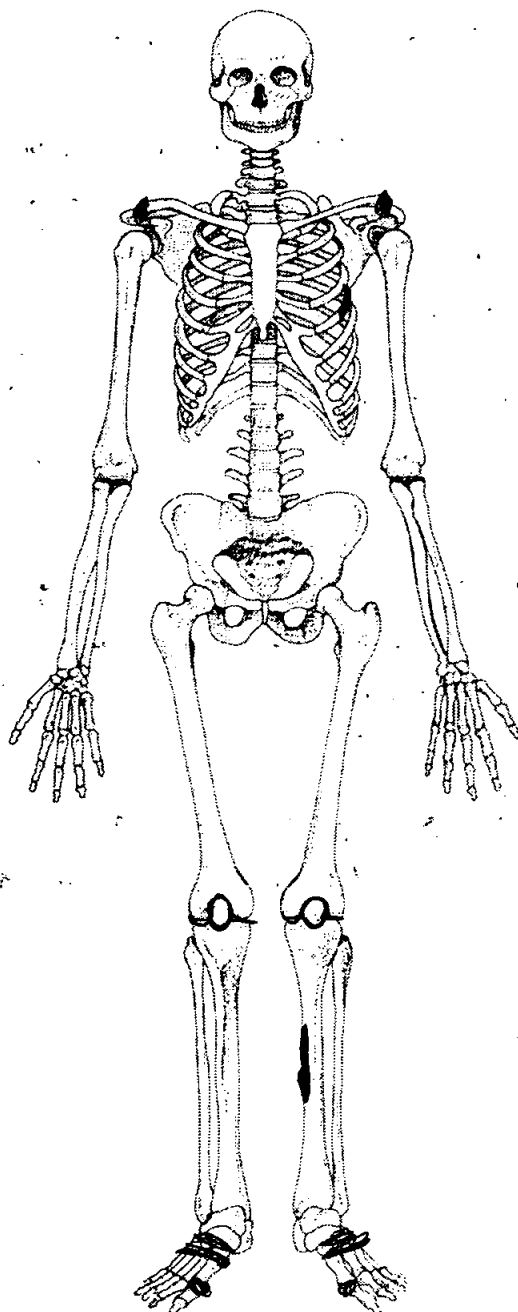
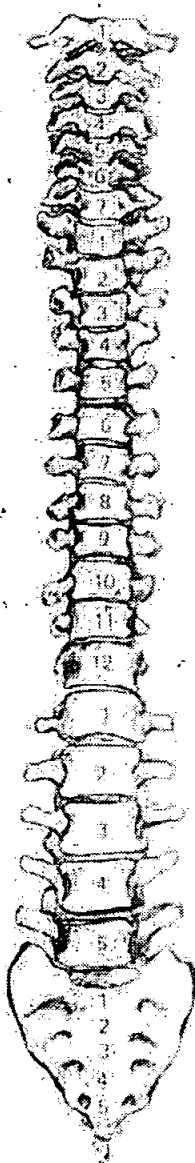
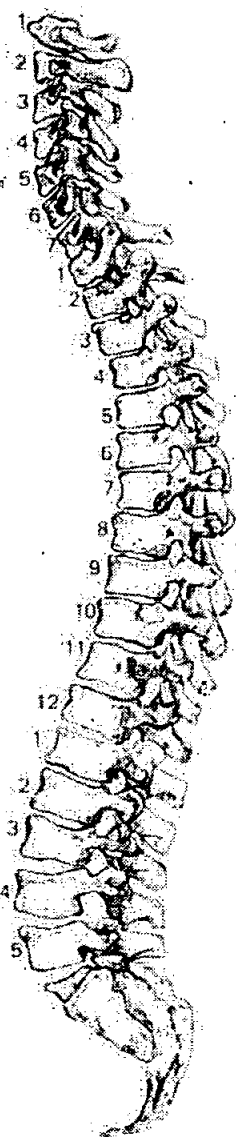
	63.80	
	46.93	
	60.70	
84.75		85.18

Post Cranial

Platymetric
Platycnemic
Radio-Humeral
Robusticity

95.05	95.59
83.38	77.98
72.89	72.69

55. Pathological Distribution



56. Pathological Description

Acromioclavicular ends of the clavicles are very porous & the articular surfaces of the acromion are also porous & the left side ~~was~~ is also eburnated.

Left (rib one of rib 5-8) is fractured with large callus & extensive remodelling. Fracture is healed - longstanding. The fracture is located laterally on the rib - suggests the blow came from the side.

Left & right femoral condyles are surrounded by osteophytes & the L & R patellae are also lipped around the articular edges. Both tibiae (-proximal ends) on the articular surfaces are slightly lipped ~~including~~ including the tibial eminence - bilateral. These changes are degenerative.

Left tibial shaft is slightly thickened on the medial side & midshaft (medially) is an area of 61.3 (Sup-inf) & 17.4 (M-L). - The new bone formation ~~is~~ healed periostitis & consist of lamellar bone

Right foot:

Navicular bone - articular surface for M \Rightarrow L cunifform is demarkated by osteophyte formations.

The articular surface for the cuboid on the calcaneus is tipped. All ~~tarsal~~ ^{tarsal} bones ~~have~~ has osteophyte formations, including the ~~at~~ proximal articulating surfaces of all metatarsals.

These changes are bilateral though the osteophyte formations appear to be slightly more severe on the right foot.

Right 1st Metatarsal:

Complete destruction of the normal joint ^{of the distal art. surf.)} morphology, large osteophyte surrounding the joint & there is eburnation & pitting. This is also evident on the proximal phalanx.

The ~~e~~ lipping & eburnation is also present on the left 1st Metatarsal & proximal phalanx.

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB	Dens. Facet: EB, OP									
C2	OP PO SN EB	Dens. EB, OP									
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB	OP									
C6	OP PO SN EB	OP	OP								
C7	OP PO SN EB	OP			OP						
T1	OP PO SN EB			OP							
T2	OP PO SN EB										
T3	OP PO SN EB										
T4	OP PO SN EB		OP								
T5	OP PO SN EB	OP	OP								
T6	OP PO SN EB	OP	OP								
T7	OP PO SN EB	OP	OP							OP PO	
T8	OP PO SN EB	OP	OP			OP	OP PO			OP	PO
T9	OP PO SN EB					OP	OP PO	OP	OP		OP PO
T10	OP PO SN EB		OP	OP	OP	OP					
T11	OP PO SN EB	OP	OP	OP							
T12	OP PO SN EB	OP	OP								
L1	OP PO SN EB	OP	OP								
L2	OP PO SN EB	OP	OP								
L3	OP PO SN EB	OP	OP								
L4	OP PO SN EB	OP	OP	OP					OP		
L5	OP PO SN EB	OP	OP						OP		

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

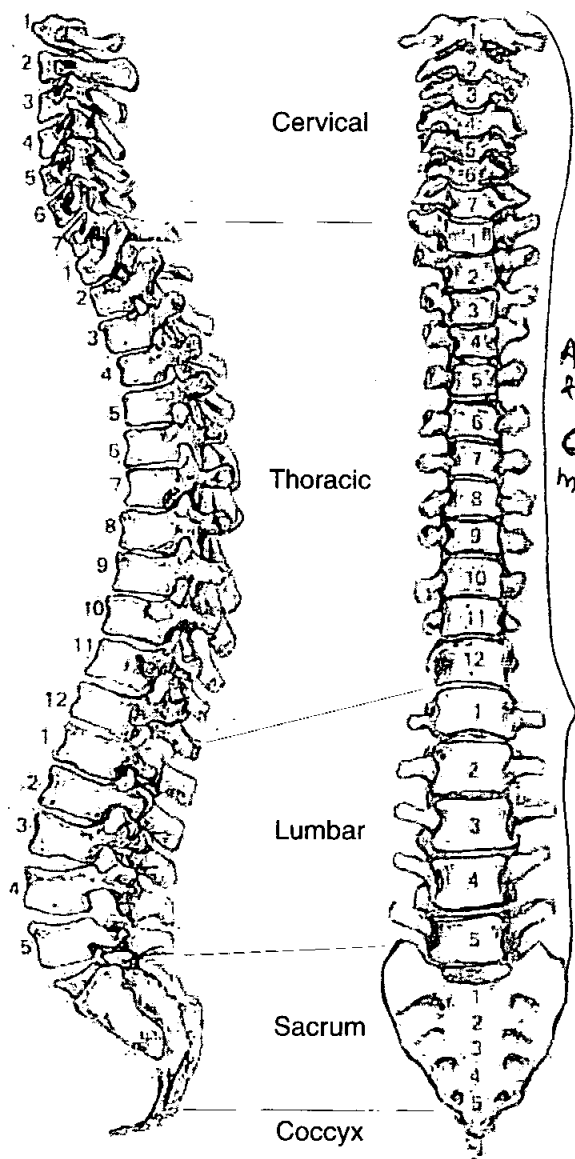
59. Further notes

spinal joint disease:

osteophyte formations are slight throughout
the spine.

1. Site Name OLR 00
2. Date of Record 06 02 04
3. Period P-M
4. Skeleton Number 966
5. Age 54-64
6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified
7. Stature 170.15 ± 2.99 cm
8. Preservation (tick one) ☐ Excellent ☒ Good/Fair ☐ Poor ☐ Destroyed
9. Summary of Pathological Conditions Healed anaemia,
degenerative joint disease @ acromioclavicular joints, hips, knees &
tarsals + metatarsals & MC1-left and spine.
Other: lytic lesions, ulnae - Non-specific infection ???

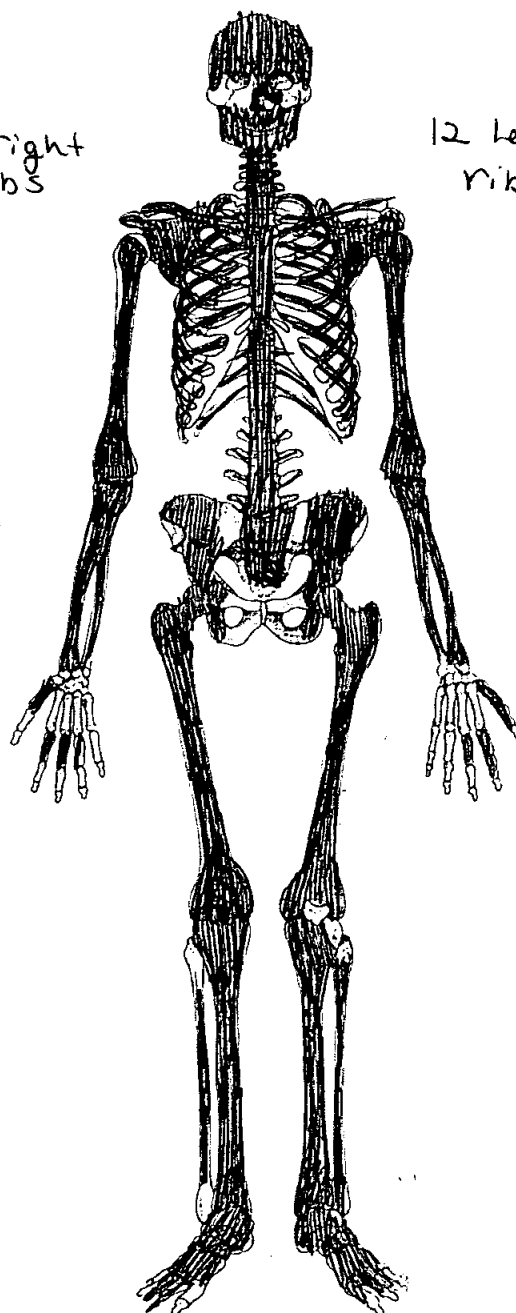
10. Diagram of Bones Present 1



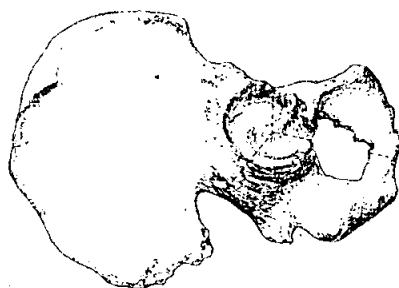
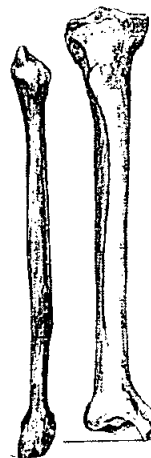
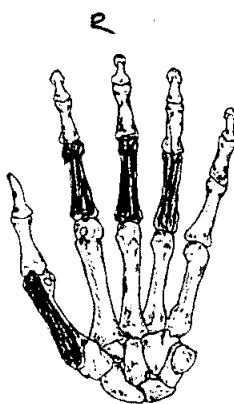
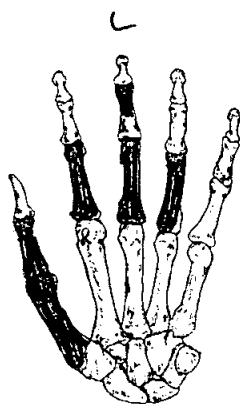
12 right
ribs

12 left
ribs

All present
& complete
CH is
missing.



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

Fused (+28)

14. Dental Eruption and Development

15. Dental Attrition

25-31.5

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

Not present

17. Sternal End of Ribs

Stage 7: 54.3-64.1

18. Cranial Suture Closure

19. Ilium Auricular Surface

55-63

20. Degenerative Joint Disease

Osteophytes on lumbar

21. Comments

Sexing

Skull

22. Supraorbital Ridges

M

23. Mastoid Processes

M

24. Posterior Zygomatic Arch

M

25. Nuchal Crest/Occipital Protuberance

M

26. Anterior Mandible

M

27. Orbital Rims

F

Pelvis

28. Sciatic Notch

M

29. Subpubic Angle

—

30. Subpubic Concavity

—

31. Ischio-Pubic Ramus

—

32. Ventral Arc

—

33. Preauricular Sulcus

M

34. Obturator Foramen

—

35. Pelvic Brim

M

36. Acetabulum

M

37. Ilium Auricular Surface

M?

Sacrum

38. Segments

—

39. Morphology

M

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

8	7	X	5	4	3	2	1	|	1	2	3	X	5	6	7	8
8	7	X	5	4	3	2	1	|	1	2	3	4	5	X	7	8
NP	C	A														NP

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

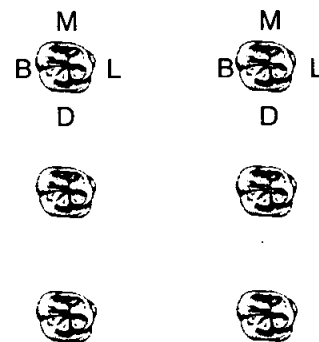
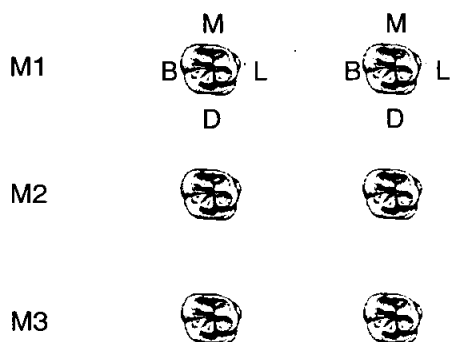
Maxilla

Left

Right

Left

Right



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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
					2xL						2xL					

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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
			MS	MS	DS	LH	LH	LH	LH	MH	MS				
				DS	DS										

45. Periodontal Disease (Brothwell 1981)

S = Slight

M = medium

C = Considerable

M = medium - Mandible - all teeth

46. Caries (Lukacs 1989)

Small

Medium

Large

Occusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

7

47. Abscess

Internal Drain

External Drain

16

48. Dental Anomalies

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 48.70	R 50.1
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 49.70	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R 24.60
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 30.70	R —
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 164.50	R —

50. Cranial Non-metrics A=Absent, P=present, NP= Bone not present,
No= Trait not observable (bone too dirty)

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	L+R=NP
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipteric Bone	L+R=A
Ossicle at Asterion	L+R=A
Parietal Notch Bone	L+R=A
Fronto-temporo Articulation	L+R=A
Parietal Foramen	L+R=P
Access Infraorb. For	L+R=NP
Zygomat. Facial. For	L+R=NP
Frontal. For	L+R=P
Foramen of Huschke	L+R=A
Auditory Torus	L+R=A
Mandibular Torus	L+R=A
Torus Maxillares	L+R=A
Precondylar Tubercle	L+R=A
Foramen Ovale	L+R=A (complete)
Supra-Orbital Foramen	L+R=A (Notched)
Postcondylar facet	L+R=A
Foramen Spinosum	L+R=P (open)
Posterior Cond. Canal	L=A, R=P
Condylar Facet	L+R=A (single)
Mastoid Foramen	L+R=A (sutural)
Ant. Ethmoid Foramen	L+R=NP
Post. Ethmoid Foramen	L+R=NP
Anterior Condylar Canal	L=P (Bipartate) R=A

A = Absent, P = Present
NP = Bone not present

51. Humerus

	unsided	left	right
sepal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		P	NP

Atlas

facet form double/single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		C1, C6	C1, C6, C7

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		A	A
spina bifida occulta	A	A	

Femur

allen's fossa		A	A
polirier's facet		A	A
plaque		P	P
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		P	P

Patella

vastus notch		A	A
vastus fossa		A	A
emarginate patella		A	A

Tibia

med. squatt. facet form double		A	A
lat. squatt. facet form single		A	A

Calcaneus

facet form double		P	P
facet form single		A	A

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)			NP
Orbital Length (O'2)			NP
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			195
Max. Cranial Breadth (B)			144
Min. Frontal Breadth (B')			107
Basion Bregma height (H')			123.5
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			WAP
Upper Facial Height (G'M)			NP
Bimaxillary Breadth (GB)			ANW
Bizygomatic Breadth (J)			NP
Nasal Height (NH')			NP
Nasal Breadth (NB)			NP
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			46.92
Frontal Arc (S1)			34.38
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			134
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			29.8
Mandibular Angle MZ			106.5
Bigonial Breadth OoGo			74.5
Max. Mandibular Length			

966
OLR ~~966~~

Skeleton Recording Sheet (Adult)

53.

left

right

Femur

FeL1 Max. L

462

462

FeL2 Obl. L

FeD1 A-P Subtroch DI

33.9

32.70

FeD2 M-L Subtroch DI

35.7

34.90

FeDs Max. DI Head

48.70

50.1

C Midshaft Circ.

FeEI Bicond Width

—

—

Tibia

TiL1 Max. L

360

362

TiB1 Bicond Width

TiD1 A-P DI. Nut. For

39.0

39.0

TiD2 M-L DI. Nut. For

30.0

29.22

Fibula

FiL1 Max. L

—

—

Humerus

HuL1 Max. L

332
~~444~~

—

HuD5 Max. DI Head

49.7

—

HC Midshaft Circ

Radius

RaL1 Max. L

—

248

Ulna

UiL1 Max. L

—

—

Clavicle

CiL1 Max. L

164.5

—

54.

left

right

Scapula

GC2 Glen. Cav. L

GC2 Glen. Cav. B

30.70

—
—

Atlas

Max. Internal width

	27.0
--	------

--

Sternum

SL Max. L. Body

ML max. L. Manbrium

	—
	49.6

Sacrum

SacL Max. L

SacB Max. B

	—
	—

Indices

Cranial

Height/Length

Height/Breadth

	63.33
	85.76

Nasal

Upper Facial

~~Foraminal~~ Nasal

Palatal

Orbital

Mean Porion Height

	—
	—
	73.27
	—

Post Cranial

Platymetric

Platycnemic

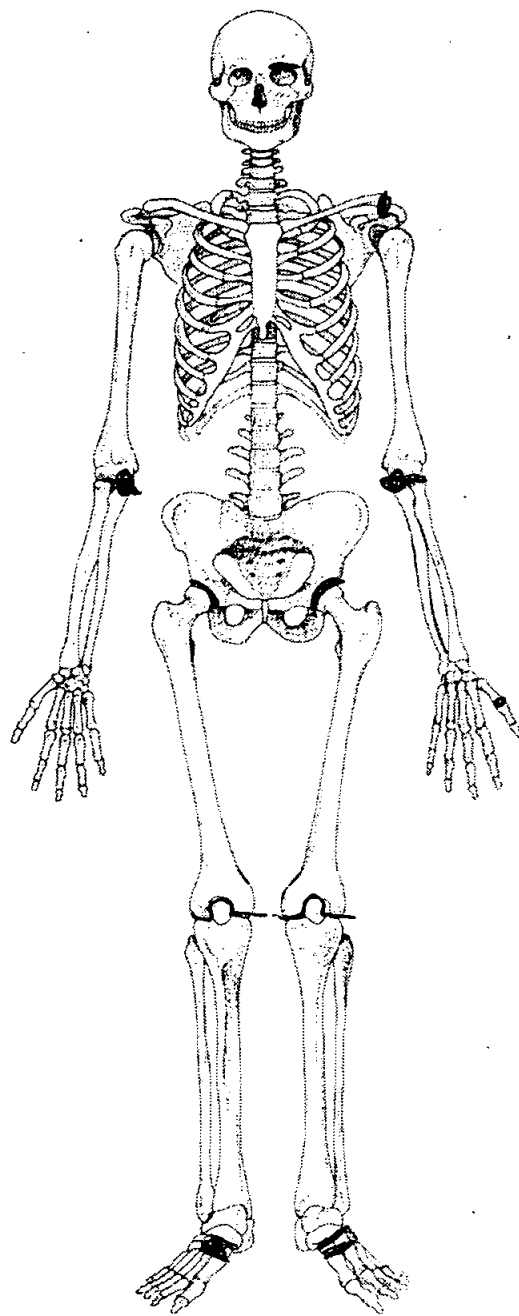
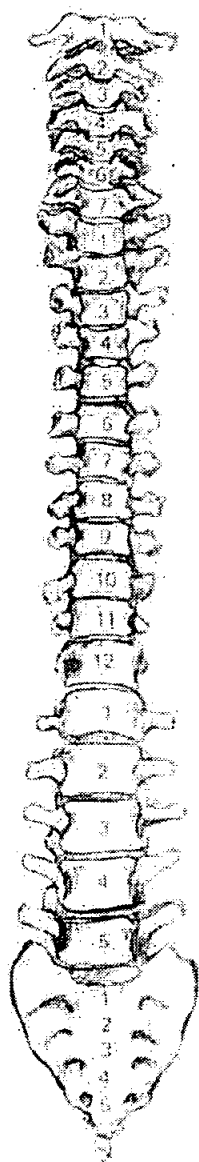
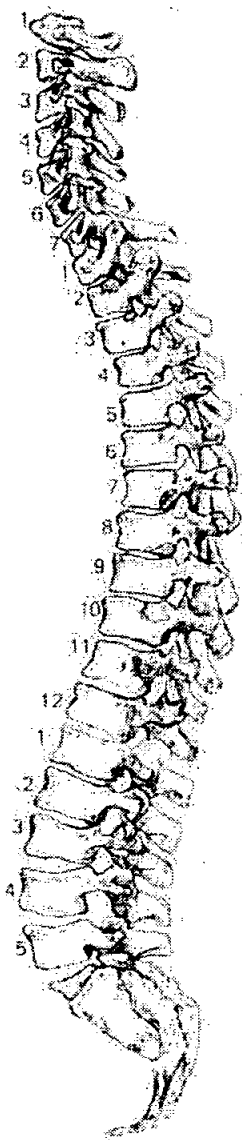
Radio-Humeral

Robusticity

94.96	94.96
76.92	76.92
—	

93.97
74.92
—

55. Pathological Distribution



56. Pathological Description

- * Left orbital roof - scattered fine foramina - grade 2, lesion is healed = cribra orbitalia - ~~anemic~~ anemia
- * Acromial articular end of left clavicle; surface irregular & pitted = degenerative joint disease @ the acromio-clavicular joint
- * Proximal end right ulna superior to the olecranon process - a lytic lesion is present anterior to the insertion of biceps brachii. The base is irregular with deeper pits & the trabecular structure is exposed. The edges of the lesions are sharp & irregular. The lesion was active @ the time of death. Non-specific infection??
- * Left 1st Metacarpal; head is lipped.
- * Left & right acetabulum; slight lipping of the rim
- * Left & right distal femur; lipping - slight surrounding the condyles
- * Left tarsals; Navicular cuneiforms 1 & 3 are lipped & the metatarsal articular facets of the cuneiforms are also bony porous. This is the same for the right tarsals.



→ Over

Metatarsals: Mt 1, left & right, proximal ends are lipped and very porous with an irregular surface morphology. The distal ends are lipped medially, laterally & inferiorly. Some small areas of porosity is also present.

Left & right Mt 2 & 3 are lipped @ proximal end (articulation with tarsals) Mt 2's are also slightly porous.

The severity of the lesions are slightly more severe on the right foot. = Degenerative joint disease.

Very pronounced muscle attachment points @ linea aspera both femora & soleus line, both tibiae - occupational.

X = Bone not present

OLR ~~φφ~~

57. Spinal Joint Disease (for key and recording method see over)

17. Spinal Joint Disease (for key and recording method see over)											
		S.B.	I.B.	L.S.P.	L.I., P.L.T., P	LC.F.	R.SP.	R.I.R.	RTP.	RCF.	
		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB		PO								
C3	OP PO SN EB	OP	PO OP								
C4	OP PO SN EB	PO OP	PO OP								
C5	OP PO SN EB	PO OP	PO								
C6	OP PO SN EB	PO OP	PO								
C7	OP PO SN EB	PO	PO OP								
T1	OP PO SN EB	OP PO	PO OP							X	NA
T2	OP PO SN EB	PO	PO OP							X	NA
T3	OP PO SN EB	PO	PO		PO			PO		X	NA
T4	OP PO SN EB	OP PO	OP PO					PO	PO	X	NA
T5	OP PO SN EB	OP PO	OP PO SN	PO	PO		PO	PO			PO
T6	OP PO SN EB	OP PO SN	SN OP	PO			PO	PO			
T7	OP PO SN EB	SN PO	SN OP PO	PO				PO			
T8	OP PO SN EB	SN	SN OP	OP				OP PO			
T9	OP PO SN EB	SN OP	OP PO		OP		OP		OP		OP
T10	OP PO SN EB	SN OP	SN OP								OP
T11	OP PO SN EB	SN OP	SN OP		OP		OP	OP		OP	
T12	OP PO SN EB	OP PO SN	OP PO SN	OP			OP PO	OP		OP	
L1	OP PO SN EB	PO	PO OP SN								
L2	OP PO SN EB	OP PO	OP PO	OP	OP			OP	OP		
L3	OP PO SN EB	OP PO	OP PO	OP	OP			OP	OP		
L4	OP PO SN EB	OP PO	OP		OP				OP		
L5	OP PO SN EB		OP PO	OP	OP			OP	OP		

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

Spinal:

Osteophytes are slight on all ~~the~~ bodies.

The porosity is slight on all apart from
cervicals & L5 inf. body.

1. Site Name

2. Date of Record

14 02 01

3. Period

P-M

4. Skeleton Number

967

5. Age

42+

6. Sex (tick one)

☒ Male

☐ Female

☐ Unidentified

7. Stature

162.61 ± 2.99 cm

8. Preservation (tick one)

☒ Excellent

☐ Good

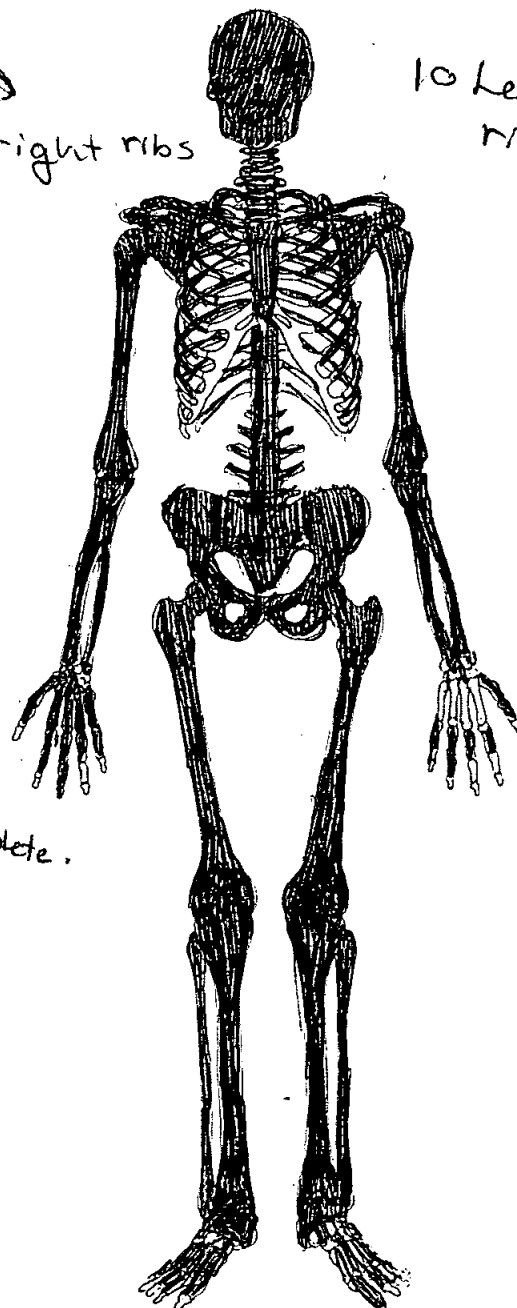
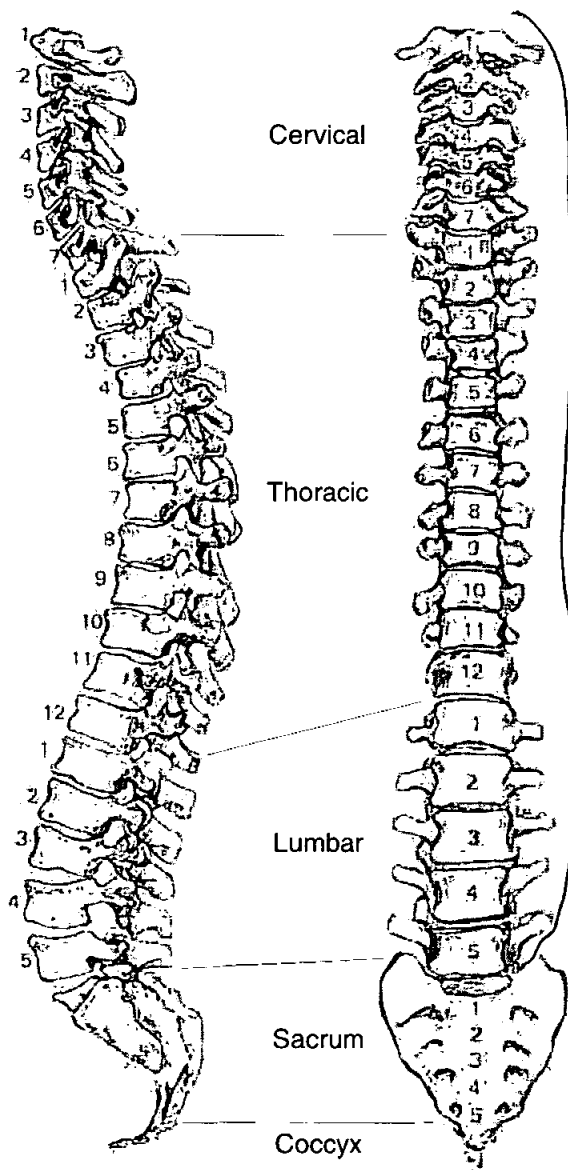
☐ Poor

☐ Destroyed

9. Summary of Pathological Conditions

Active cribra orbitalia,
Trauma: Healed rib fracture left Rib number 11, healed depressed cranial fracture
DDD: knees & hips - very slight.
Endocrine disorder: Acromegaly

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2

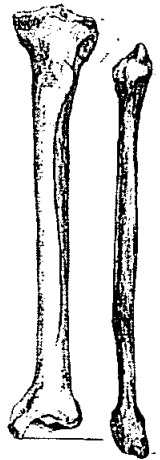
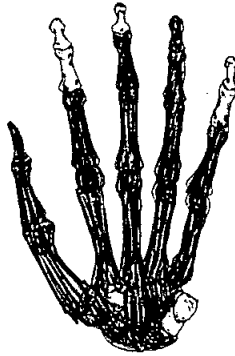
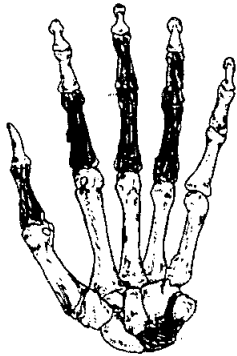
OLR 05/06

L

R

L

R



Adult Age Estimation

13. Epiphyseal Fusion

Fused (+28)

14. Dental Eruption and Development

—

15. Dental Attrition

M1's - Mandible: 42-48

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♂ stage IV mean 35.2

17. Sternal End of Ribs

18. Cranial Suture Closure

19. Ilium Auricular Surface

~~54-58~~ 55-59

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

M

23. Mastoid Processes

M?

24. Posterior Zygomatic Arch

M

25. Nuchal Crest/Occipital Protuberance

M

26. Anterior Mandible

M

27. Orbital Rims

M

Pelvis

28. Sciatic Notch

M

29. Subpubic Angle

M

30. Subpubic Concavity

M

31. Ischio-Pubic Ramus

M

32. Ventral Arc

M

33. Preauricular Sulcus

M

34. Obturator Foramen

M?

35. Pelvic Brim

M

36. Acetabulum

M

37. Ilium Auricular Surface

M

Sacrum

38. Segments

M

39. Morphology

M

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
 R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
 - = Jaw Not Present

8	7	X	5	NP	4	3	2	1	1	2	3	4	5	X	7	8
8	7	6	5	4	3	2	1	1	1	2	3	4	5	6	7	8

41. Bite

☐ Overbite ☐ Underbite ☒ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

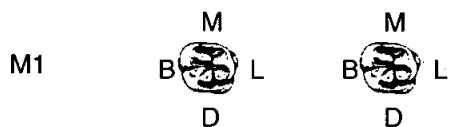
Maxilla

Left

Right

Left

Right



43. Dental Hypoplasia

P = Pit L = Line G = Groove

8	7	6	5	4	3	2	1	1xG	1	2	3	4	5	6	7	8
8	7	6	5	4	3	2	1	1xG	1	2	3	4	5	6	7	8
					1xG	1xG	PG	1xG	1xG							

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 47.4	R 49.3
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 74.7	R 75.1
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 49.6	R 48.5
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 24.5	R 25.4
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 28.2	R 29.0
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 152	R 147

A = Absent, P = Present, NP = Bone not present
NO = Trait not observable

50. Cranial Non-metrics

Highest Nuchal Line	A
Ossicle at Lambda	A - suture closed
Bregmatic Bone	A - " "
Access. Lesser Pal. For	L+R=A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A - suture closed
Coronal Ossicle	A - " "
Epipteric Bone	L+R=A
Ossicle at Asterion	L+R=A
Parietal Notch Bone	L+R=A
Fronto-temporo Articulation	L+R=A
Parietal Foramen	L=A, R=P
Access Infraorb. For	L=A, R=A L=P, R=A
Zygomat. Facial. For	L=2, R=1
Frontal. For	L+R=A
Foramen of Huschke	L+R=NO
Auditory Torus	L=A, R=NO
Mandibular Torus	L+R=A
Torus Maxillares	L+R=A
Precondylar Tubercle	L+R=A
Foramen Ovale	L+R=A (complete)
Supra-Orbital Foramen	L=A (Notch) R=P (Bridged)
Postcondylar facet	L+R=A
Foramen Spinosum	L+R=A
Posterior Cond. Canal	L+R=A
Condylar Facet	L+R=A (single)
Mastoid Foramen	L+R=A
Ant. Ethmoid Foramen	L+R=A
Post. Ethmoid Foramen	L=A L+R=A
Anterior Condylar Canal	L+R=NO
	L+R=A (single)

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		A	A

Atlas

facet form double /single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		A	A
spina bifida occulta	A		

Femur

allen's fossa		A	A
polirier's facet		A	A
plaque		P	P
third trochanter		P	P
hypotrochanteric fossa		A	A
exostoils in trochanteric fossa		NO	A

Patella

vastus notch		A	A
vastus fossa		A	A
emarginate patella		A	A

Tibia

med. Squatl. facet form double		A	A
Lat. Squatl. facet form single		A	A

Calcaneus

facet form double		A	A
facet form single		P	P

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	42.5	40.34	
Orbital Length (O'2)	35.7	37.6	
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			176
Max. Cranial Breadth (B)			134
Min. Frontal Breadth (B')			92
Basion Bregma height (H')			131
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			77.3
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			✓ 180.88
Nasal Height (NH')			55.3
Nasal Breadth (NB)			21.98
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			51.9
Palatal Breadth (G'2)			55 33.2
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			107
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			34.6
Mandibular Angle MZ			
Bigonial Breadth OoGo			105
Max. Mandibular Length			81

53.

left

right

Femur

FeL1 Max. L

411

420

FeL2 Obl. L

FeD1 A-P Subtroch DI

29.1

29.98

FeD2 M-L Subtroch DI

36.6

34.20

FeDs Max. DI Head

C Midshaft Circ.

FeEI Bicond Width

Tibia

TiL1 Max. L

353

357

TiB1 Bicond Width

72.7

—

TiD1 A-P DI. Nut. For

34.5

36.2

TiD2 M-L DI. Nut. For

24.3

25.0

Fibula

Fil1 Max. L

351

353

Humerus

HuL1 Max. L

322

322

HuD5 Max. DI Head

HC Midshaft Circ

Radius

RaL1 Max. L

235

233

Ulna

UiL1 Max. L

254

255

Clavicle

CiL1 Max. L

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

37.48

Atlas

Max. Internal width

27.9

Sternum

SL Max. L. Body
ML max. L. Manbrium

102.9
47.98

102.9

Sacrum

SacL Max. L
SacB Max. B

110

Indices

Cranial

Height/Length
Height/Breadth

74.43
97.76

Nasal

Upper Facial
~~Foraminal~~ Nasal
Palatal
Orbital
Mean Porion Height

76.62
39.75
63.97
84
X

93.21

Post Cranial

Platymeric
Platycnemic
Radio-Humeral
Robusticity

79.51
70.43
72.98
~

~

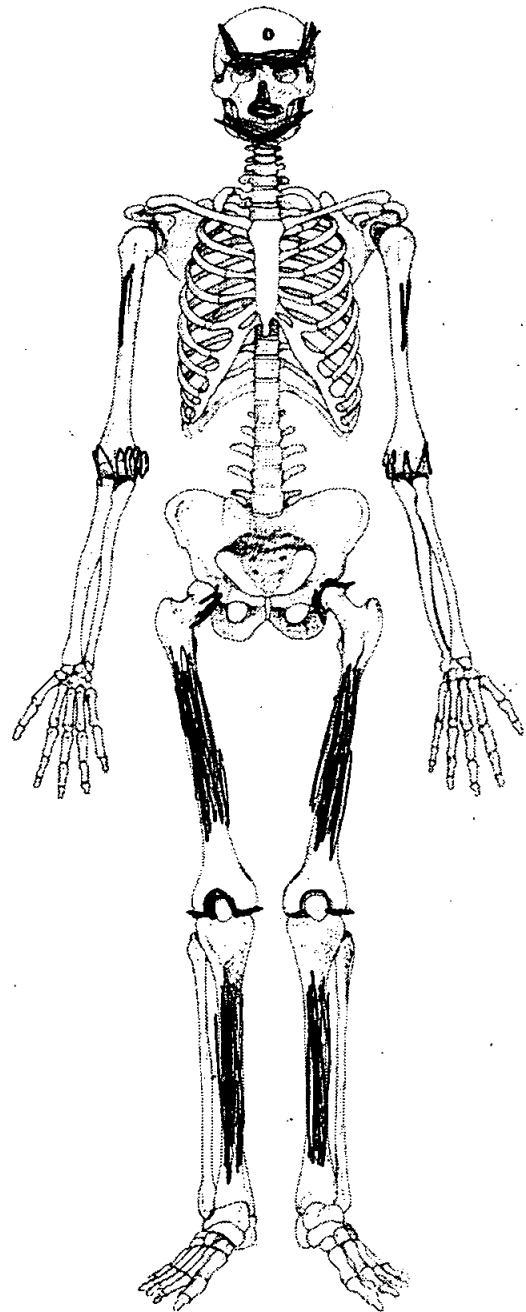
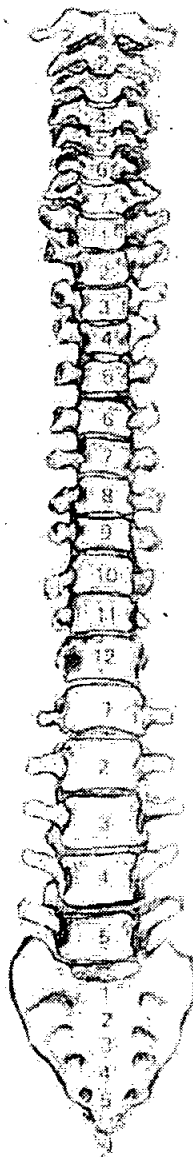
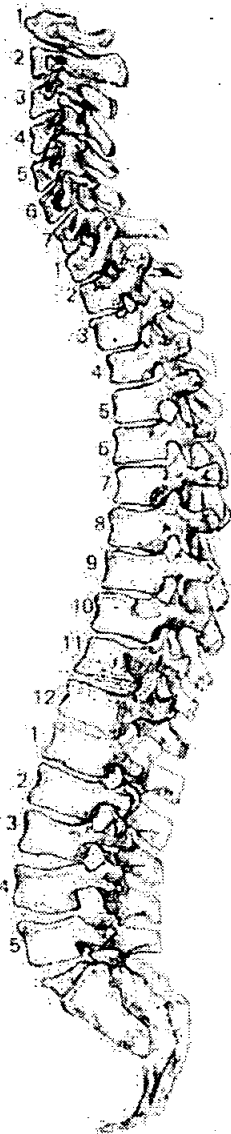
87.66
69.06
72.36
~

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB		OP								
C3	OP PO SN EB	OP	OP								
C4	OP PO SN EB	OP	OP								
C5	OP PO SN EB	OP	OP								
C6	OP PO SN EB	OP	OP								
C7	OP PO SN EB	OP	OP								
T1	OP PO SN EB		OP								
T2	OP PO SN EB										
T3	OP PO SN EB		OP								
T4	OP PO SN EB		OP								
T5	OP PO SN EB		OP								
T6	OP PO SN EB		OP								
T7	OP PO SN EB		OP								
T8	OP PO SN EB										
T9	OP PO SN EB										
T10	OP PO SN EB										
T11	OP PO SN EB										
T12	OP PO SN EB										
L1	OP PO SN EB		OP								
L2	OP PO SN EB										
L3	OP PO SN EB										
L4	OP PO SN EB										
L5	OP PO SN EB										

Osteophytes are slight on c's very slight elsewhere.

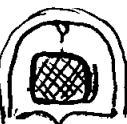
55. Pathological Distribution



56. Pathological Description

- * Left + right orbital roofs: scattered fine foramina - grade 2, lesions are active, = Cribra orbitalia (active anaemia)
- Slight lipping of inferior border of right femoral head. Slight lipping of the femoral condyles & patellar surface. Left femur: slight lipping of inferior & superior border of the head. Slight lipping of the condyles & patellar surface. = Degenerative joint disease

A subcircular ~~perforation~~ perforation of the palate measuring A-P = 24.3 mm, M-L = 22.1. The ~~margin~~ edges are well defined & sharp indicating an active lesion. The vomer is also eroded at the inferior margin superior to the palate. The lytic lesion spans the same A-P length as the perforation on the palate. The lesion ~~is~~ is likely to have been caused by a tumor involving the adenoid tissue. This - was acidophila adenoma



↑
palate

a slow growing isolated tumor, no other neoplastic lesions are present on the skeleton.

The cranium also has oversized supra orbital ridges, & an elongated mandible with ~~anterior~~ very high ^{maxilla} ~~mandibular~~ symphyseal height - see cranial metrics. This gives the appearance of a very long ~~face~~ face with an overpronounced mandible. The maxillary & mandibular region of the face is also slightly twisted to the left. The temporal ridges are also very pronounced & clearly visible spanning as a semi-circle to the ~~superio~~ superio-posterior region of the mastoids.

Post-cranial changes involves:

Flared distal humeri with ^{over} large medial epicondyles. ^{large} deltoid insertion points.
Ribs: Lamellar bone present @ the insertion & origin points for the internal & external intercostal muscles.

~~Ante~~ Femora: Pronounced linea aspera - both L+R.

Both femora has pronounced build-up of lamellar bone on the anterior aspect of the shaft - this is the origin of the quadriceps femoris.

Both tibia has a very large protruding ~~soleus~~ soleus line. Lamellar bone is also present on the lateral border & medial sides of the tibiae.

The cranial & post-cranial features are consistent with the endocrine disturbance ACROMEGALY. - This occurs in adults after the closure of the epiphyseal growth plates.

Acromegaly is caused by a acidophilic adenoma of the pituitary gland. ~~Since~~ An x-ray is needed to determine if any ~~lesion~~ lytic lesion is present @ the sella turcica.

The lytic lesion present at the palate is likely to be related to the acromegaly. It is possible that the cancerous adenoid tissue @ the pituitary gland spread to the nasal adenoids over time. - More likely to have been an isolated slow growing cyst - hence the smooth edges of the lesion.

Trauma! Left rib No 11, fracture - Large callous - Painly resented & in the process of healing.



Also a small ϕ 10.5 mm depressed skull fracture situated on the frontal bone, central. Healed & longstanding.



1. Site Name

OLR 00

2. Date of Record

12 02 01

3. Period

P-M

4. Skeleton Number

968

5. Age

60+

6. Sex (tick one)

☒ Male ?

☐ Female

☐ Unidentified

7. Stature

166.24 ± 4.05 cm

8. Preservation (tick one)

☐ Excellent

☐ Good

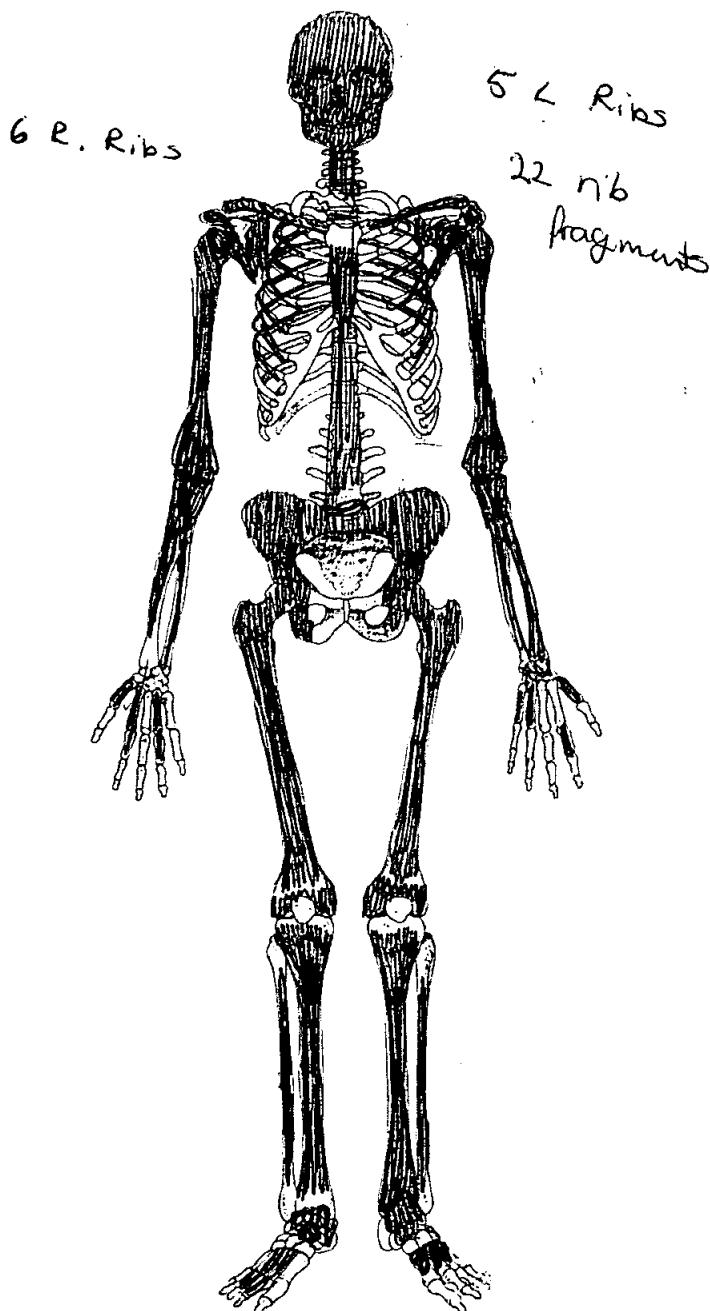
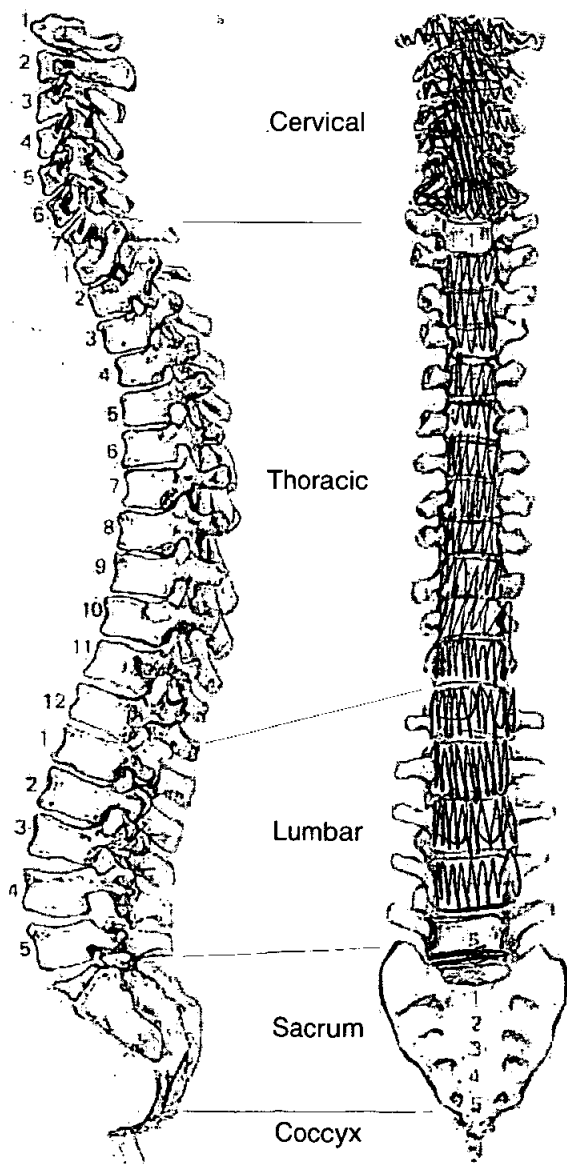
☒ Poor / Fair + very dirty

☐ Destroyed

9. Summary of Pathological Conditions

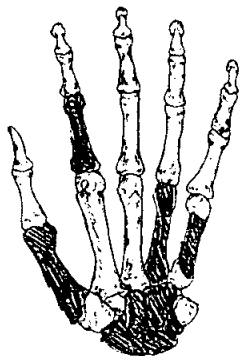
Osteoarthritis right acromioclavicular joint. Left - Degenerative joint disease.
Osteoarthritis - cervicals
Degenerative Spinal joint disease also on T's & L's

10. Diagram of Bones Present 1

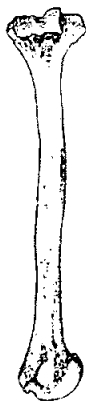
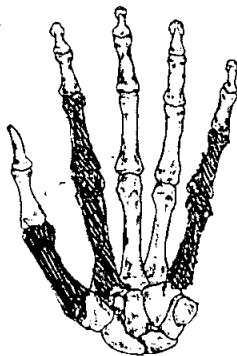


11. Diagram of Bones Present 2

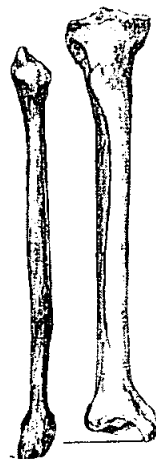
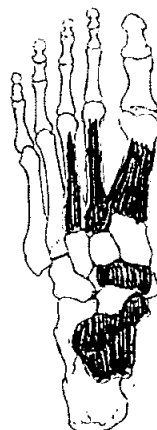
L



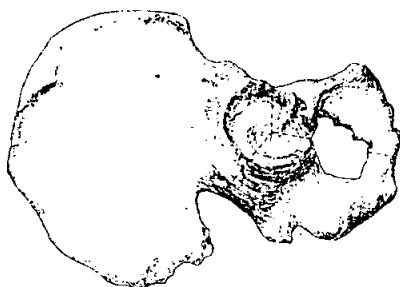
R



L



R



Adult Age Estimation

13. Epiphyseal Fusion

Fused (+28)

14. Dental Eruption and Development

15. Dental Attrition

No molars

16. Pubic Symphyses

Not present

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

Phase 8: 65-78

18. Cranial Suture Closure

19. Ilium Auricular Surface

60+

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

M

23. Mastoid Processes

M

24. Posterior Zygomatic Arch

M

25. Nuchal Crest/Occipital Protuberance

M

26. Anterior Mandible

M

27. Orbital Rims

L

Pelvis

28. Sciatic Notch

M

29. Subpubic Angle

NP

30. Subpubic Concavity

NP

31. Ischio-Pubic Ramus

NP

32. Ventral Arc

NP

33. Preauricular Sulcus

MF

34. Obturator Foramen

NP

35. Pelvic Brim

F?

36. Acetabulum

M?

37. Ilium Auricular Surface

M?

Sacrum

38. Segments

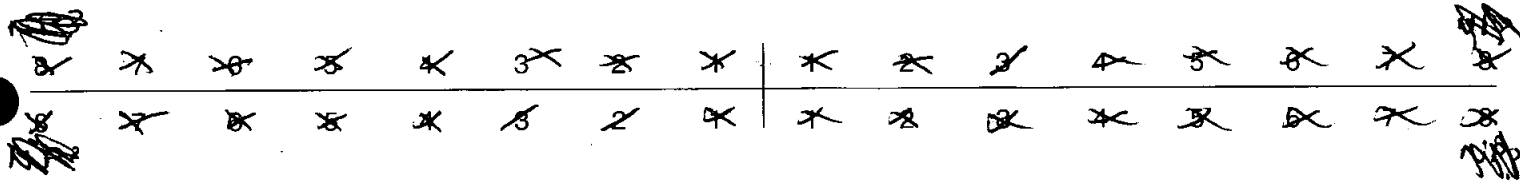
39. Morphology

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present



41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

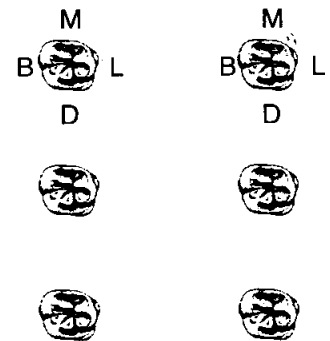
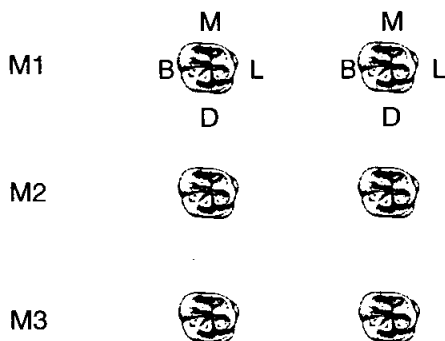
Maxilla

Left

Right

Left

Right



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 45.48	R 45.90
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 43.20	R
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L —	R 27.1
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R =

50. Cranial Non-metrics A = Absent, P = Present, NP = Bone not present,
NO = Not observable (obscured by hair/dirt etc.)

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	L = P, R = A
Palatine Torus	P
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipteric Bone	R + L = A
Ossicle at Asterion	R + L = A
Parietal Notch Bone	R + L = A
Fronto-temporo Articulation	R + L = A
Parietal Foramen	R + L = A
Access Infraorb. For	R + L = A
Zygomat. Facial. For	R = 2, L = 1
Frontal. For	R + L = A
Foramen of Huschke	A
Auditory Torus	R + L = A
Mandibular Torus	R + L = A
Torus Maxillares	R + L = A
Precondylar Tubercle	A
Foramen Ovale	R + L = A (complete)
Supra-Orbital Foramen	R = P, L = A
Postcondylar facet	R + L = P (Bridged)
Foramen Spinosum	R = P, L = A
Posterior Cond. Canal	L = P, R = A
Condylar Facet	L = P, R = A
Mastoid Foramen	R + L = A
Ant. Ethmoid Foramen	R + L = P (extrasutural)
Post. Ethmoid Foramen	L = A, R = NO
Anterior Condylar Canal	L = A, R = NO
	R + L = A

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		P	P

Atlas

facet form double/single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		NP	NP
spina bifida occulta	NP		

Femur

allen's fossa		A	A
polirier's facet		A	P
plaque		A	A
third trochanter		NP	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		P	P

Patella

vastus notch		NP	NP
vastus fossa		NP	NP
emarginate patella		NP	NP

Tibia

facet form double		NP	NP
facet form single		NP	NP

Calcaneus

facet form double		NP	A
facet form single		NP	A

**Skeleton Recording Sheet
(Adult)**

52.

left

right

unsided

968
CLRφφ

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	36.7	35.5	
Orbital Length (O'2)	34.0	34.52	
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			185
Max. Cranial Breadth (B)			143
Min. Frontal Breadth (B')			97
Basion Bregma height (H')			130
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			70.5
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			109.2
Nasal Height (NH')			48.8
Nasal Breadth (NB)			22.50
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			54.30
Palatal Breadth (G'2)			35.7
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			29.40
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEI Bicond Width

—
—
30.70
33.70
—
—
—

—
—
31.5
35.6
—
—
—

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

—
—
36.2
27.30

—
—
36.2
27.6

Fibula

FiL1 Max. L

—

—

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

311
—
—

—
—
—

Radius

RaL1 Max. L

229

—

Ulna

UiL1 Max. L

243

250

Clavicle

CiL1 Max. L

—

—

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

—
—

—
—

Atlas

Max. Internal width

	23.8	
--	------	--

Sternum

SL Max. L. Body
ML max. L. Manbrium

	78.50	
	—	

Sacrum

SacL Max. L
SacB Max. B

	—	
	—	

Indices

Cranial

Height/Length
Height/Breadth

	70.27	
	90.90	

Nasal

Upper Facial
Foraminal *Nasal*
Palatal
Orbital
Mean Porion Height

	64.56	
	46.10	
	65.74	
92.64		97.24

Post Cranial

Platymeric
Platycnemic
Radio-Humeral
Robusticity

91.10	88.48
74.41	76.24
73.63	—

X = Not present

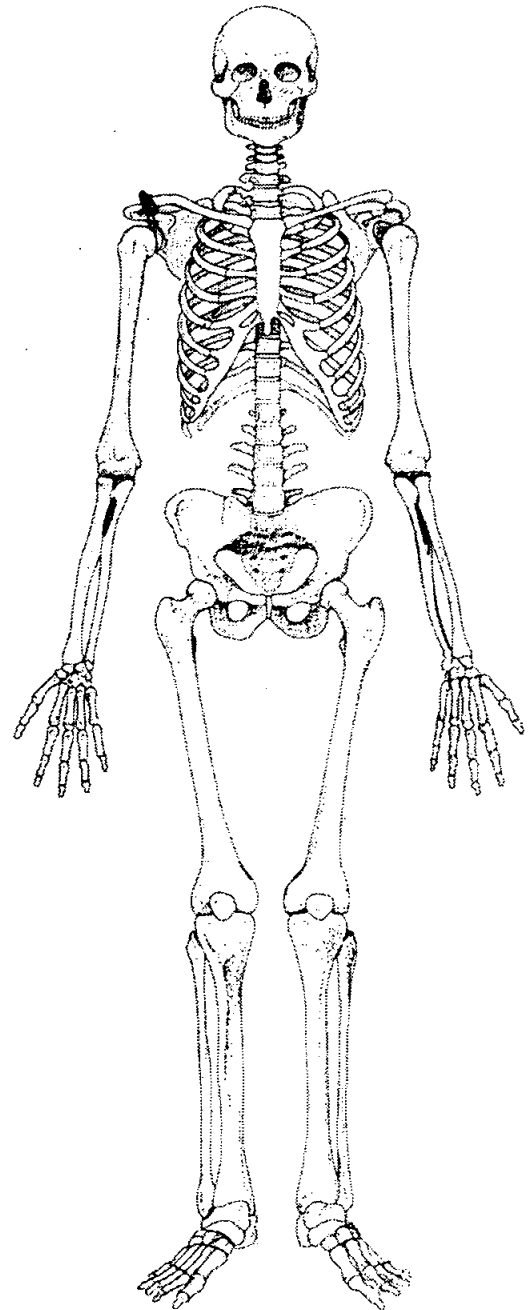
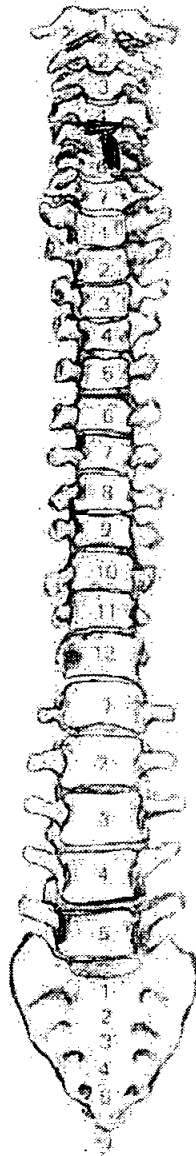
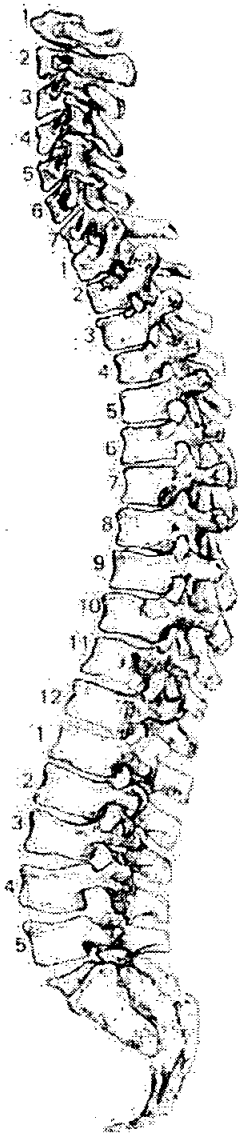
OLRck

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB		PO								
C3	OP PO SN EB	PO	PO OP								
C4	OP PO SN EB	PO OP EB	PO OP								
C5	OP PO SN EB	PO OP EB	PO OP								
C6	OP PO SN EB	PO OP	PO OP								
C7	OP PO SN EB	PO OP	PO								
X	OP PO SN EB						PO				PO
T2	OP PO SN EB		OP				PO				
T3	OP PO SN EB	X	X				X		PO OP		X
T4	OP PO SN EB		OP			X	X			X	X
T5	OP PO SN EB			X	X	X	X	X	X	X	X
T6	OP PO SN EB	PO	PO OP		X			PO	X		
T7	OP PO SN EB	PO OP	PO OP		X				X		
T8	OP PO SN EB	OP	PO						X		
T9	OP PO SN EB	PO OP	SN PO OP	X	X	X	X	X	X	X	X
T10	OP PO SN EB	OP	PO OP	X	X	X	X	X	X	X	X
T11	OP PO SN EB	OP PO	OP PO	X	X	X	X	X	X	X	X
T12	OP PO SN EB	OP PO	OP PO			X				X	
L1	OP PO SN EB	PO OP	PO OP	X	X		X	X	X		X
L2	OP PO SN EB	PO OP	PO OP	PO	PO		PO	PO	PO		
L3	OP PO SN EB	PO OP	PO OP	PO	PO			PO	PO		
L4	OP PO SN EB										
L5	OP PO SN EB	X	OP								

Osteophyte considerable on cervicals
Slight elsewhere.

55. Pathological Distribution



56. Pathological Description

Right acromioclavicular joint, gross porosity & eburnation = OA
 Left " " " " " " = DDD
 Left & right ulna: Very large muscle insertion point for the
 supinator @ supinator crest.

Ankylosis of C5-C6 through large osteophyte on
 anteriolateral (left side) aspect of the bodies.
 Eburnation also present on C4-5 = OA

969

1. Site Name OLR 00

2. Date of Record 26 01 01

3. Period P-M

4. Skeleton Number 969

5. Age 40-46

6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified

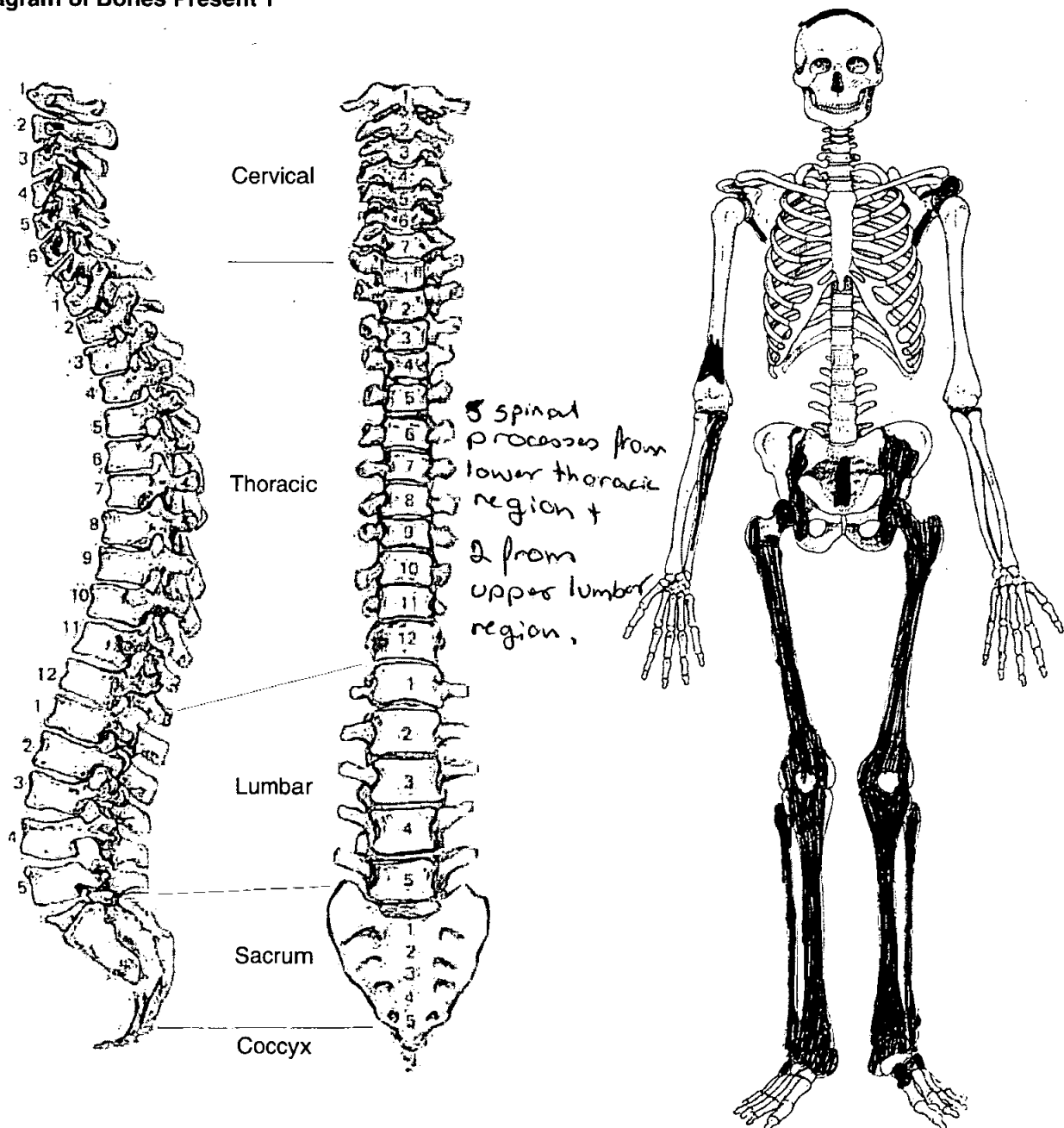
7. Stature 1.71.97 ± 2.99 cm

8. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor ☐ Destroyed

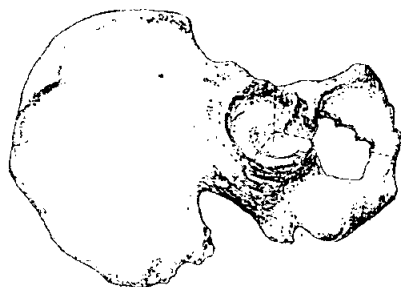
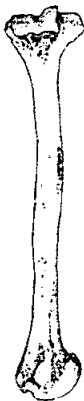
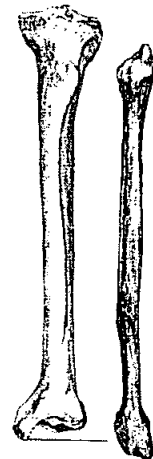
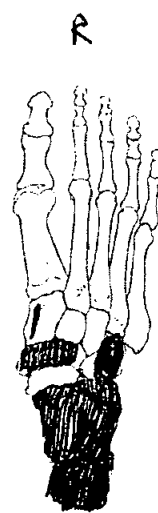
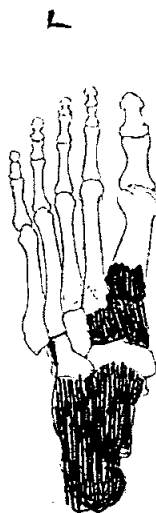
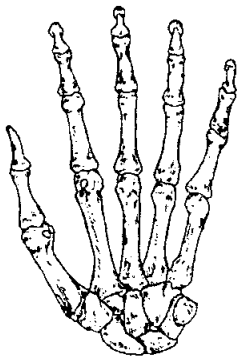
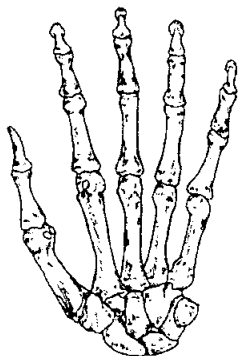
9. Summary of Pathological Conditions

Bones very dirty & cortical integrity poor so no lesions
was observed

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

Fused + 28.

14. Dental Eruption and Development

15. Dental Attrition

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

18. Cranial Suture Closure

44-46 ± 12 yrs

19. Ilium Auricular Surface

40-44 ~~40-44~~ - the auricular surface is
P-m damaged so age is estimated by using
1/2 of an auricular surface....

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

23. Mastoid Processes

24. Posterior Zygomatic Arch

25. Nuchal Crest/Occipital Protuberance

26. Anterior Mandible

27. Orbital Rims

Pelvis

28. Sciatic Notch

~~NP~~ P?

29. Subpubic Angle

NP

30. Subpubic Concavity

NP

31. Ischio-Pubic Ramus

NP

32. Ventral Arc

NP

33. Preauricular Sulcus

~~NP~~ M?

34. Obturator Foramen

NP

35. Pelvic Brim

NP

36. Acetabulum

NP

37. Ilium Auricular Surface

M

Sacrum

38. Segments

39. Morphology

Sternum

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 49.48	R
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L	R
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L	R
Radius Head Diameter >23mm = ♂, <21mm = ♀	L	R
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L	R
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L	R

50. Cranial Non-metrics

P = Present, A = Absent, NP = Bone not present, NO = not observable
R = Right, L = Left, B = Both sides

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	NP
Access. Lesser Pal. For	NP
Palatine Torus	NP
Metopism	NP
Lambdoid Ossicle	NP
Coronal Ossicle	NP
Epipteric Bone	NP
Ossicle at Asterion	NP
Parietal Notch Bone	NP
Fronto-temporo Articulation	NP
Parietal Foramen	B = P
Access Infraorb. For	NP
Zygomat. Facial. For	NP
Frontal. For	NP
Foramen of Huschke	NP
Auditory Torus	NP
Mandibular Torus	NP
Torus Maxillares	NP
Precondylar Tubercle	NP
Foramen Ovale	NP
Supra-Orbital Foramen	NP
Postcondylar facet	NP
Foramen Spinosum	NP
Posterior Cond. Canal	NP
Condylar Facet	NP
Mastoid Foramen	NP
Ant. Ethmoid Foramen	NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	NP

51. Humerus

	unsided	left	right
septal aperture		NP	NP
supra-conyloid process		NP	NP

Scapula

supra-scapular foramen/notch		NP	NP
acromial articular facet		NP	NP

Atlas

facet form double/single		NP	NP
lateral bridge		NP	NP
posterior bridge		NP	NP
transverse foramen bipartite		NP	NP

Pelvis

accessory facets		NP	NP
------------------	--	----	----

Sacrum

accessory facets		NP	NP
spina bifida occulta	A	A	

Femur

allen's fossa		A	NP
polier's facet		A	NP
plaque		P	NP
third trochanter		NP A	NP
hypotrochanteric fossa		P	P
exostosis in trochanteric fossa		NP	NP

Patella

vastus notch		NP	NP
vastus fossa		NP	NP
emarginate patella		NP	NP

Tibia

Med squatt. facet form double		A	A
Lat squatt. facet form single		A	A

Calcaneus

facet form double		P	P
facet form single		A	A

53.

left

right

Femur

FeL1 Max. L	471	
FeL2 Obl. L		
FeD1 A-P Subtroch DI	32.78	
FeD2 M-L Subtroch DI	28.94	
FeDs Max. DI Head	mm	
C Midshaft Circ.	—	
FeEI Bicond Width	—	

Tibia

TiL1 Max. L	365	
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	34.5	
TiD2 M-L DI. Nut. For	23.9	

Fibula

FiL1 Max. L		
-------------	--	--

Humerus

HuL1 Max. L		
HuD5 Max. DI Head		
HC Midshaft Circ		

Radius

RaL1 Max. L		
-------------	--	--

Ulna

UiL1 Max. L		
-------------	--	--

Clavicle

CiL1 Max. L		
-------------	--	--

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

Atlas

Max. Internal width

--

--

Sternum

SL Max. L. Body
ML max. L. Manbrium

Sacrum

SacL Max. L
SacB Max. B

Indices

Cranial

Height/Length
Height/Breadth

11

Nasal

Upper Facial
~~Foraminal~~ *Nasal*
Palatal
Orbital
Mean Porion Height

1111
X

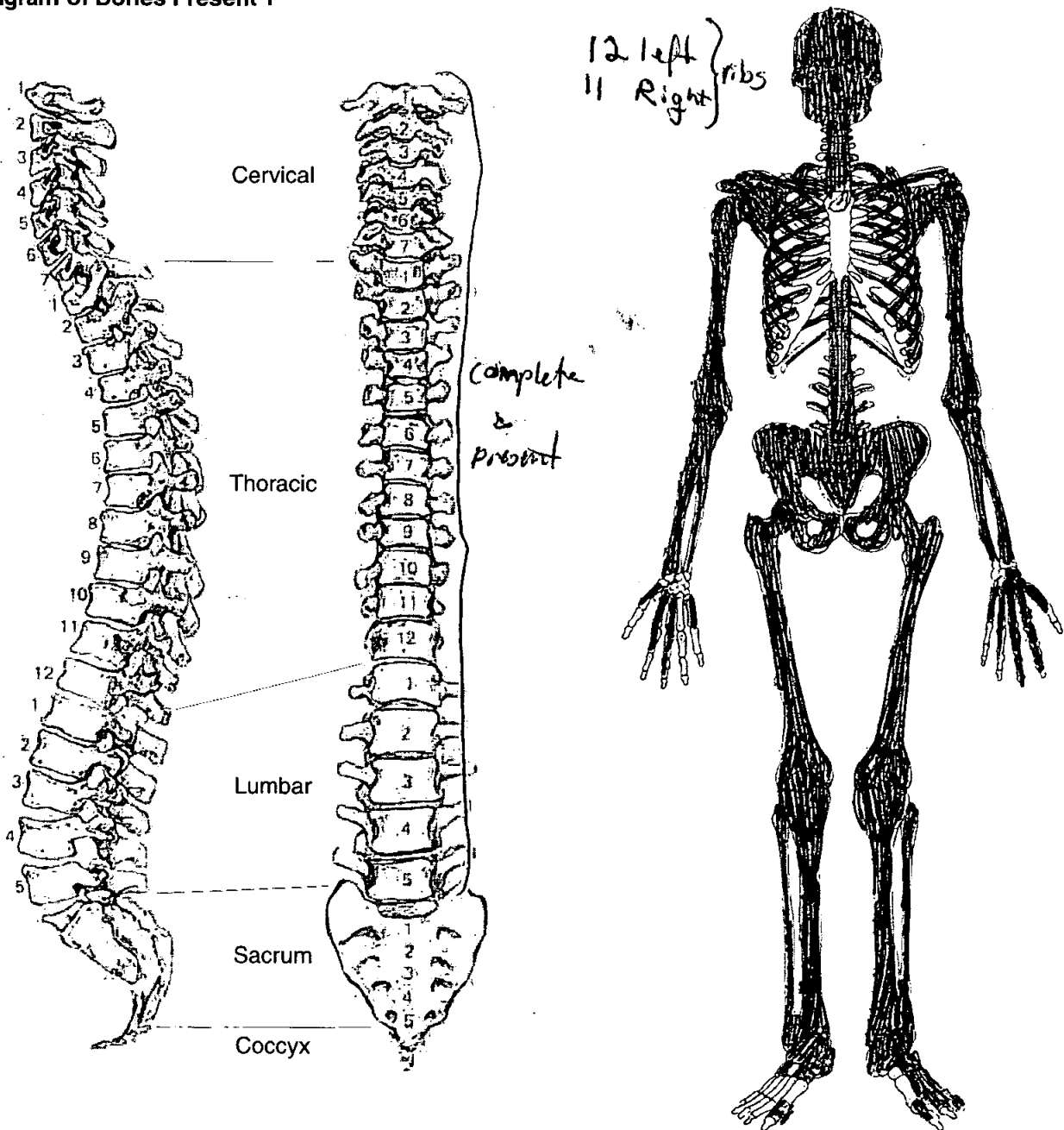
Post Cranial

Platymeric
Platycnemic
Radio-Humeral
Robusticity

88.28
69.27

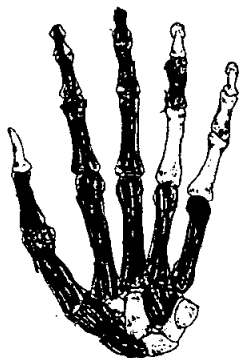
1. Site Name OLR 00
2. Date of Record 30 01 01
3. Period P-M
4. Skeleton Number 970 5. Age 24-28
6. Sex (tick one) ☐ Male ☒ Female ☐ Unidentified
7. Stature 159.84 ± 2.99
8. Preservation (tick one) ☐ Excellent ☒ Good ☐ Poor ☐ Destroyed
9. Summary of Pathological Conditions Bilateral congenital dislocation of the hip joints.
 * Metabolic - healed cribra orbitalia
 * NI - Periostitis - healed

10. Diagram of Bones Present 1

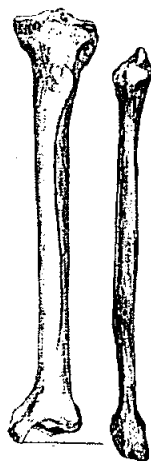
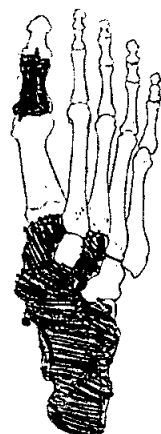
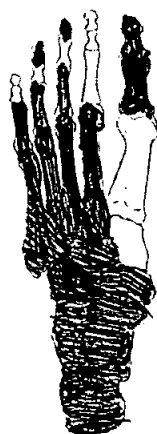
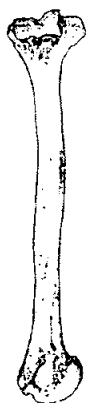
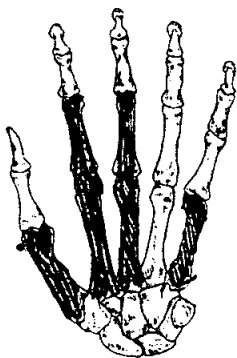


11. Diagram of Bones Present 2

L



R



Adult Age Estimation

13. Epiphyseal Fusion

clavicles fusing, 23-28 yrs

14. Dental Eruption and Development

15. Dental Attrition

24-25

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♀ R = Stage I mean 19.4, Left: Stage II, mean 25. Range 19-25

17. Sternal End of Ribs

18. Cranial Suture Closure

19. Ilium Auricular Surface

20-25

20. Degenerative Joint Disease

21. Comments

Is most likely to be between 24-25 considering the epiphyseal fusion.

Sexing

Skull

22. Supraorbital Ridges

F

23. Mastoid Processes

M

24. Posterior Zygomatic Arch

M

25. Nuchal Crest/Occipital Protuberance

M

26. Anterior Mandible

M

27. Orbital Rims

F

Pelvis

28. Sciatic Notch

F

29. Subpubic Angle

F

30. Subpubic Concavity

F

31. Ischio-Pubic Ramus

F

32. Ventral Arc

F

33. Preauricular Sulcus

F

34. Obturator Foramen

F

35. Pelvic Brim

/

36. Acetabulum

/

37. Ilium Auricular Surface

F

Sacrum

38. Segments

F

39. Morphology

F

Sternum

/

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

Present
↑

(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
NP	C	C	NP	C	C	C	C	C	C	C	C	C	C	C	NP

41. Bite

☒ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

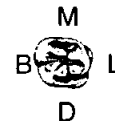
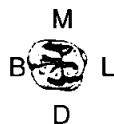
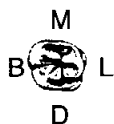
Left

Right

Left

Right

M1



M2



M3



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

22

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L —	R —
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 69.4 ♀	R 72.2 ♀
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 44.5 ~	R 44.0 ~
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 21.38 ~	R 21.56 ~
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 23.84 ♀	R 24.2 ♀
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 134.86 ~	R 141.8 ~

A = Absent, P = present, NP = Bone not present, NO = Not observable

50. Cranial Non-metrics

L = Left, R = Right

Highest Nuchal Line	L + R = A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	L = P, R = A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipteric Bone	A
Ossicle at Asterion	A
Parietal Notch Bone	L = P, R = A
Fronto-temporo Articulation	L + R = A
Parietal Foramen	L + R = P
Access Infraorb. For	L = P, R = A
Zygomat. Facial. For	L + R = P
Frontal. For	R + L = P
Foramen of Huschke	R + L = A
Auditory Torus	R + L = A
Mandibular Torus	R + L = A
Torus Maxillares	R + L = A
Precondylar Tubercle	R + L = A
Foramen Ovale	R + L = A
Supra-Orbital Foramen	L = P, R = Notch
Postcondylar facet	R + L = A
Foramen Spinosum	R + L = A
Posterior Cond. Canal	R = P, L = A
Condylar Facet	R + L = Single
Mastoid Foramen	R + L = P
Ant. Ethmoid Foramen	L + R = P
Post. Ethmoid Foramen	L + R = A
Anterior Condylar Canal	L + R = P

Skeleton Recording Sheet (Adult)

A = Absent, P = Present, NP = bone not Present.

NO = Not Observable

OLR 970

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		A	A

Atlas

facet form double /single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		A	A
spina bifida occulta	A		A

Femur

allen's fossa		A	A
polirier's facet		A	A
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		P	A
exostosis in trochanteric fossa		A	A

Patella

vastus notch		P	P
vastus fossa		A	A
emarginate patella		A	A

Tibia

med. Squath
Lat. 11

facet form double		A	A
facet form single		A	A

Calcaneus

facet form double		A	A
facet form single		P	P

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	38.4	41.1	
Orbital Length (O'2)	36.5	41.1 38.5	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
✕ Max. Cranial Length (L)			176
✕ Max. Cranial Breadth (B)			131
✕ Min. Frontal Breadth (B')			95
✕ Basion Bregma height (H')			128
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
✕ Upper Facial Height (G'M)			65.3
Bimaxillary Breadth (GB)			
✕ Bizygomatic Breadth (J)			106.42
✕ Nasal Height (NH')			48.3
✕ Nasal Breadth (NB)			21.38
Sup. Nasal Breadth (NB')			
✕ Palatal Length (G'1)			51.38
✕ Palatal Breadth (G'2)			32.71
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
✕ Bicondylar Breadth WI			121.25
Foramen Ment. Breadth ZZ			
✕ Symphyseal Height HI			31.22
Mandibular Angle MZ			91.50
✕ Bigonial Breadth OoGo			91.50
✕ Max. Mandibular Length			73

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEI Bicond Width

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

Fibula

FiL1 Max. L

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

Radius

RaL1 Max. L

Ulna

UiL1 Max. L

Clavicle

CiL1 Max. L

54.

left

right

Scapula

GC2 Glen. Cav. L

GC2 Glen. Cav. B

23.84

24.2

Atlas

Max. Internal width

27.2

Sternum

SL Max. L. Body

ML max. L. Manbrium

NP
NP

Sacrum

SacL Max. L

SacB Max. B

101.6
 NP

Indices

Cranial

Height/Length

Height/Breadth

72.72
 97.70

Nasal

Upper Facial

~~Foraminal~~ *Nasal*

Palatal

Orbital

Mean Porion Height

61.36
 44.26
 63.66
 95.05

93.67

Post Cranial

Platymetric

Platycnemic

Radio-Humeral

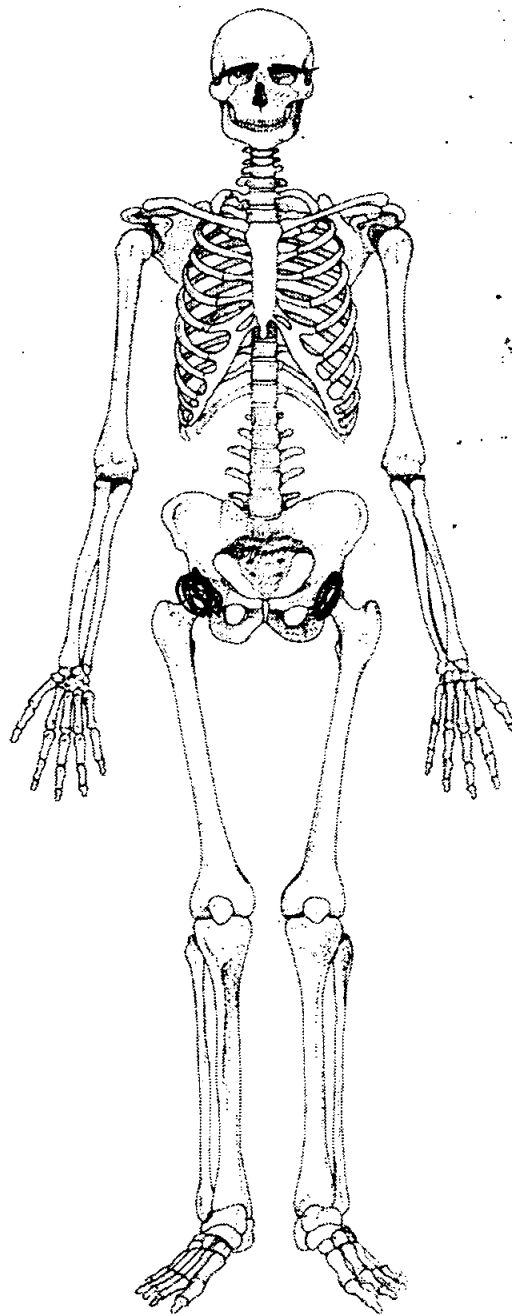
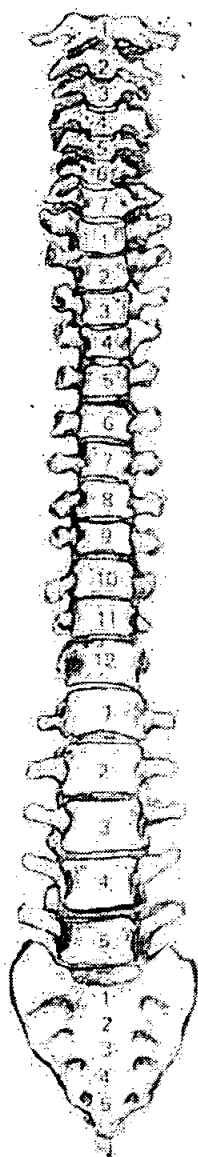
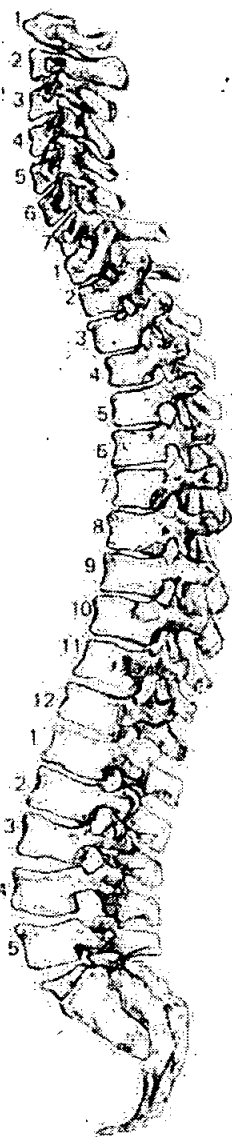
Robusticity

93.33
 89.46

74.27
 82.40
 75.40

43

55. Pathological Distribution



56. Pathological Description

Right hip joint: The head of the femur is ankylosed. The fusion on to the hip is complete.
 Left hip joint: The acetabulum is extremely shallow, almost nonexistent. The rim of the acetabulum & joint surface is present ~~anteriorly~~ superiorly & posteriorly. The surface is very pitted, porous & disorganised inferiorly. The head of the left femur is of abnormal morphology. The neck is shortened & large osteophytes are present inferiorly & superiorly @ the base of the neck. The surface of the head is pitted, porous with disorganised new bone formation. The ankylosis & the shallow socket on the left hip indicates this condition was bilateral & consisted of congenital dislocation of the hips. It is clear the right leg has been favoured since the ankylosis provided stability. The left leg has weaker muscle attachment points & the
 → over

bone is thinner in diameter & circumference.
There is no evidence of crutches being used. The
muscle attachments on the humeri are not pronounced.
~~However,~~

capillary impressions on the orbital roofs.
Cribra orbitalia - healed.

Nonspecific infection: ~~Periostitis~~ Periostitis located @ the
lateral border on right tibia; lamellar bone = healed.
Same on the left.

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB		PO								
C7	OP PO SN EB										
T1	OP PO SN EB										
T2	OP PO SN EB										
T3	OP PO SN EB				PO				PO		
T4	OP PO SN EB				PO				PO		
T5	OP PO SN EB				PO	PO			PO		
T6	OP PO SN EB										
T7	OP PO SN EB										
T8	OP PO SN EB										
T9	OP PO SN EB										
T10	OP PO SN EB										
T11	OP PO SN EB										
T12	OP PO SN EB										
L1	OP PO SN EB										
L2	OP PO SN EB										
L3	OP PO SN EB										
L4	OP PO SN EB										
L5	OP PO SN EB										

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

1. Site Name

OLR 00

2. Date of Record

12 02 01

3. Period

P-M

4. Skeleton Number

973

5. Age

33-51

6. Sex (tick one)

☐ Male

☒ Female

☐ Unidentified

7. Stature

158.70 ± 3.55 cm

8. Preservation (tick one)

☐ Excellent

☐ Good

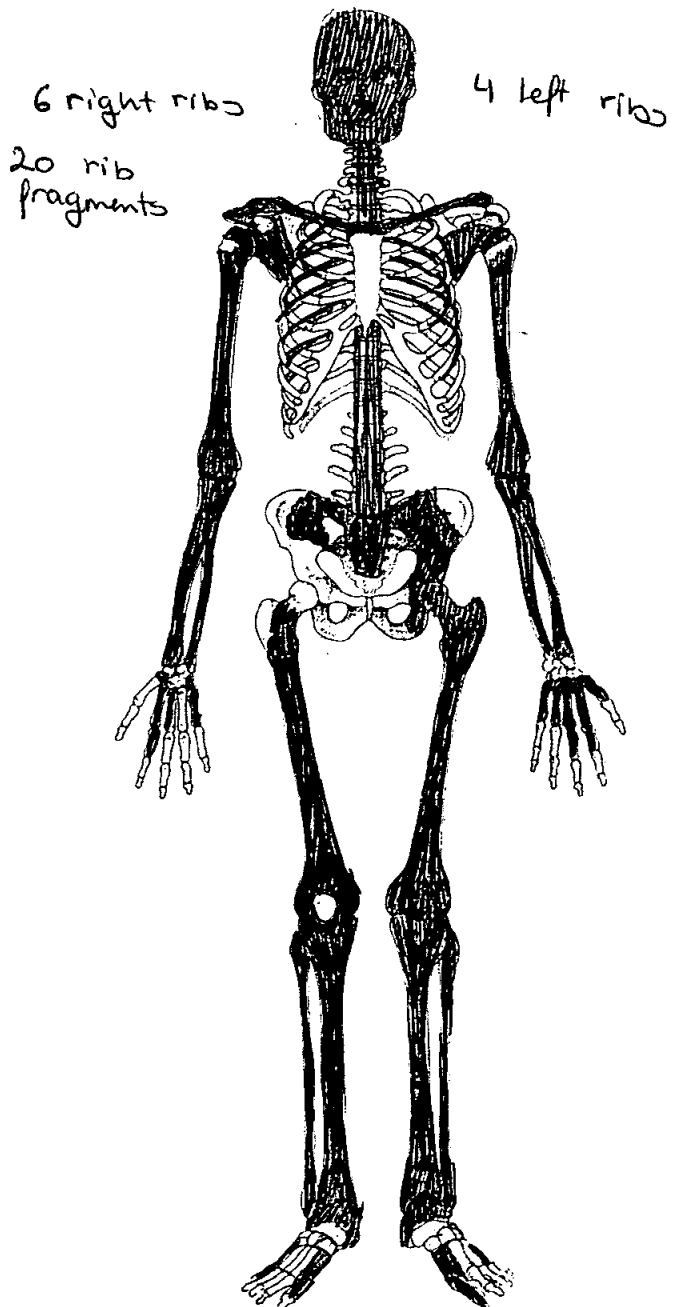
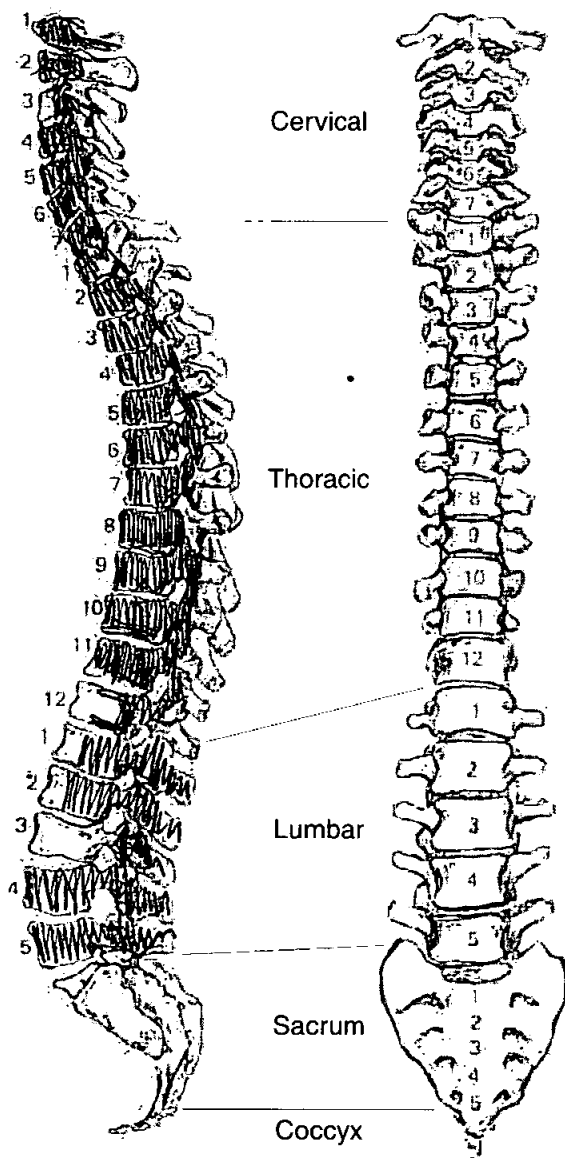
☒ Poor/Fair

☐ Destroyed

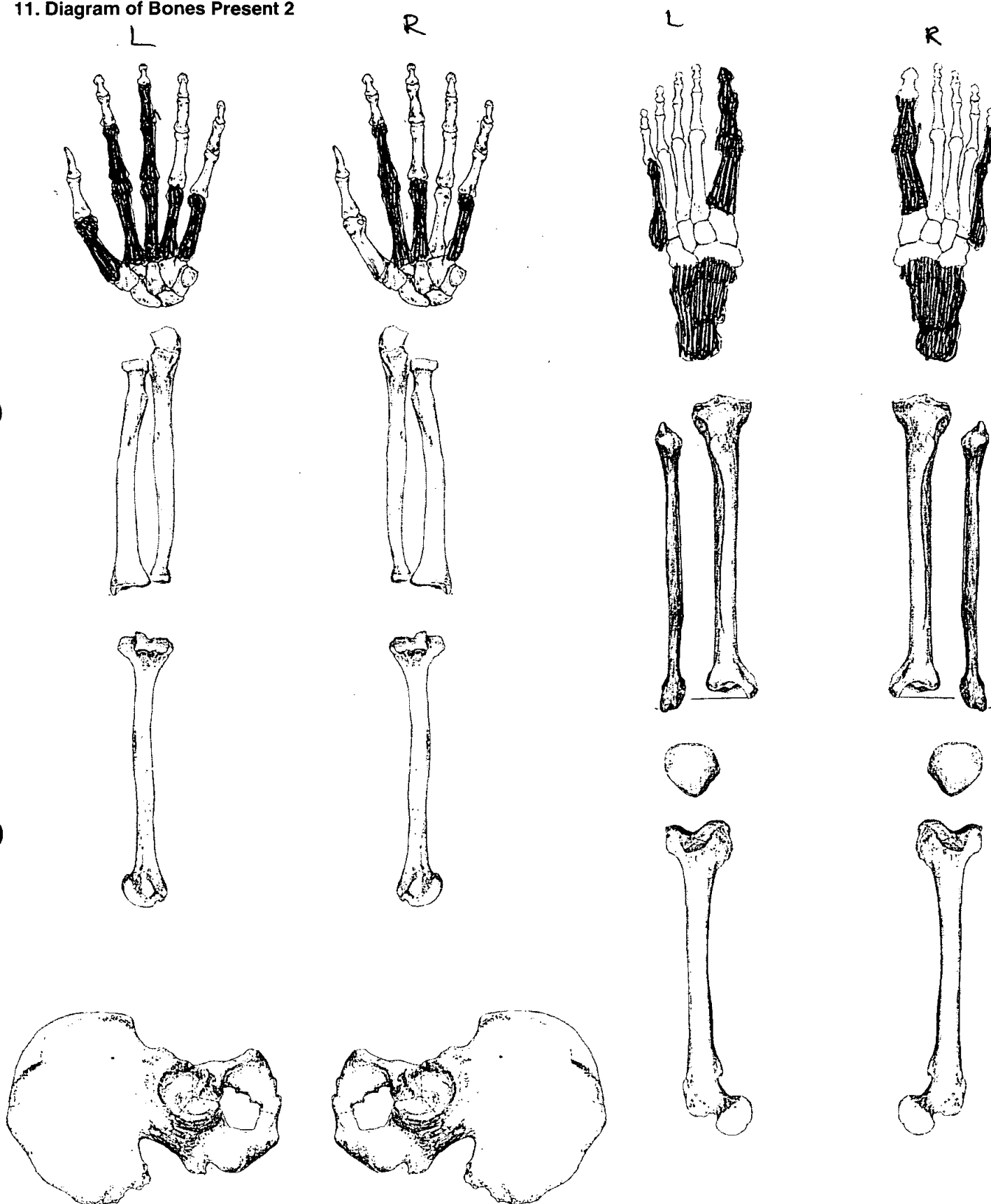
9. Summary of Pathological Conditions

~~Neoplasm = Multiple myeloma~~
Healed anaemia; Porotic hyperostosis & cribra orbitalia
Degenerative joint disease of the knees

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

Fused (+28)

14. Dental Eruption and Development

15. Dental Attrition

M2 - mandibular : 31.5 - 38

16. Pubic Symphyses

NP

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

♀ phase V 33.7 - 46

18. Cranial Suture Closure

38 - 51

19. Ilium Auricular Surface

NP

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

F

23. Mastoid Processes

F

24. Posterior Zygomatic Arch

M?

25. Nuchal Crest/Occipital Protuberance

F?

26. Anterior Mandible

F?

27. Orbital Rims

F

Pelvis

28. Sciatic Notch

F

29. Subpubic Angle

NP

30. Subpubic Concavity

NP

31. Ischio-Pubic Ramus

NP

32. Ventral Arc

NP

33. Preauricular Sulcus

F

34. Obturator Foramen

NP

35. Pelvic Brim

NP

36. Acetabulum

F

37. Ilium Auricular Surface

F

Sacrum

38. Segments

M?

39. Morphology

NP

Sternum

OLR 973

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
 R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
 - = Jaw Not Present

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

41. Bite

☒ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

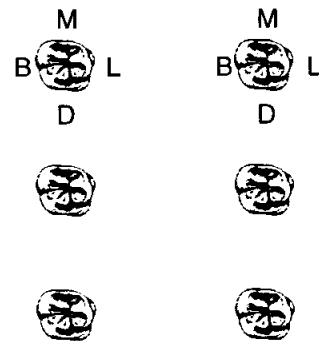
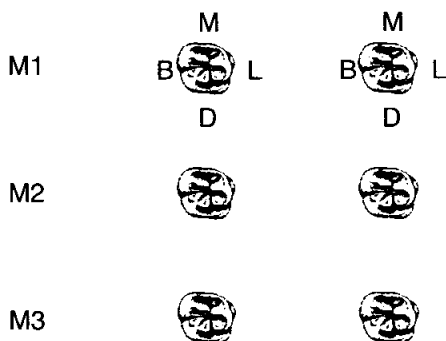
Maxilla

Left

Right

Left

Right



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

	LS	LS	LS											BS	
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
LS	LS	LS	LS		LS	LS	LHE	LS	LHE	LS	LS	LS	LS	LS	LS
								BS	BS						DS

45. Periodontal Disease (Brothwell 1981)

S = Slight - Maxilla + Mandible
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occlusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

.....

.....

.....

.....

.....

.....

47. Abscess

Internal Drain

External Drain

.....

.....

48. Dental Anomalies

.....

.....

.....

.....

.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 42.30	R —
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 72.0	R 71.20
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L —	R —
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R —

50. Cranial Non-metrics

A = Absent, P = Present, NP = Bone not present
NO = Not observable

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	R + L = A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipteric Bone	R + L = A
Ossicle at Asterion	R = P, L = A
Parietal Notch Bone	R + L = A
Fronto-temporo Articulation	R + L = A
Parietal Foramen	L + R = P
Access Infraorb. For	L + R = A
Zygomat. Facial. For	L = 1, R = 1
Frontal. For	R + L = A
Foramen of Huschke	R + L = A
Auditory Torus	R + L = A
Mandibular Torus	R + L = A
Torus Maxillares	R + L = A
Precondylar Tubercle	P
Foramen Ovale	R + L = A (complete)
Supra-Orbital Foramen	R + L = A (Notched)
Postcondylar facet	R + L = A
Foramen Spinosum	R + L = A
Posterior Cond. Canal	R + L = P
Condylar Facet	R + L = A (single)
Mastoid Foramen	R = P (extra sutural) L = A
Ant. Ethmoid Foramen	R = P, L = A
Post. Ethmoid Foramen	R = P, L = A
Anterior Condylar Canal	R + L = A (single)

51. Humerus

	unsided	left	right
sepal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		A	NP
acromial articular facet		AN	ANNA

Atlas

facet form double /single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		CG	CG

Pelvis

accessory facets		A	NP
------------------	--	---	----

Sacrum

accessory facets		NP	NP
spina bifida occulta	A		

Femur

allen's fossa		A	NP
polirier's facet		A	NP
plaque		A	NP
third trochanter		NP	NP
hypotrochanteric fossa		A	A
exostois in trochanteric fossa		A	NP

Patella

vastus notch		A	NP
vastus fossa		A	NP
emarginate patella		A	NP

Tibia

med. squath facet form double		A	A
lat squath facet form single		A	A

Calcaneus

facet form double		A	A
facet form single		P	P

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	35.0	36.2	
Orbital Length (O'2)	33.2	34.6	
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			174
Max. Cranial Breadth (B)			131
Min. Frontal Breadth (B')			93
Basion Bregma height (H')			124
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			63.6
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			89.7
Nasal Height (NH')			44.4
Nasal Breadth (NB)			20.8
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			43.7
Palatal Breadth (G'2)			25.5
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			117
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			27.10
Mandibular Angle MZ			89.3
Bigonial Breadth OoGo			89.5
Max. Mandibular Length			62

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEI Bicond Width

424
24.38
28.20

24.70
28.96

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

335
66.6
26.9
22.42

334
65.5
28.2
22.6

Fibula

FiL1 Max. L

331

329

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

—
—
—

—
—
—

Radius

RaL1 Max. L

—

—

Ulna

UiL1 Max. L

232

230

Clavicle

CiL1 Max. L

—

—

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

—
—

—
—

Atlas

Max. Internal width

	26.92	
--	-------	--

Sternum

SL Max. L. Body
ML max. L. Manbrium

||

Sacrum

SacL Max. L
SacB Max. B

||

Indices

Cranial

Height/Length
Height/Breadth

71.26
94.66

Nasal

Upper Facial
~~Frontal~~ Nasal
Palatal
Orbital
Mean Porion Height

94.86

70.90
46.85
58.35

93.92

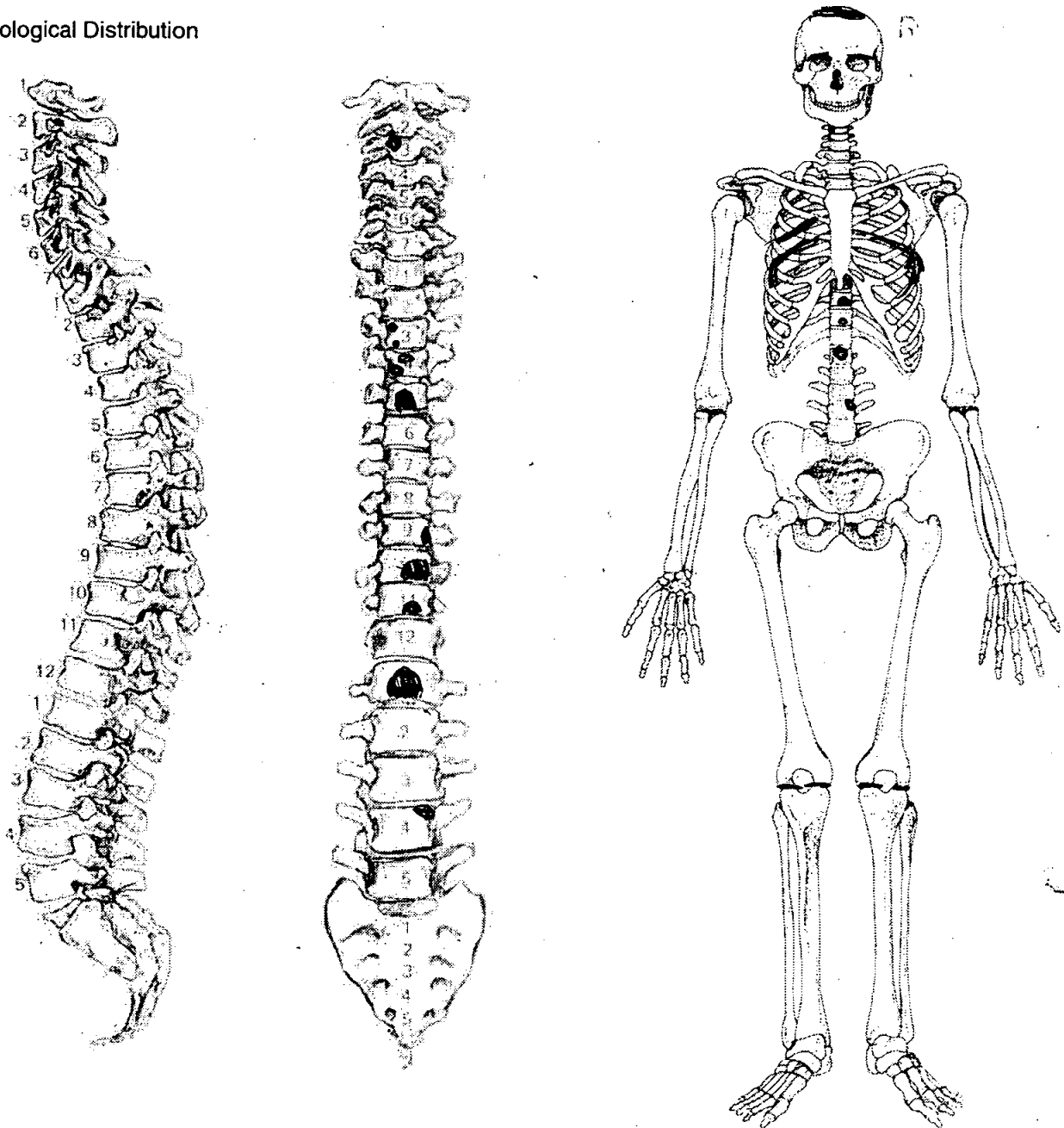
Post Cranial

Platymetric
Platycnemic
Radio-Humeral
Robusticity

86.45
83.35
—

85.29
80.14
—

55. Pathological Distribution



56. Pathological Description

- * Capillary impressions on the orbital roofs; healed = Grade 1 cribra orbitalia = anaemia
- * Porosity on the anterior part of the parietals & posterior part of the frontal; Is healed, = porotic hyperostosis - healed.
- * Right & left dist femur: Femoral condyles slightly lipped + pitted on surface. Tibial condyles & intercondylar eminence also lipped. = Degenerative joint disease
- * Ribs: 3 rib fragments, 1 left, 1 right, 1 undersided has new bone formation on the visceral surface of the ribs. Lesions are active.
- * Spine: Lytic lesions on the anterior part of the vertebral bodies are present on T3, T4, T5, T9, T10, T11, L1, L2, L3, L4, L5. Lytic lesions are also present on the posterior part of the vertebral bodies on...
→ over

T1, T4, T5, T9, T11, L1, L2 & L5.

~~T4, T9, T10 & L1~~

T4, T9, T10 & L1 has the biggest lesions.

The lesions are rounded & penetrates into the central part of the vertebral bodies.

The lytic lesions of the vertebral bodies are consistent with spinal tuberculosis. The rib lesions also supports this diagnosis.

Amendment to the TB diagnosis.

After washing it became clear that TB was the wrong diagnosis.

In addition to the lytic lesions mentioned, L5 & L2 also had lytic lesions on the superior & inferior aspects of the bodies as well as the spinal processes.

C4 has a lytic lesion on the right superior process. Lesion on the spinal processes also present on the T9 & 10, T

Lytic lesions are present on ^{superior} ~~anterior~~ body of T8, T9, T10, T5, T4, C7, T3, T5.

on the one left rib which was washed, lytic lesions are also present.

The distribution of the lesions indicates

a multiple myeloma or osteolytic metastatic carcinoma

Skeleton Recording Sheet (Adult)

1. Site Name OL200

2. Date of Record 23 02 01

3. Period POST-MED

4. Skeleton Number 976

5. Age 60+ YEARS.

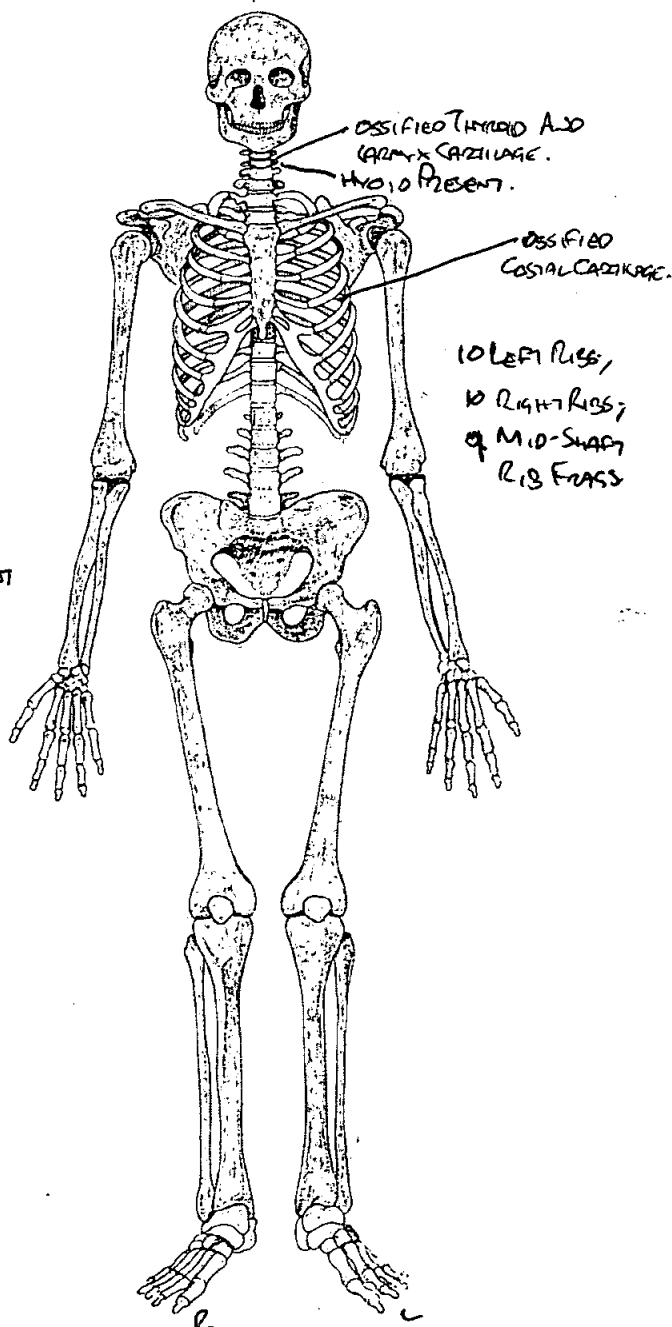
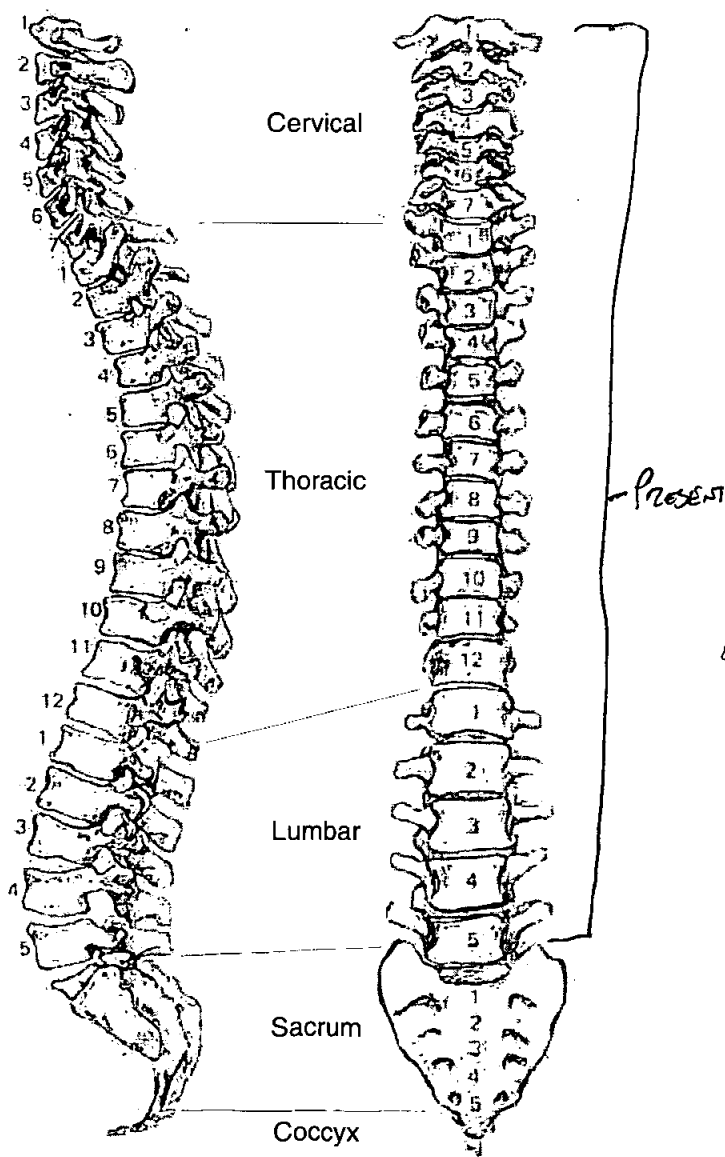
6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified

7. Stature 163.91 ± 2.99 cm

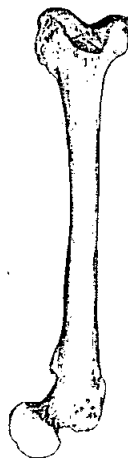
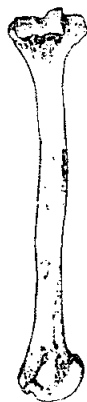
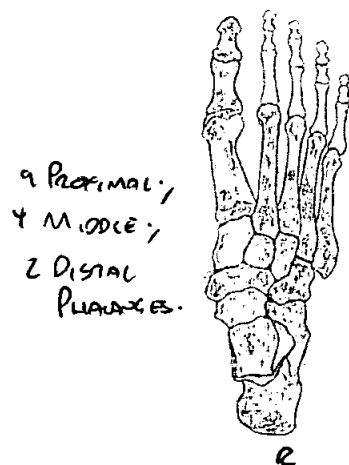
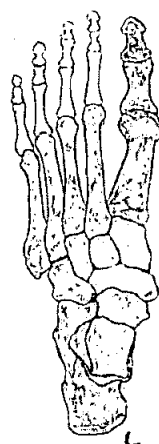
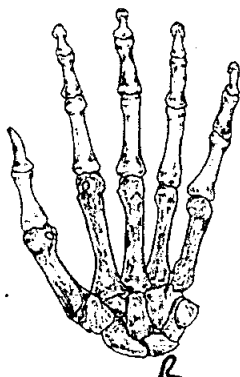
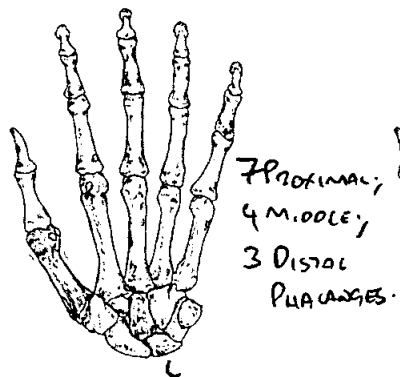
8. Preservation (tick one) ☒ Excellent ☐ Good ☐ Poor ☐ Destroyed

9. Summary of Pathological Conditions DENTAL DISEASE; D.I.D. OF HANDS, FEET & URTS;
OSTEOPOROSIS; OSSIFICATION OF TENDONS, CORNALS &
LARYNX CARTILAGE, SCHWARTZ'S TUBE.

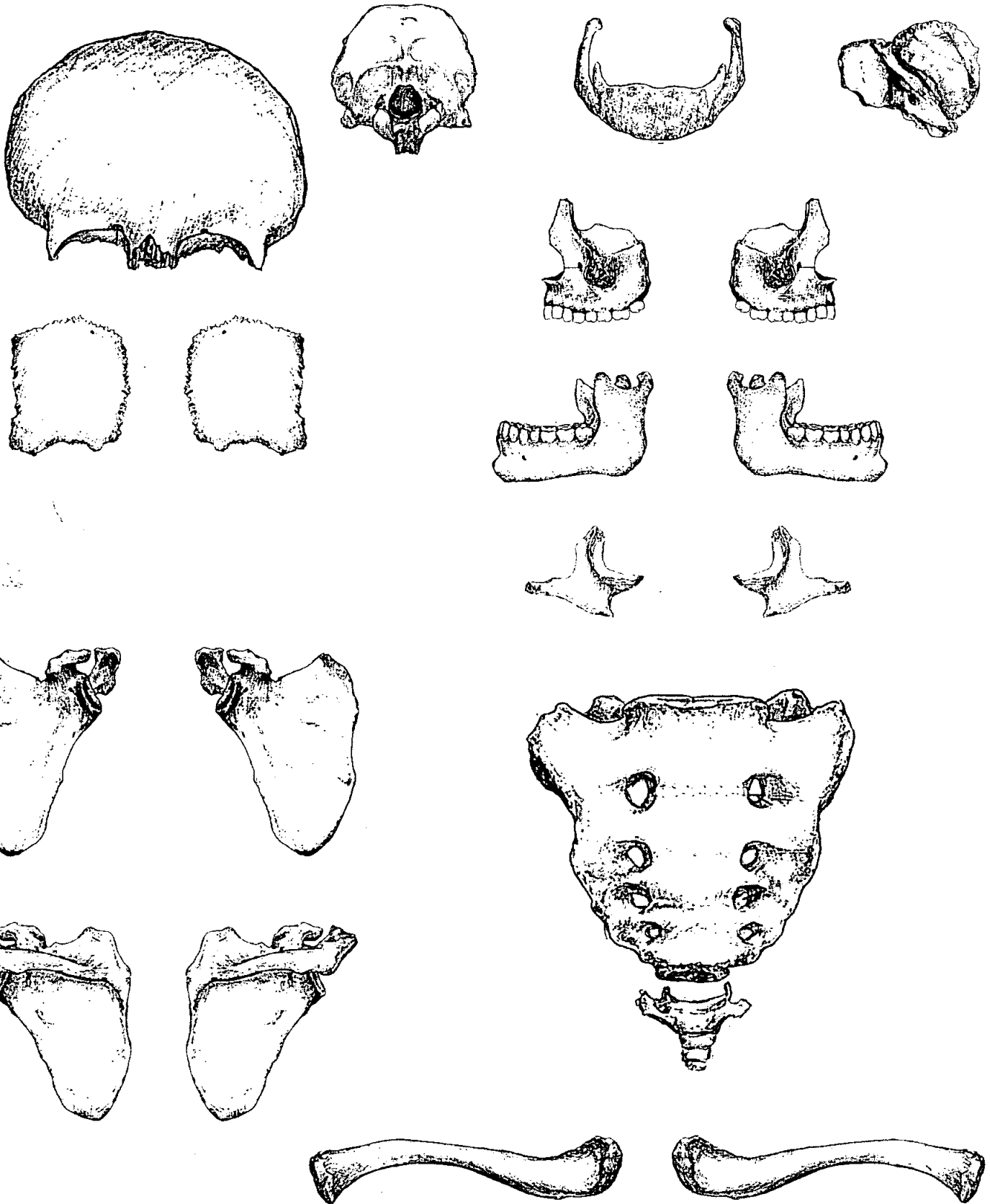
10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



12. Diagram of Bones Present 3



Adult Age Estimation

- 13. Epiphyseal Fusion
- 14. Dental Eruption and Development
- 15. Dental Attrition
- 16. Pubic Symphyses

- a. Todd (♂ & ♀)
- b. McKern & Stewart (♂)
- c. Gilbert and McKern (♀)
- d. Suchey Brooks (♂ & ♀)

- 17. Sternal End of Ribs
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface
- 20. Degenerative Joint Disease
- 21. Comments

STOMAL END OF CLAVICLE FUSED - C. 28+ YEARS.
ALL Molar TEETH. LOSS A/M & SOONER RE-ASSIGNED.
IS UNABLE TO TELL IF MBS GROWN.
NO SOLID Molar TEETH. METHOD NOT ATTEMPTED.
LEFT & RIGHT OS COXA USED.

STAGE II - C. 49-73 YEARS.
COSTAL CARTILAGE OSSIFIED ON TO RBS. METHOD NOT ATTEMPTED.
METHOD NOT ATTEMPTED.
LEFT & RIGHT OS COXA - STAGE B - C. 60+ YEARS
METHOD NOT ATTEMPTED.
AGED AS 60+ YEARS.

Sexing

Skull

- 22. Supraorbital Ridges
- 23. Mastoid Processes
- 24. Posterior Zygomatic Arch
- 25. Nuchal Crest/Occipital Protuberance
- 26. Anterior Mandible
- 27. Orbital Rims

MALE
MALE
MALE
MALE
MALE
MALE
MALE.

Pelvis

28. Sciatic Notch

MALE

29. Subpubic Angle

MALE

30. Subpubic Concavity

MALE (?)

31. Ischio-Pubic Ramus

MALE

32. Ventral Arc

MALE

33. Preauricular Sulcus

MALE

34. Obturator Foramen

MALE

35. Pelvic Brim

MALE

36. Acetabulum

MALE

37. Ilium Auricular Surface

MALE

Sacrum

38. Segments

MALE

39. Morphology

MALE

Sternum

MALE (?)

OLR 976

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
 R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
 - = Jaw Not Present

2nd	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
1st	X	X	X			/				/	C	X	X	X	1st

41. Bite ☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition	M1		M2		M3	
	Mandible				Maxilla	
	Left	Right	Left	Right	Left	Right
M1						
M2						
M3						

43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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
			A	A											
			S	S											
				S	S		S	S	S						
				A	A		A	A	A						

45. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occlusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

.....
.....
.....
.....
.....
.....

47. Abscess

Internal Drain
External Drain

.....
.....

48. Dental Anomalies

THE WEAR ON 17, 27, 37, 47 & 57 WAS EXCESSIVE
WITH SECONDARY DENTINE EXPOSED ON ALL

.....
.....
.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 46 ✓	R 47 ~
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 77 ♂	R 74 ♀
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 41 ♀	R 42 ♀
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 20 ♀	R 20 ♀
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 27 ♂	R 27 ♂
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 142 ~	R 135 ~

50. Cranial Non-metrics ~~A~~ A - Absent

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipteric Bone	A
Ossicle at Asterion	A
Parietal Notch Bone	A
Fronto-temporo Articulation	A
Parietal Foramen	Present On Left + Right.
Access Infraorb. For	A
Zygomat. Facial. For	Present On Left + Right
Frontal. For	A On Left; Present On Right
Foramen of Huschke	A
Auditory Torus	A
Mandibular Torus	A
Torus Maxillares	Present On Left + Right
Precondylar Tubercle	Present On Left + Right
Foramen Ovale	A
Supra-Orbital Foramen	A
Postcondylar facet	A On Left; Present On Right
Foramen Spinosum	A
Posterior Cond. Canal	A
Condylar Facet	A
Mastoid Foramen	Single On Left + Right
Ant. Ethmoid Foramen	A
Post. Ethmoid Foramen	A
Anterior Condylar Canal	A

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		✓	✓
acromial articular facet		✓	✓

Atlas

facet form double/single		✓	✓
lateral bridge		A	A
posterior bridge		✓	✓
transverse foramen biparite		A	A

Pelvis

accessory facets		A	
------------------	--	---	--

Sacrum

accessory facets		A	A
spina bifida occulta	A		

Femur

allen's fossa		A	A
polirier's facet		✓	✓
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostois in trochanteric fossa		✓	✓

Patella

vastus notch		A	
vastus fossa		A	
emarginate patella		A	

Tibia

facet form double		A	A
facet form single		✓	✓

Calcaneus

facet form double		A	✓
facet form single		✓	A

OLRdb 976

Skeleton Recording Sheet (Adult)

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	39	39	
Orbital Length (O'2)	40	38	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			194
Max. Cranial Breadth (B)			135
Min. Frontal Breadth (B')			129
Basion Bregma height (H')			151
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			88
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			127
Nasal Height (NH')			54
Nasal Breadth (NB)			26
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			49
Palatal Breadth (G'2)			40
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			121
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			32
Mandibular Angle MZ			
Bigonial Breadth OoGo			84
Max. Mandibular Length			128

53.

left

right

Femur

FeL1 Max. L

422

426

FeL2 Obl. L

FeD1 A-P Subtroch DI

29

33

FeD2 M-L Subtroch DI

38

34

FeDs Max. DI Head

46

47

C Midshaft Circ.

FeEI Bicond Width

77

74

Tibia

TiL1 Max. L

352

356

TiB1 Bicond Width

75

72

TiD1 A-P DI. Nut. For

36

29

TiD2 M-L DI. Nut. For

28

29

Fibula

FiL1 Max. L

broken

345

Humerus

HuL1 Max. L

312

315

HuD5 Max. DI Head

41

42

HC Midshaft Circ

Radius

RaL1 Max. L

221

223

Ulna

UiL1 Max. L

247

243

Clavicle

ClL1 Max. L

142

139

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

39
27

39
27

Atlas

Max. Internal width

--

21

--

Sternum

SL Max. L. Body
ML max. L. Manbrium

99
49

Sacrum

SacL Max. L
SacB Max. B

92
108

Indices

Cranial

Height/Length
Height/Breadth

77.83
111.85

Nasal

Upper Facial
~~Foraminal~~ Nasal
Palatal
Orbital
Mean Porion Height

102.56

69.29
48.15
93.02

97.43

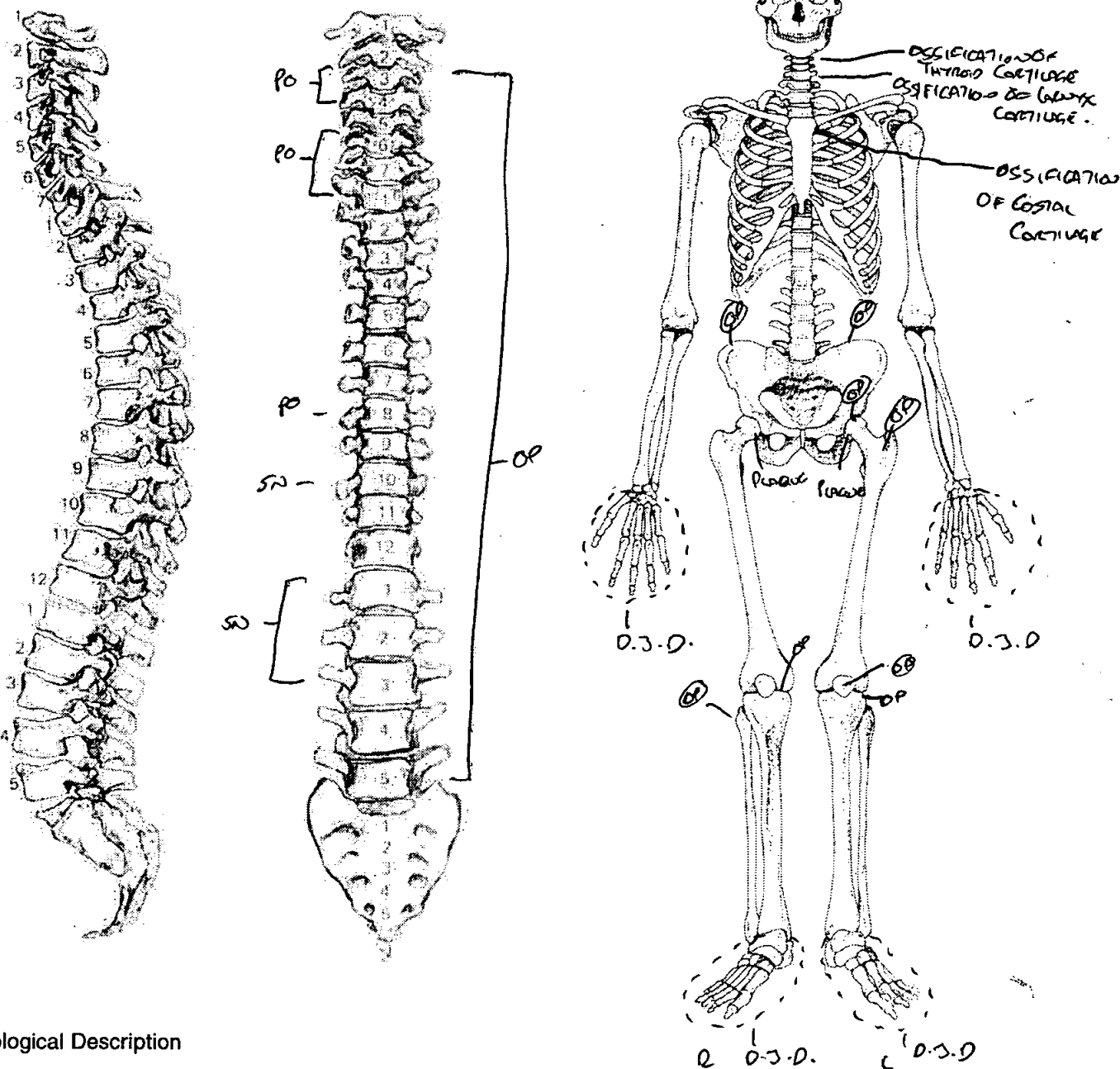
Post Cranial

Platymetric
Platycnemic
Radio-Humeral
Robusticity

76.31
77.78
70.83

97.06
100
70.79

55. Pathological Distribution



56. Pathological Description

- * O.S.D. OF THE LEFT + RIGHT HANDS - ALL SURVIVING METACARPALS AND HAND PHALANXES (Proximal, Middle & Distal) HAD MODERATE OSTEOPHYTIC FORMATION UPON THEIR HEADS & BASES.
- * O.S.D. OF THE LEFT + RIGHT FEET - AS WITH THE HANDS, ALL SURVIVING METATARSALS AND FOOT PHALANXES HAD MODERATE OSTEOPHYTIC FORMATION UPON THEIR HEADS AND BASES. OF SPECIAL NOTE ARE THE 1st METATARSALS (LEFT + RIGHT); OSTEOPHYTIC FORMATION UPON THEIR HEADS WAS QUITE SEVERE & UPON THE HEAD OF THE LEFT 1st METATARSAL THERE WAS SLIGHT EXOSTOSIS.
- * OSSIFICATION OF THE LARYNX, THYROID & COSTAL CARTILAGES HAD OCCURRED. THE COSTAL CARTILAGE HAD OSSIFIED ONLY THE RIBS, STERNAL BODY & MANUBRIUM.
- * THE SPINAL LIGS & LIGUM. ASPERS WERE PROMINENT UPON THE THIGHS & FEMURS RESPECTIVELY.
- * OSTEOPHYTIC FORMATION - WAS FOUND UPON:
 - ① RIGHT FIBULA - THE HEAD OF THE RIGHT FIBULA HAD MODERATE OSTEOPHYTIC FORMATION.
 - ② LEFT PATELA - THE ANTERIOR SURFACE HAD SLIGHT FORMATION UPON IT, WHILE THE RIM OF THE POSTERIOR SURFACE HAD SLIGHT OSTEOPHYTIC FORMATION.

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB		PO OP								
C4	OP PO SN EB	PO OP	PO OP								
C5	OP PO SN EB	OP	OP								
C6	OP PO SN EB	PO OP	PO OP	OP	OP			OP	OP		
C7	OP PO SN EB	PO OP	PO OP		OP				OP		
T1	OP PO SN EB	PO OP	OP	OP				OP			
T2	OP PO SN EB	OP	OP	OP				OP			
T3	OP PO SN EB	OP	OP	OP		OP	OP	OP		OP	OP
T4	OP PO SN EB	OP	OP	OP		OP		OP		OP	
T5	OP PO SN EB	OP	OP	OP		OP		OP		OP	
T6	OP PO SN EB	OP	OP	OP		OP		OP		OP	
T7	OP PO SN EB	OP	OP	OP		OP	OP	OP		OP	OP
T8	OP PO SN EB	PO OP	OP	OP	OP	OP	OP	OP	OP	OP	OP
T9	OP PO SN EB	OP	OP	OP	OP		OP	OP	OP	OP	
T10	OP PO SN EB	OP	SN OP	OP	OP	OP	OP	OP	OP	OP	OP
T11	OP PO SN EB	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP
T12	OP PO SN EB	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP
L1	OP PO SN EB	OP	SN OP	OP	OP			OP	OP		
L2	OP PO SN EB	SN OP	SN OP	OP	OP			OP	OP		
L3	OP PO SN EB	SN OP	SN OP	OP	OP			OP	OP		
L4	OP PO SN EB	OP	OP	OP	OP			OP	OP		
L5	OP PO SN EB	OP	OP	OP				OP	OP		

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

PATHOLOGY (CONTINUED):

- ③ THE RIGHT FEMUR - OSTEOPHYTES WERE FOUND UPON THE MARGINS OF THE LATERAL & MEDIAL CONDYLES. THEY WERE SLIGHT IN NATURE. ④ THE LEFT FEMUR HAD OSTEOPHYTES (MODERATE IN NATURE) UPON THE GREATER TROCHANTER & UPON THE RIMS OF THE LATERAL & MEDIAL CONDYLES. ⑤ THE LEFT OS COXA HAD SLIGHT OSTEOPHYTE FORMATION UPON THE ILIAC CREST & ACETABULUM RIM. ⑥ THE RIGHT OS COXA HAD MODERATE OSTEOPHYTE GROWTH UPON THE ILIAC CREST.

* PLACQUE FORMATION - THE HEADS OF THE LEFT & RIGHT FEMURS SHOWED PLACQUE FORMATION ALL AROUND THE RIM.

* D.S.D. - OF THE VERTEBRAL COLUMN -

OSTEOPHYTES & POROSITY WERE NOTICED ON THE VERTEBRAL COLUMN. POSSIBLY ASSOCIATED WITH D.S.D. (SEE SHEET 14).

SCHMORL'S NODES WERE SEEN UPON THE VERTS TOO (SEE SHEET 14).

1. Site Name OLR 00

2. Date of Record 01 02 02

3. Period P-M

4. Skeleton Number 977 5. Age 25-34

6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified

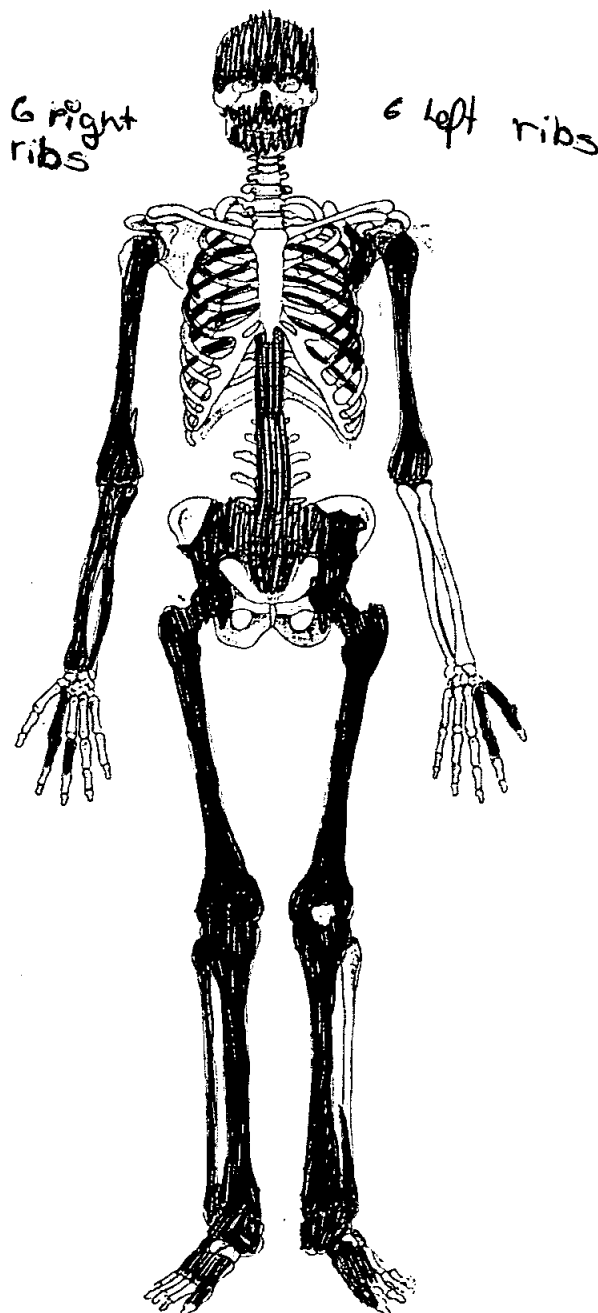
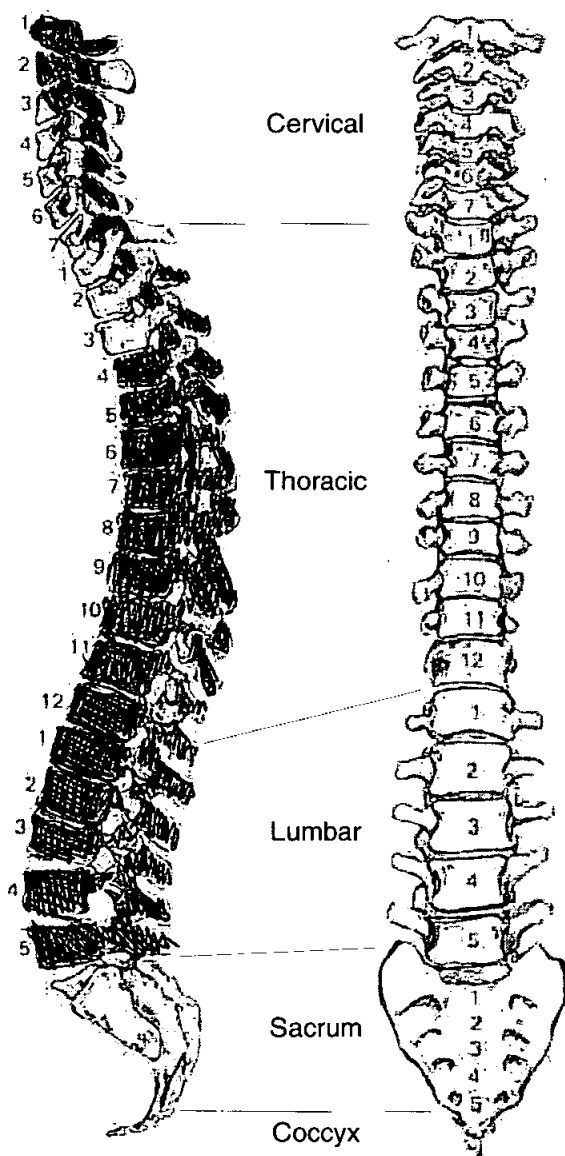
7. Stature 178.08 ± 2.99 cm

8. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor/Fair ☐ Destroyed

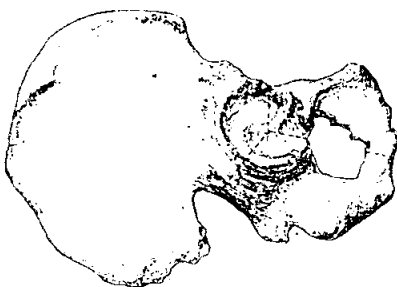
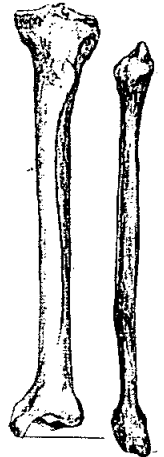
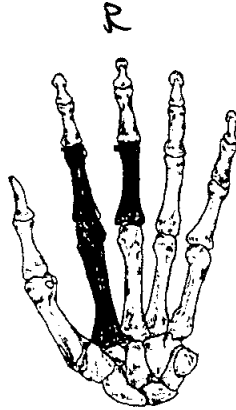
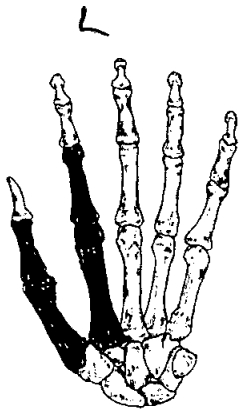
9. Summary of Pathological Conditions

Parotic hyperostosis + cribra orbitalia = active anaemia
Non specific infection: Healed periostitis + maxillary sinusitis
Schmorl's nodes on spine T4-L5

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion
14. Dental Eruption and Development
15. Dental Attrition
16. Pubic Symphyses
 - a. Todd (♂ & ♀)
 - b. McKern & Stewart (♂)
 - c. Gilbert and McKern (♀)
 - d. Suchey Brooks (♂ & ♀)

~~Head of ribs fusing~~ Head of ribs fusing-
Age: 20-25

Mamoliocular M1's : 30-36 years

NP

NP

17. Sternal End of Ribs
18. Cranial Suture Closure
19. Ilium Auricular Surface
20. Degenerative Joint Disease
21. Comments

30-34 years

Sexing

Skull

- 22. Supraorbital Ridges
- 23. Mastoid Processes
- 24. Posterior Zygomatic Arch
- 25. Nuchal Crest/Occipital Protuberance
- 26. Anterior Mandible
- 27. Orbital Rims

NP

42

f

M

M

F

Pelvis

28. Sciatic Notch

M?

29. Subpubic Angle

— NP

30. Subpubic Concavity

NP

31. Ischio-Pubic Ramus

NP

32. Ventral Arc

NP

33. Preauricular Sulcus

M

34. Obturator Foramen

NP

35. Pelvic Brim

NP

36. Acetabulum

M?

37. Ilium Auricular Surface

M

Sacrum

38. Segments

M

39. Morphology

F

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

																NP
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	X	5	6	7	8	
		C										R		R		

41. Bite ☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition M1 M2 M3

	Mandible				Maxilla			
	Left		Right		Left		Right	
M1	M B L	M B L			M B L	M B L		
	D	D			D	D		
M2								
M3								

43. Dental Hyoplasia

P = Pit L = Line G = Groove

								2xL							
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

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 44.56	R 44.82
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L —	R —
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R —

50. Cranial Non-metrics

A = Absent, P = present, NP = ~~NP~~ Bone not present,
NO = Not observable

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	R = A, L = NP
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipteric Bone	L + R = NP
Ossicle at Asterion	L + R = P
Parietal Notch Bone	L + R = A
Fronto-temporo Articulation	L + R = NP
Parietal Foramen	L + R = A
Access Infraorb. For	L + R = NP
Zygomat. Facial. For	L + R = NP
Frontal. For	L + R = A
Foramen of Huschke	L + R = A
Auditory Torus	R = P, L = A
Mandibular Torus	L + R = A
Torus Maxillares	L + R = A
Precondylar Tubercle	A
Foramen Ovale	L + R = A (single)
Supra-Orbital Foramen	L + R = A (Notch)
Postcondylar facet	L + R = A
Foramen Spinosum	L + R = P
Posterior Cond. Canal	L + R = A
Condylar Facet	L + R = A (single)
Mastoid Foramen	R = P (extra sutural), L = A
Ant. Ethmoid Foramen	L + R = NP
Post. Ethmoid Foramen	L + R = NP
Anterior Condylar Canal	L = P (double) R = A (single)

A = Absent, P = Present, NP = Bone not Present, NO = Not observable

**Skeleton Recording Sheet
(Adult)**

977
OLR 00

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		NP	NP
acromial articular facet		NP	NP

Atlas

facet form double /single		NP	NP
lateral bridge		A	NP
posterior bridge		A	NP
transverse foramen biparite		A	NP

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		A	A
spina bifida occulta	A	A	

Femur

allen's fossa		A	A
polirier's facet		P	P A
plaque		A	P
third trochanter		A	A
hypotrochanteric fossa		A	A
exostols in trochanteric fossa		P	P

Patella

vastus notch		NP	A
vastus fossa		NP	A
emarginate patella		NP	A

Tibia

Med. Squatt facet form double		A	A
Lat. Squatt facet form single		A	A

Calcaneus

facet form double		P	A
facet form single		A	P

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	NP	NP	
Orbital Length (O'2)	NP	NP	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)	1		NP
Max. Cranial Breadth (B)			148
Min. Frontal Breadth (B')			NP
Basion Bregma height (H')			143
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			NP
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			NP
Nasal Height (NH')			NP
Nasal Breadth (NB)			NP
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			NP
Palatal Breadth (G'2)			NP
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			NP
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			34.32
Mandibular Angle MZ			
Bigonial Breadth OoGo			NP
Max. Mandibular Length			NP

53.

left

right

Femur

FeL1 Max. L

478

477

FeL2 Obl. L

FeD1 A-P Subtroch DI

29.84 34.12

34.10 29.92

FeD2 M-L Subtroch DI

34.12

34.10

FeDs Max. DI Head

C Midshaft Circ.

FeEI Bicond Width

Tibia

TiL1 Max. L

406

406

TiB1 Bicond Width

36.30

36.30

TiD1 A-P DI. Nut. For

28.48

28.82

TiD2 M-L DI. Nut. For

Fibula

FiL1 Max. L

Humerus

HuL1 Max. L

341

HuD5 Max. DI Head

HC Midshaft Circ

Radius

RaL1 Max. L

251

Ulna

UiL1 Max. L

Clavicle

CiL1 Max. L

54.

left

right

Scapula

GC2 Glen. Cav. L

GC2 Glen. Cav. B

—
—

—
—

Atlas

Max. Internal width

	31.36	
--	-------	--

Sternum

SL Max. L. Body

ML max. L. Manbrium

—
—

Sacrum

SacL Max. L

SacB Max. B

97.12
114.40

Indices

Cranial

Height/Length

Height/Breadth

—
96.62

Nasal

Upper Facial

~~Foraminal~~ Nasal

Palatal

Orbital

Mean Porion Height

11
11
11
X

Post Cranial

Platymetric

Platycnemic

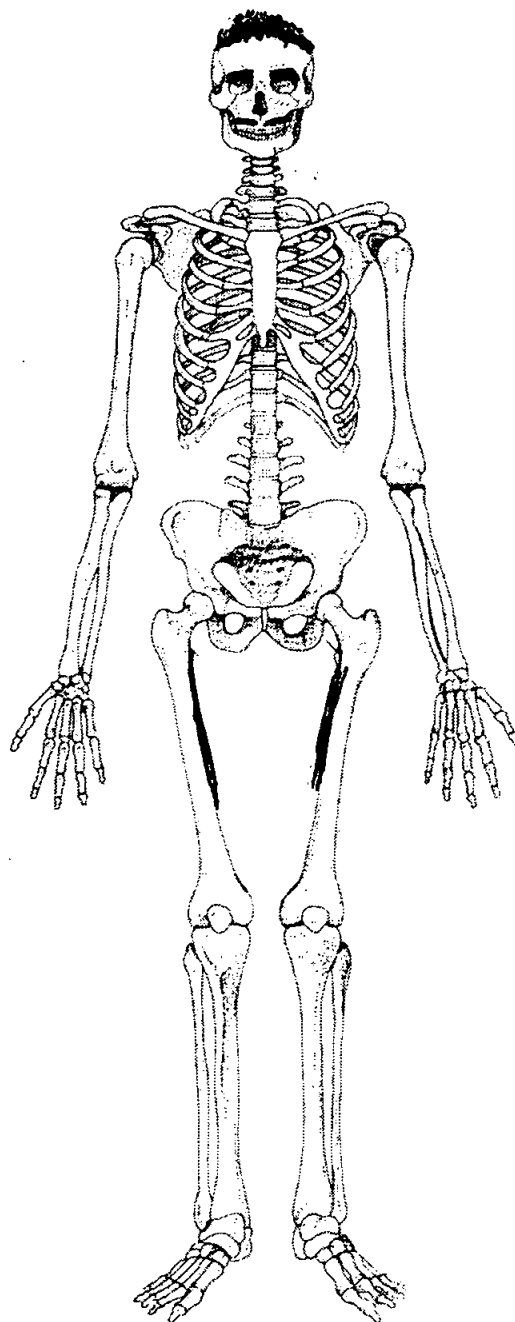
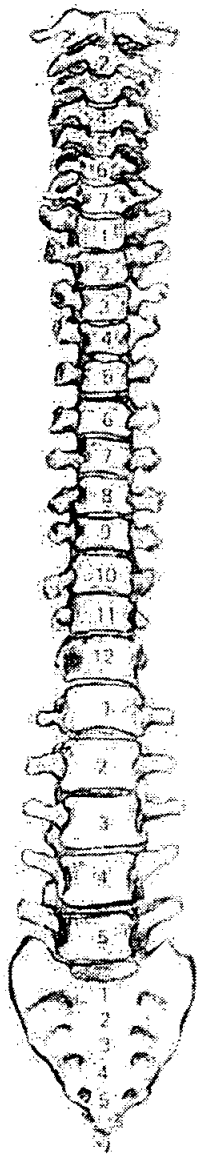
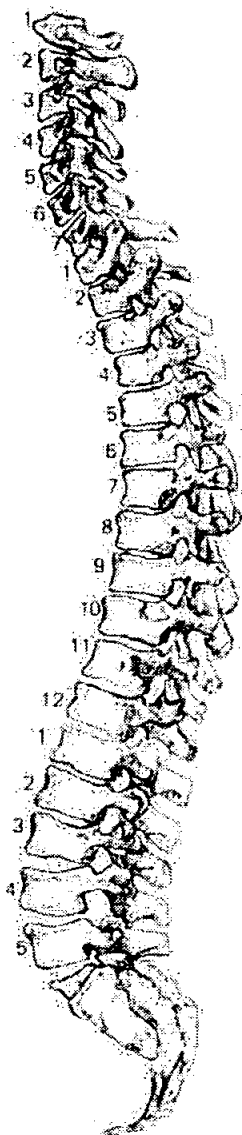
Radio-Humeral

Robusticity

87.45
—
—

87.74
79.39
—

55. Pathological Distribution



56. Pathological Description

Porosity on the parietals: Porotic hyperostosis - active = anaemia
 Porosity on the orbital roofs: Active; cribra orbitalia = anaemia.
 Posterior-medial aspect of the right femoral midshaft & the
 posterio-lateral side. Area of periostitis measuring 129.3 mm
 prox-distal end of shaft. The lesion is healed striated lamellar
 bone. Also present on the medial side of left femoral shaft
 starting immediately inferior to the lesser trochanter & measures
 153 mm in length.
 Maxillary sinuses: Bone spicules present @ the base of right
 & left sinus cavities, lesions situated anteriorly. = NI; Maxillary
 sinusitis

NP= Bone not present

972
OLR000

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB							NP	NP		
C4	OP PO SN EB	NP	NP					NP	NP		
C5	OP PO SN EB	NP	NP		NP			NP	NP		
C6	OP PO SN EB	NP	NP		NP			NP	NP		
C7	OP PO SN EB	NP	NP		NP			NP	NP		
T1	OP PO SN EB	NP	NP		NP	NP	NP	NP		NP	NP
T2	OP PO SN EB	NP	NP			NP	NP			NP	NP
T3	OP PO SN EB	NP	NP		NP	NP	NP			NP	NP
T4	OP PO SN EB	SN	SN			NP				NP	NP
T5	OP PO SN EB		SN							NP	NP
T6	OP PO SN EB	SN	SN				NP				
T7	OP PO SN EB	PO	SN								
T8	OP PO SN EB	SN	SN								
T9	OP PO SN EB	SN	SN							NP	NP
T10	OP PO SN EB	SN	SN				NP				
T11	OP PO SN EB	SN	SN			PO					
T12	OP PO SN EB		SN				NP				NP
L1	OP PO SN EB	SN	SN								
L2	OP PO SN EB	SN	SN								
L3	OP PO SN EB	SN	SN								
L4	OP PO SN EB	SN	SN								
L5	OP PO SN EB	SN	PO								

1. Site Name

OLR 00

2. Date of Record

31 01 01

3. Period

4. Skeleton Number

980

5. Age

MTA

6. Sex (tick one)

☒ Male

☐ Female

☐ Unidentified

(46+)

7. Stature

No intact long bones. V. large + robust

8. Preservation (tick one)

☐ Excellent

☐ Good

☒ Poor

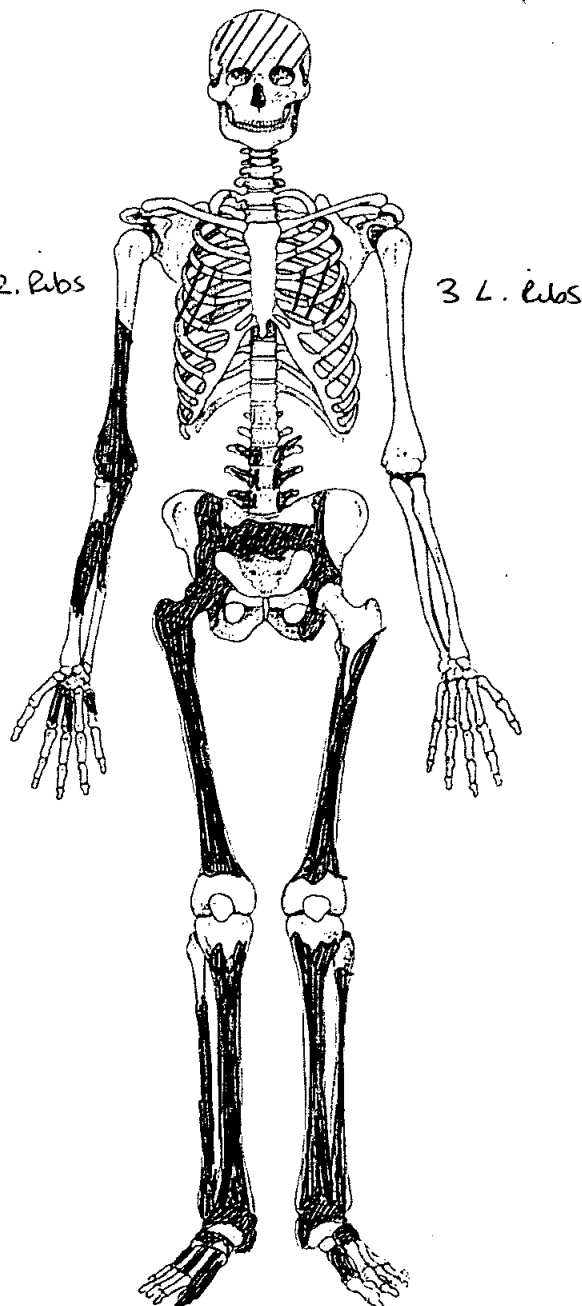
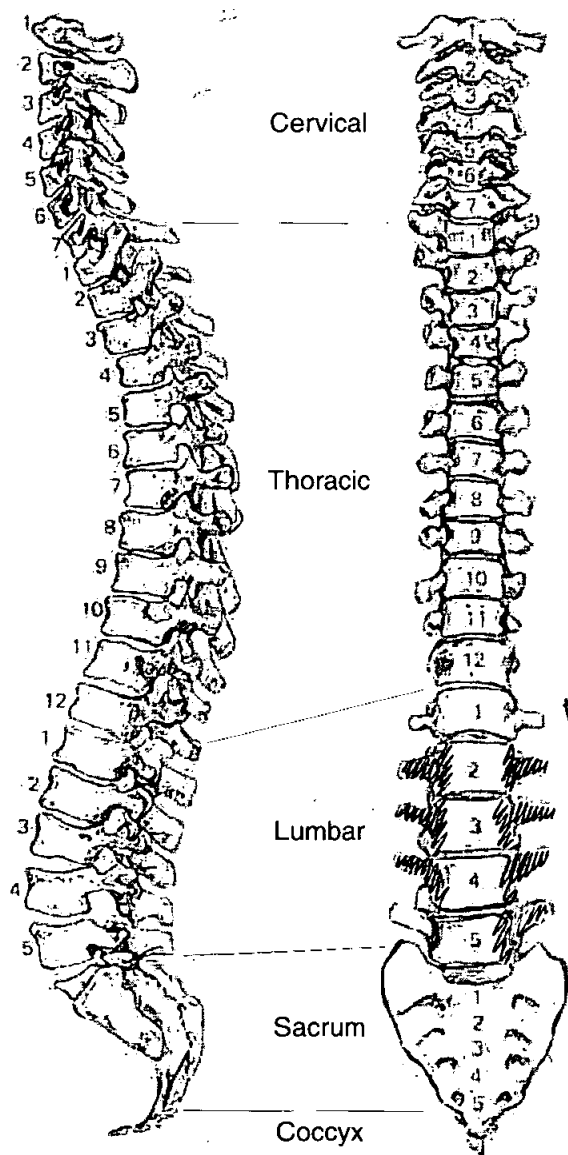
☐ Destroyed

9. Summary of Pathological Conditions

Severe DJD R + L 1st Metatarsals +

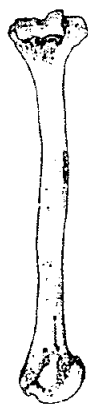
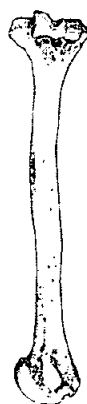
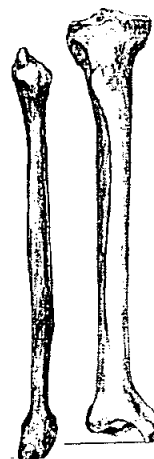
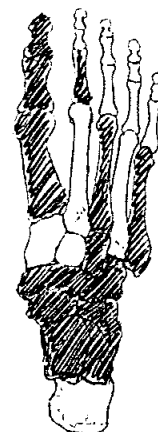
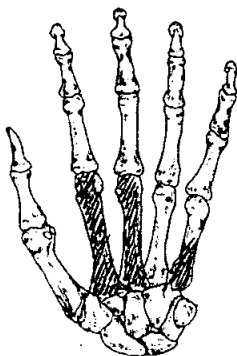
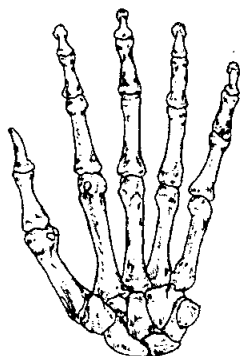
Prox. phalanges

10. Diagram of Bones Present 1



Neural
arches
of L.V.s
only

11. Diagram of Bones Present 2

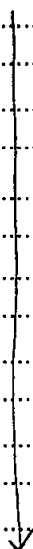


Adult Age Estimation

- 13. Epiphyseal Fusion
- 14. Dental Eruption and Development
- 15. Dental Attrition
- 16. Pubic Symphyses
 - a. Todd (♂ & ♀)
 - b. McKern & Stewart (♂)
 - c. Gilbert and McKern (♀)
 - d. Suchey Brooks (♂ & ♀)

22-25+

NP



- 17. Sternal End of Ribs
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface
- 20. Degenerative Joint Disease
- 21. Comments

used + for the rest part obliterated

60+

Severe DJD R & L 1st T7/tarsal +
phalanges. Tib in L.

Sexing

Skull

- 22. Supraorbital Ridges
- 23. Mastoid Processes
- 24. Posterior Zygomatic Arch
- 25. Nuchal Crest/Occipital Protuberance
- 26. Anterior Mandible
- 27. Orbital Rims

NP

Male

Male

Male (v. pronounced)

NP

NP

Pelvis

28. Sciatic Notch Ambiguous
29. Subpubic Angle NP
30. Subpubic Concavity
.....
.....
.....
31. Ischio-Pubic Ramus
.....
.....
.....
32. Ventral Arc
.....
.....
33. Preauricular Sulcus Male
34. Obturator Foramen NP
35. Pelvic Brim NP
36. Acetabulum Male
37. Ilium Auricular Surface Male

Sacrum

38. Segments NB
39. Morphology
.....
.....

Sternum

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L -	R 53.7
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L -	R -
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L -	R -
Radius Head Diameter >23mm = ♂, <21mm = ♀	L -	R -
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L -	R -
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L -	R -

50. Cranial Non-metrics

Highest Nuchal Line	A
Ossicle at Lambda	P
Bregmatic Bone	NP
Access. Lesser Pal. For	NP
Palatine Torus	NP
Metopism	A
Lambdoid Ossicle	R + L = P
Coronal Ossicle	R + L = A
Epipteric Bone	NP
Ossicle at Asterion	NP
Parietal Notch Bone	NP
Fronto-temporo Articulation	NP
Parietal Foramen	L = P, R = A
Access Infraorb. For	NP
Zygomat. Facial. For	NP
Frontal. For	NP
Foramen of Huschke	NP
Auditory Torus	R + L = A
Mandibular Torus	NP
Torus Maxillares	NP
Precondylar Tubercle	NP
Foramen Ovale	NP
Supra-Orbital Foramen	NP
Postcondylar facet	NP
Foramen Spinosum	NP
Posterior Cond. Canal	NP
Condylar Facet	NP
Mastoid Foramen	R + L = A
Ant. Ethmoid Foramen	NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	NP

51. Humerus

	unsided	left	right
septal aperture		NP	A
supra-conyloid process			A

Scapula

supra-scapular foramen/notch			NP
acromial articular facet			

Atlas

facet form double/single			
lateral bridge			
posterior bridge			
transverse foramen biparite		✓	✓

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		NP	NP
spina bifida occulta		NP	NP

Femur

allen's fossa			A
polirier's facet			X
plaque			A
third trochanter			A
hypotrochanteric fossa			A
exostosis in trochanteric fossa			A

Patella

vastus notch			A
vastus fossa			A
emarginate patella		✓	A

Tibia

Medial facet form double		A	A
Lateral facet form single		A	A

Calcaneus

facet form double		P	A
facet form single		A	P

980
OLRφφ

Skeleton Recording Sheet (Adult)

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEI Bicond Width

—
—
35.2
39.3
—
—
—

—
—
34.5
39.8
—
—
—

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

—
—
—
—

—
—
—
—

} Too damaged.

Fibula

FiL1 Max. L

—

—

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

—
—
—

—
—
—

Radius

RaL1 Max. L

—

—

Ulna

UiL1 Max. L

—

—

Clavicle

CiL1 Max. L

—

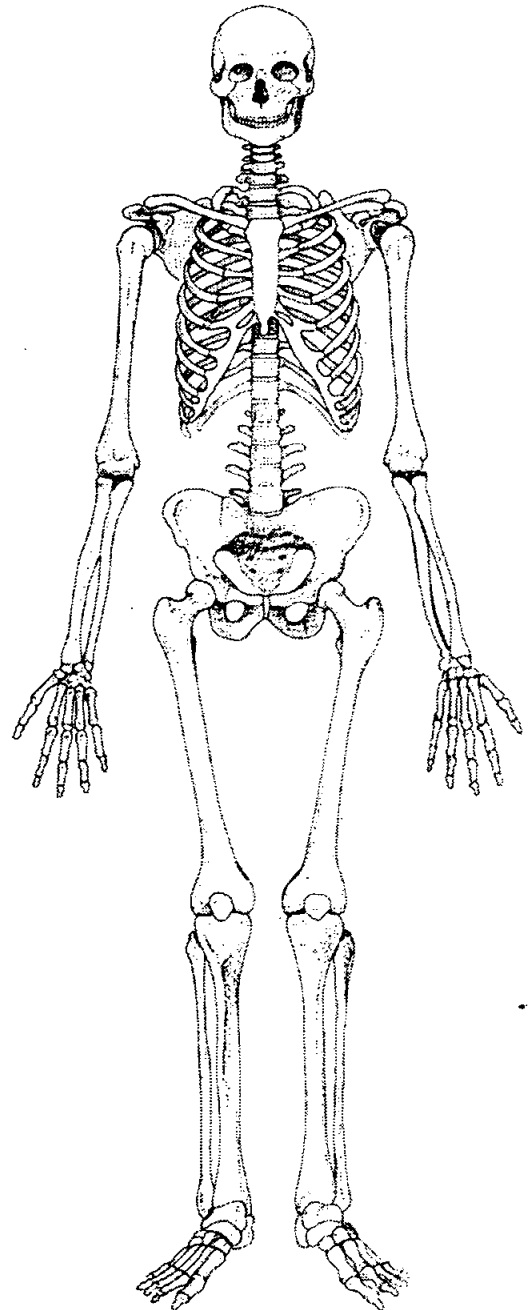
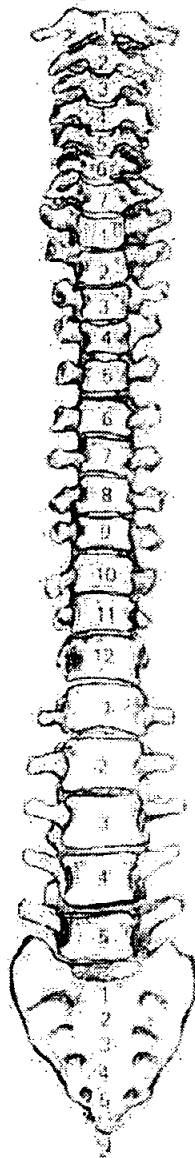
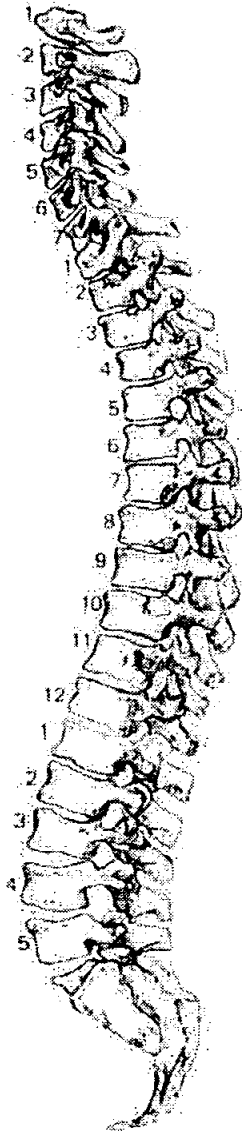
—

Index:
Platymeric:

Left:
89.57

Right:
86.68

55. Pathological Distribution



56. Pathological Description

D1D - L 1st M. tarsal - distal jt. Surf. Pod o.p.s. +
 elaboration, prox phalanx slight o.p.s. prox. jt. Surface
 R. 1st M. tarsal - distal jt. Surf. Severe o.p.s.,
 Pod p.o. + elaboration, prox phalanx prox
 jr. Surf. Severe o.p.s., Pod. p.o. elaboration + growing

1. Site Name

OLR 00

2. Date of Record

13 02 01

3. Period

P-M

4. Skeleton Number

981

5. Age

6. Sex (tick one)

☒ Male

☐ Female

☐ Unidentified

45+

7. Stature

165.81 ± 3.37 cm

8. Preservation (tick one)

☐ Excellent

☐ Good

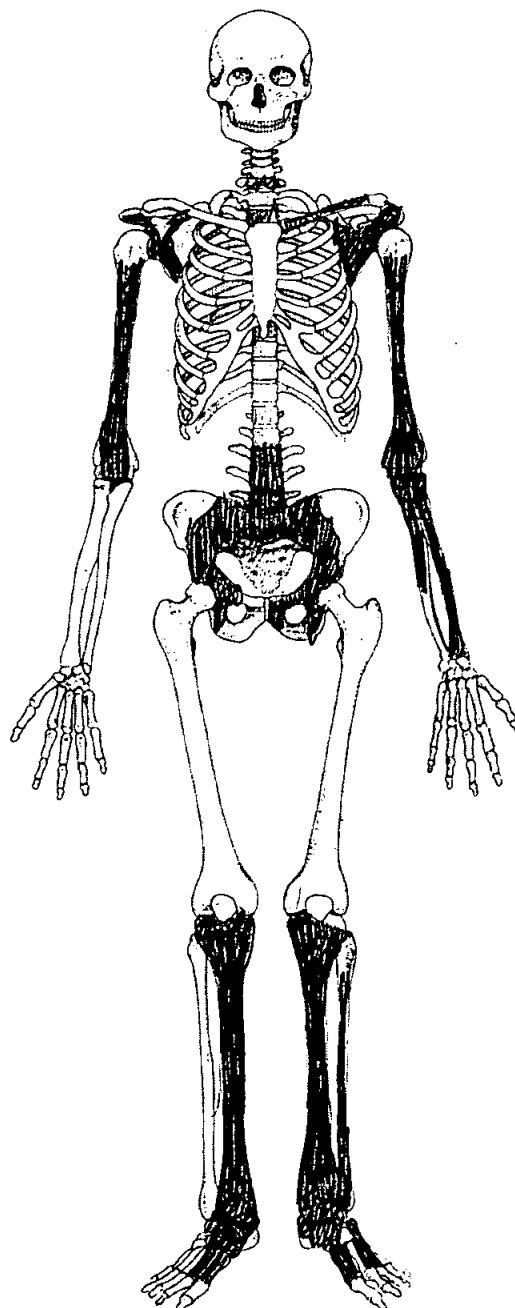
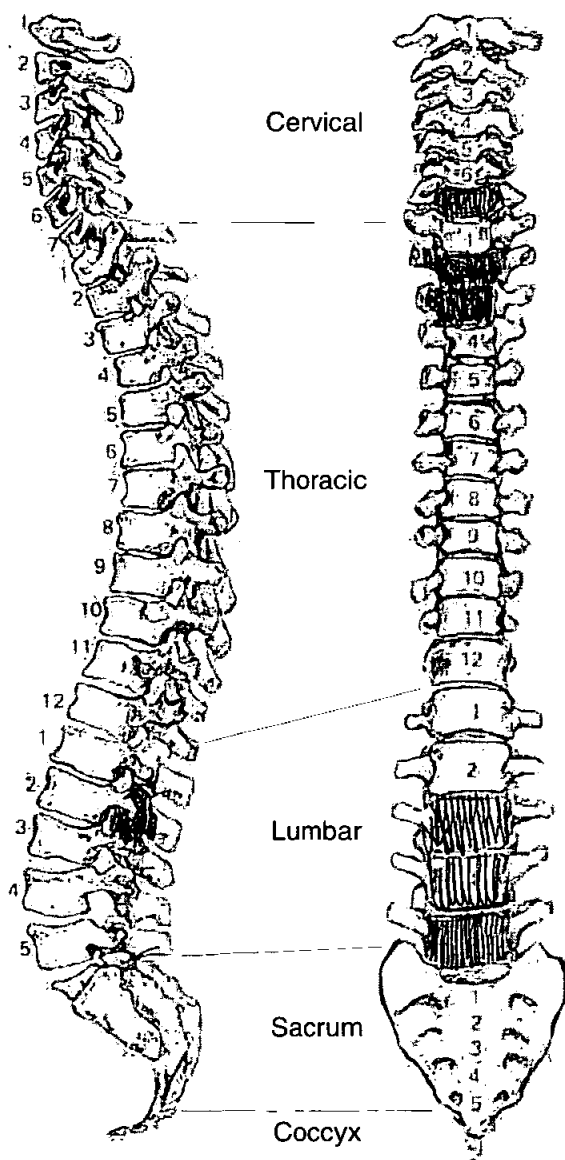
☒ Poor/Fair

☐ Destroyed

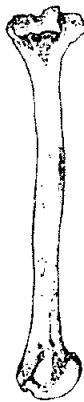
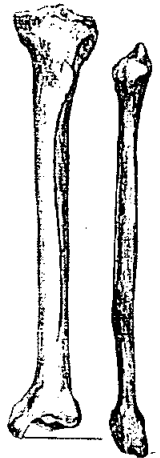
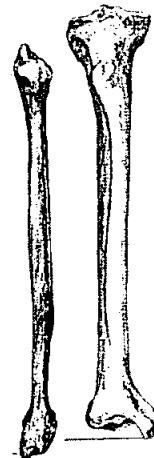
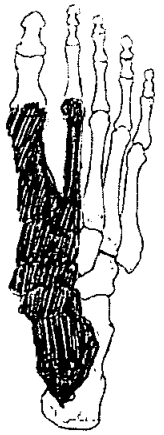
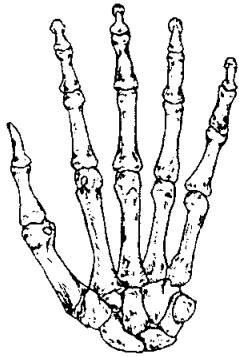
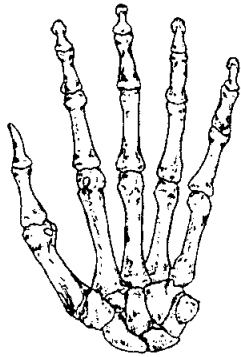
9. Summary of Pathological Conditions

DDD - left + Right glenoid fossae, L+R 1st mt's
Spinal DDD - lumbar

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

Fused (+28)

14. Dental Eruption and Development

15. Dental Attrition

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♂ stage V mean 45.6

17. Sternal End of Ribs

18. Cranial Suture Closure

19. Ilium Auricular Surface

50+

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

23. Mastoid Processes

24. Posterior Zygomatic Arch

25. Nuchal Crest/Occipital Protuberance

26. Anterior Mandible

27. Orbital Rims

Pelvis

28. Sciatic Notch

M

29. Subpubic Angle

M

30. Subpubic Concavity

—

31. Ischio-Pubic Ramus

—

32. Ventral Arc

F?

33. Preauricular Sulcus

M

34. Obturator Foramen

—

35. Pelvic Brim

—

36. Acetabulum

n?

37. Ilium Auricular Surface

M

Sacrum

38. Segments

n

39. Morphology

—

Sternum

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L —	R —
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 23.1	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 28.1	R —
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R —

50. Cranial Non-metrics

Highest Nuchal Line	.....
Ossicle at Lambda	.....
Bregmatic Bone	.....
Access. Lesser Pal. For	.....
Palatine Torus	.....
Metopism	.....
Lambdoid Ossicle	.....
Coronal Ossicle	.....
Epipteric Bone	.....
Ossicle at Asterion	.....
Parietal Notch Bone	.....
Fronto-temporo Articulation	.....
Parietal Foramen	.....
Access Infraorb. For	.....
Zygomat. Facial. For	.....
Frontal. For	.....
Foramen of Huschke	.....
Auditory Torus	.....
Mandibular Torus	.....
Torus Maxillares	.....
Precondylar Tubercle	.....
Foramen Ovale	.....
Supra-Orbital Foramen	.....
Postcondylar facet	.....
Foramen Spinosum	.....
Posterior Cond. Canal	.....
Condylar Facet	.....
Mastoid Foramen	.....
Ant. Ethmoid Foramen	.....
Post. Ethmoid Foramen	.....
Anterior Condylar Canal	.....

A = Absent, P = Present, NP = Bone not present

981
OLR ~~pp~~

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		NP	NP

Atlas

		NP	NP
facet form double/single		↓	↓
lateral bridge		↓	↓
posterior bridge		↓	↓
transverse foramen biparite		↓	↓

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		A	A
spina bifida occulta	NP		

Femur

		NP	NP
allen's fossa		↓	↓
polirier's facet		↓	↓
plaque		↓	↓
third trochanter		↓	↓
hypotrochanteric fossa		↓	↓
exostosis in trochanteric fossa		↓	↓

Patella

		NP	NP
vastus notch		↓	↓
vastus fossa		↓	↓
emarginate patella		↓	↓

Tibia

facet form double		A	A
facet form single		A	A

Calcaneus

facet form double		P	A
facet form single		A	P

**Skeleton Recording Sheet
(Adult)**

981
OLRφφ

53.

left

right

Femur

NP

NP

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEl Bicond Width

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

—
—
34.50
26.70

346
71.7
36.30
27.84

Fibula

FiL1 Max. L

—

—

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

—
—
—

—
—
—

Radius

RaL1 Max. L

235

—

Ulna

UiL1 Max. L

—

—

Clavicle

CiL1 Max. L

—

—

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

—
—

—
—

Atlas

Max. Internal width

—

—

Sternum

SL Max. L. Body
ML max. L. Manbrium

—
—

—
—

Sacrum

SacL Max. L
SacB Max. B

—
—

Indices

Cranial

Height/Length
Height/Breadth

—
—

Nasal

Upper Facial
~~Foraminal~~ *Nasal*
Palatal
Orbital
Mean Porion Height

—

—
—
—
—
X

—

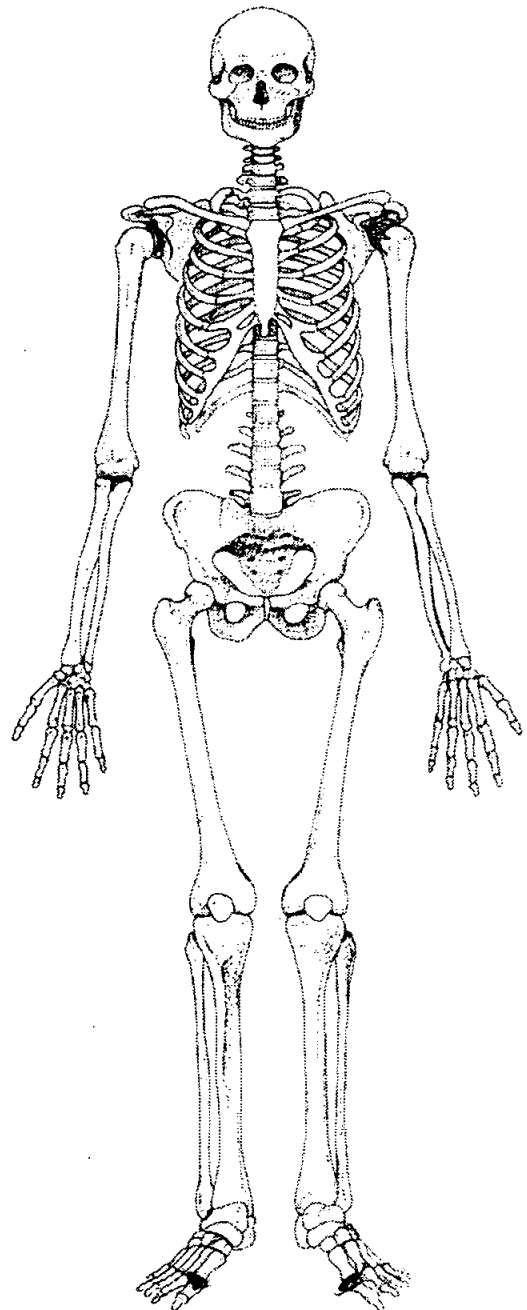
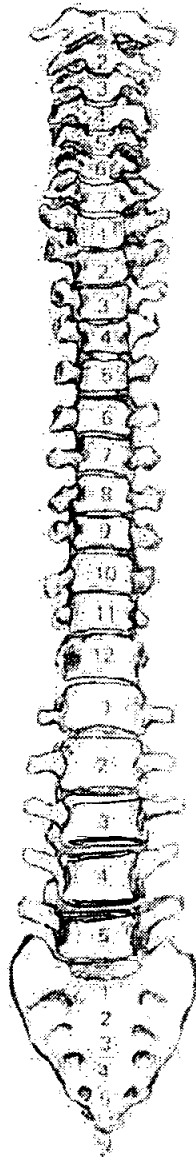
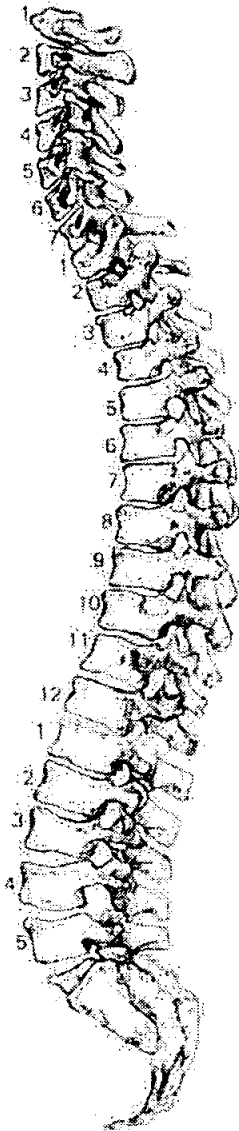
Post Cranial

Platymetric
Platycnemic
Radio-Humeral
Robusticity

—
77.39
—

—
76.69
—

55. Pathological Distribution



56. Pathological Description

- * Osteophytes @ the margins of the glenoid fossa - right. Are moderate. Slight lipping of left glenoid fossa. = DJD
- * Right & left dist end of 1st Metatarsals: margins of articular surfaces are moderately lipped & the surface is porous anteriorly on the heads. = DJD



57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB										
C7	OP PO SN EB										
C7	OP PO SN EB	OP	OP								
T1	OP PO SN EB										
T2	OP PO SN EB		PO								
T3	OP PO SN EB										
T4	OP PO SN EB										
T5	OP PO SN EB										
T6	OP PO SN EB										
T7	OP PO SN EB										
T8	OP PO SN EB										
T9	OP PO SN EB										
T10	OP PO SN EB										
T11	OP PO SN EB										
T12	OP PO SN EB										
T13	OP PO SN EB										
T14	OP PO SN EB										
T15	OP PO SN EB										
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T92	OP PO SN EB										
T93	OP PO SN EB										
T94	OP PO SN EB										
T95	OP PO SN EB										
T96	OP PO SN EB										
T97	OP PO SN EB										
T98	OP PO SN EB										
T99	OP PO SN EB										
T100	OP PO SN EB										
L3	OP PO SN EB	SN CP	PO								
L4	OP PO SN EB	SN PO PO PO PO	PO								
L5	OP PO SN EB	PO PO PO PO	PO O								

Osteophytes are slight

985

1. Site Name OLR 00

2. Date of Record 21 02 01

3. Period P-M

4. Skeleton Number 985

5. Age 60+

6. Sex (tick one) ☐ Male ☒ Female ☐ Unidentified

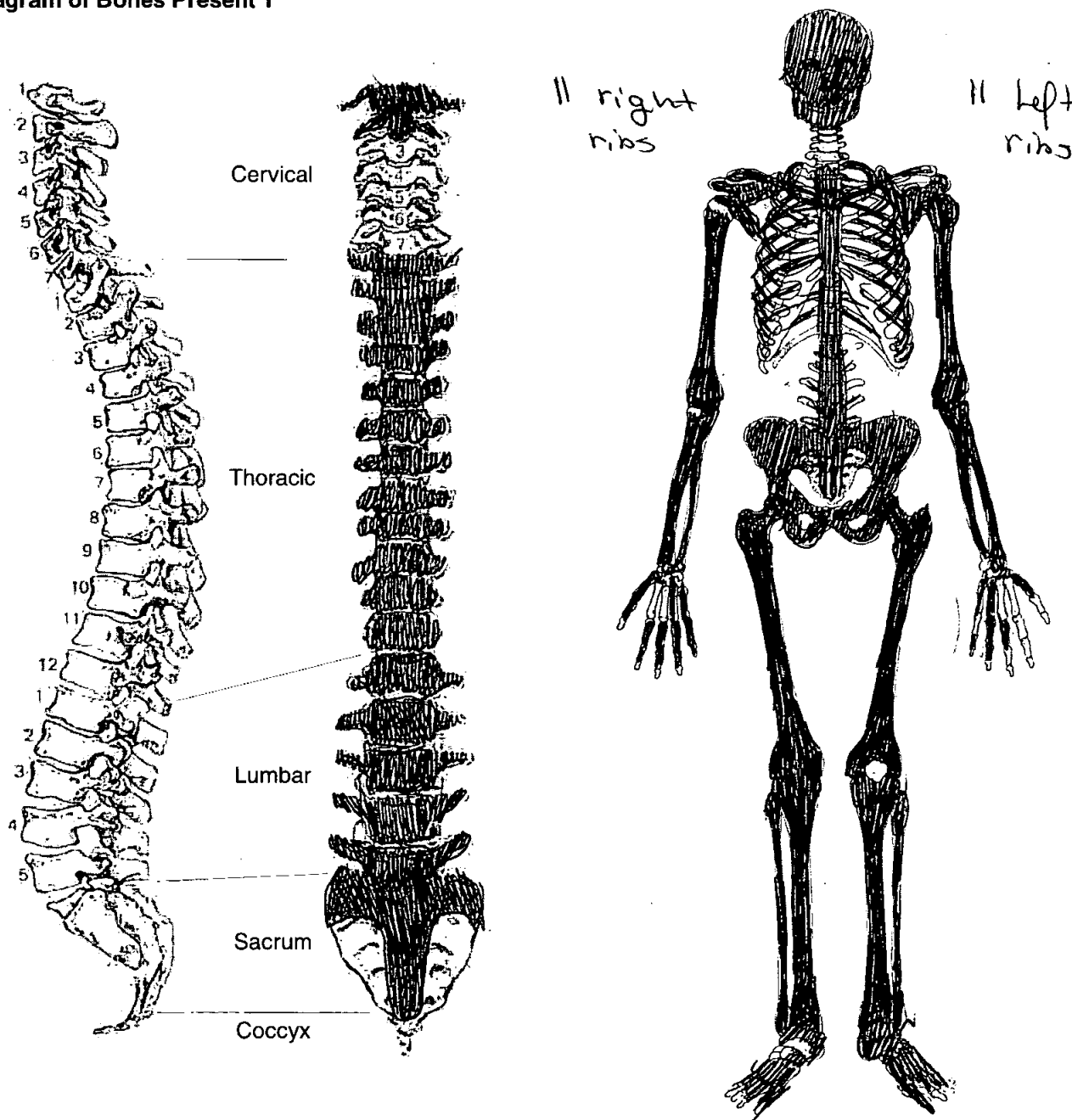
7. Stature 158.84 ± 3.55 cm

8. Preservation (tick one) ☐ Excellent ☒ Good ☐ Poor ☐ Destroyed

9. Summary of Pathological Conditions

- * Healed cribra orbitalia
- * DJD Glenoid fossae, right hip, R+L knees
- * OA T1 & L4-5, Spinal DJD

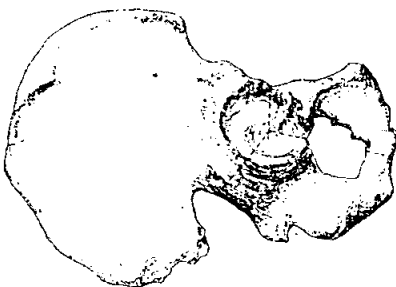
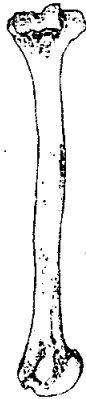
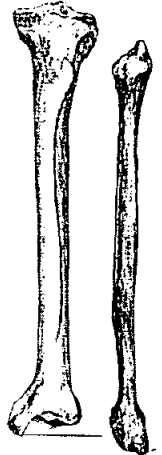
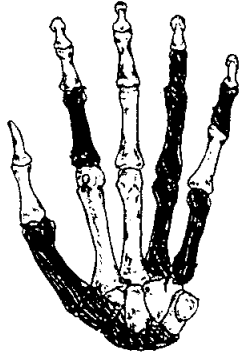
10. Diagram of Bones Present 1



11. Diagram of Bones Present 2

L

R



Adult Age Estimation

13. Epiphyseal Fusion

Fused (+28)

14. Dental Eruption and Development

15. Dental Attrition

No molars

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♀ stage II - IV 48.1-60.0+

17. Sternal End of Ribs

18. Cranial Suture Closure

19. Ilium Auricular Surface

50-59+

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

F

23. Mastoid Processes

M

24. Posterior Zygomatic Arch

M?

25. Nuchal Crest/Occipital Protuberance

F?

26. Anterior Mandible

F

27. Orbital Rims

F

Pelvis

28. Sciatic Notch

F

29. Subpubic Angle

F

30. Subpubic Concavity

F

31. Ischio-Pubic Ramus

F

32. Ventral Arc

NP

33. Preauricular Sulcus

M

34. Obturator Foramen

F

35. Pelvic Brim

F

36. Acetabulum

F

37. Ilium Auricular Surface

NP?

Sacrum

38. Segments

F

39. Morphology

NP

Sternum

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 44.20 ~	R 44.1 ~
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 78.96 ♂	R 78.92 ♂
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 42.7 ♀	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 22.0 ~	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 26.9 ♂	R 28.2 ♂
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 143.20 ~	R 138.20 ~

50. Cranial Non-metrics
 A = Absent, P = Present, NP = Bone not present
 NO = Trait not observable.

Highest Nuchal Line	P
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	R+L=A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipteric Bone	R+L=A
Ossicle at Asterion	R+L=A
Parietal Notch Bone	R+L=A
Fronto-temporo Articulation	R+L=A
Parietal Foramen	R+L=P
Access Infraorb. For	R+L=A
Zygomat. Facial. For	R+L=A R=1, L=1
Frontal. For	R+L=A
Foramen of Huschke	R+L=A
Auditory Torus	R+L=A
Mandibular Torus	R+L=A
Torus Maxillares	R+L=P
Precondylar Tubercle	P
Foramen Ovale	R+L=A
Supra-Orbital Foramen	R+L=A (Notches)
Postcondylar facet	R+L=A
Foramen Spinosum	R+L=A
Posterior Cond. Canal	R+L=A
Condylar Facet	R+L=A (single)
Mastoid Foramen	L=P, R=A
Ant. Ethmoid Foramen	A+R=A
Post. Ethmoid Foramen	A+L=A
Anterior Condylar Canal	R+L=A

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		Foramen	Notch
acromial articular facet		A	A

Atlas

facet form double/single		P	P
lateral bridge		A	A
posterior bridge		P	P
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		A	A
spina bifida occulta	A		

Femur

allen's fossa		A	A
polirier's facet		P	A
plaque		A	P
third trochanter		A	A
hypotrochanteric fossa		A	A
exostois in trochanteric fossa		P	P

Patella

vastus notch		NP	A
vastus fossa		↓	A
emarginate patella		↓	A

Tibia

facet form double		A	A
facet form single		A	A

Calcaneus

facet form double		P	A
facet form single		A	A

985
OLR 706

Skeleton Recording Sheet (Adult)

52.

left

right

unside

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	38.2	38.5	
Orbital Length (O'2)	33.5	34.8	
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			186
Max. Cranial Breadth (B)			138
Min. Frontal Breadth (B')			125 99
Basion Bregma height (H')			125
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			x 67.2
x Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			x 102.4
x Bizygomatic Breadth (J)			x 52.2
x Nasal Height (NH')			x 23.2
x Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
x Palatal Length (G'1)			x 43.6
x Palatal Breadth (G'2)			x 33.1
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			116
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			23.4
Mandibular Angle MZ			
Bigonial Breadth OoGo			81
Max. Mandibular Length			68

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEl Bicond Width

414

27.3
34.1
44.2

78.96

418

26.1
33.4
44.1

78.92

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

346
71.0
32.4
24.5

341
72.44
33.0
24.4

Fibula

FiL1 Max. L

342

—

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

302

—

Radius

RaL1 Max. L

219

—

Ulna

UiL1 Max. L

234

—

Clavicle

CiL1 Max. L

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

36.1
26.9

37.1
28.2

Atlas

Max. Internal width

26.1

Sternum

SL Max. L. Body
ML max. L. Manbrium

—
—

Sacrum

SacL Max. L
SacB Max. B

—
—

Indices

Cranial

Height/Length
Height/Breadth

67.20
90.58

Nasal

Upper Facial
~~Foramina~~ Nasal
Palatal
Orbital
Mean Porion Height

66.11
44.44
75.92
87.70
90.39

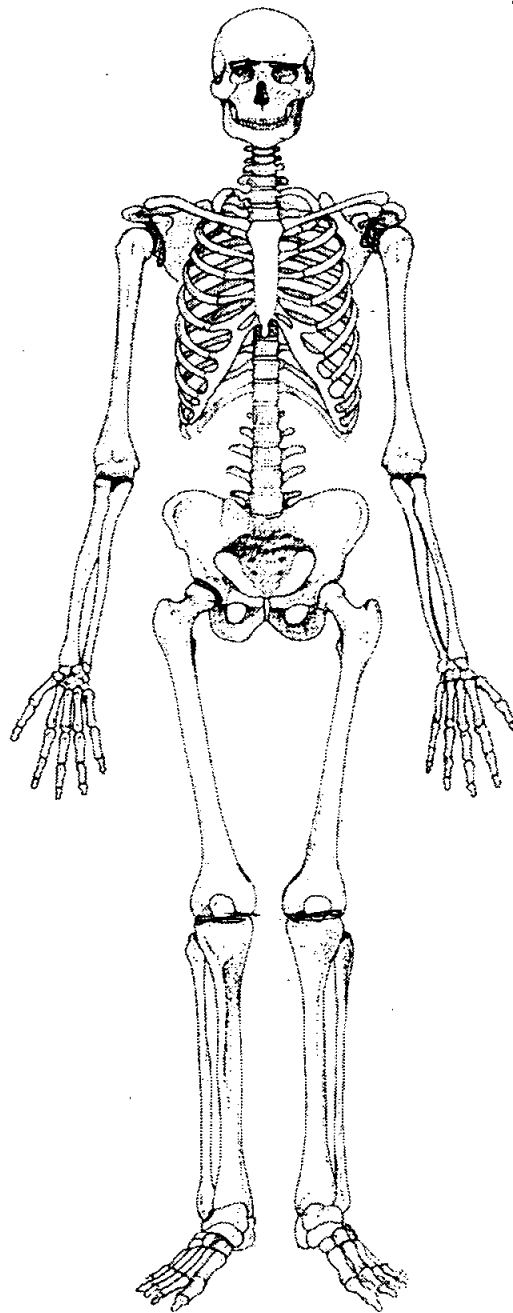
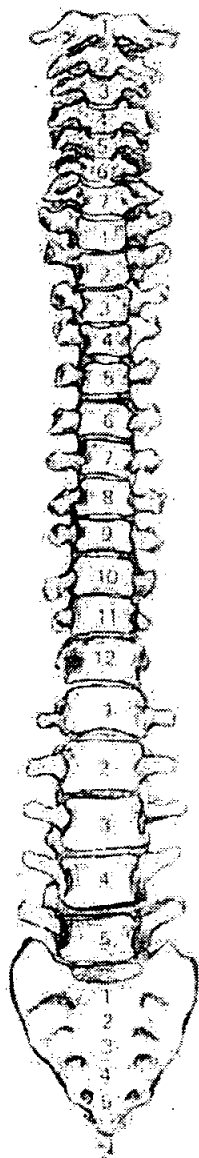
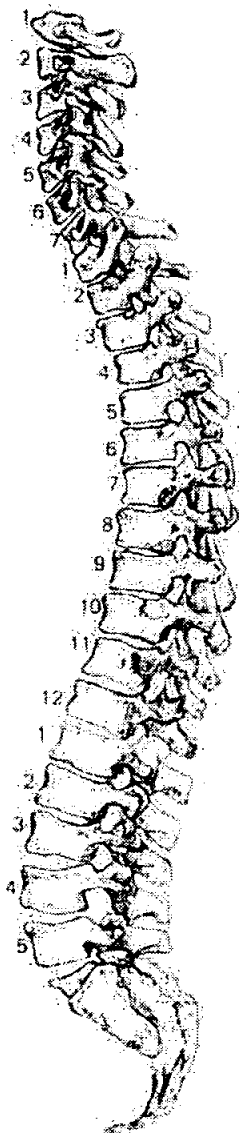
Post Cranial

Platymetric
Platycnemic
Radio-Humeral
Robusticity

80.06
~~80.06~~
75.62
72.52
—

78.14
~~90.39~~
73.94
—

55. Pathological Distribution



56. Pathological Description

- * Orbital roofs: capillary impressions, Grade 1; Lesions healed Cribria Orbitalia.
- * Slight osteophyte formations @ edges of glenoid fossae = Slight DJD.
- * Right acetabulum: Area of moderate porosity Ø 10 mm @ superior anterior aspect of the articular surface = DJD.
- * L+R knees: Femoral condyles & patellar surface ridges are chipped, slightly. Articular surfaces & tibial eminences are the same = DJD.

OLR 985

X = Missing / Bone not present

57. Spinal Joint Disease (for key and recording method see over)

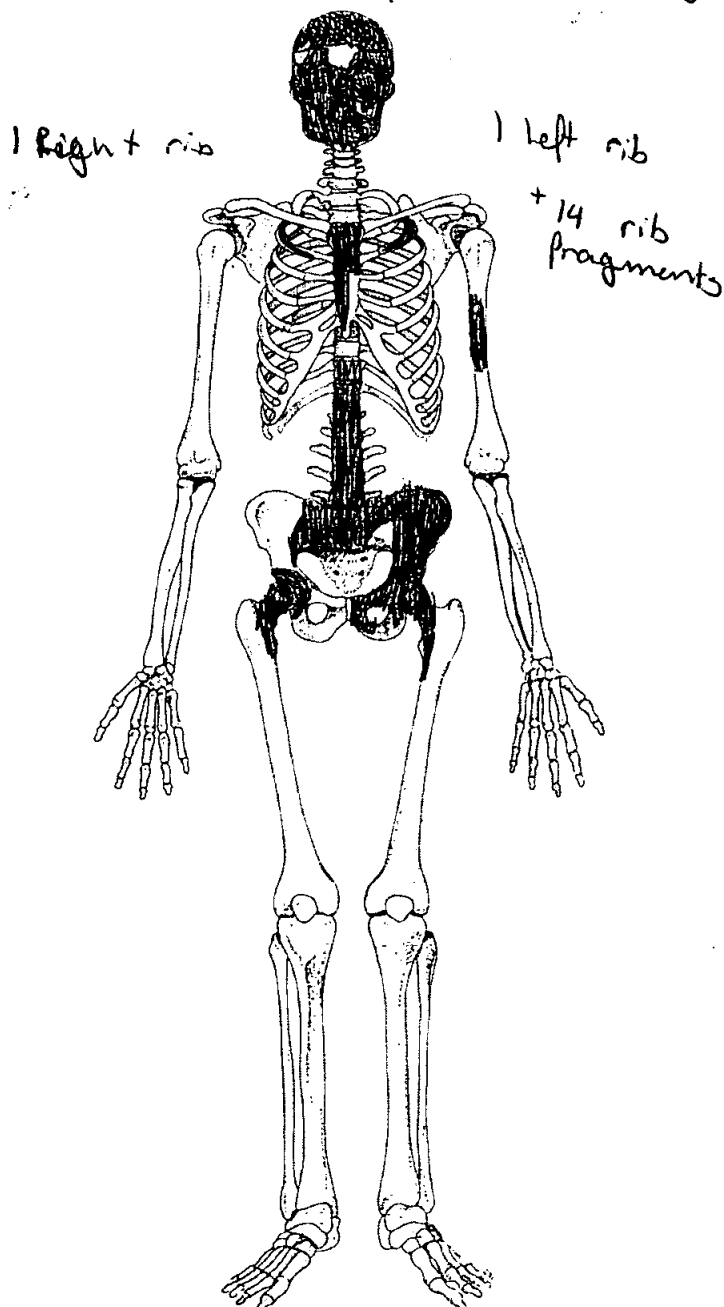
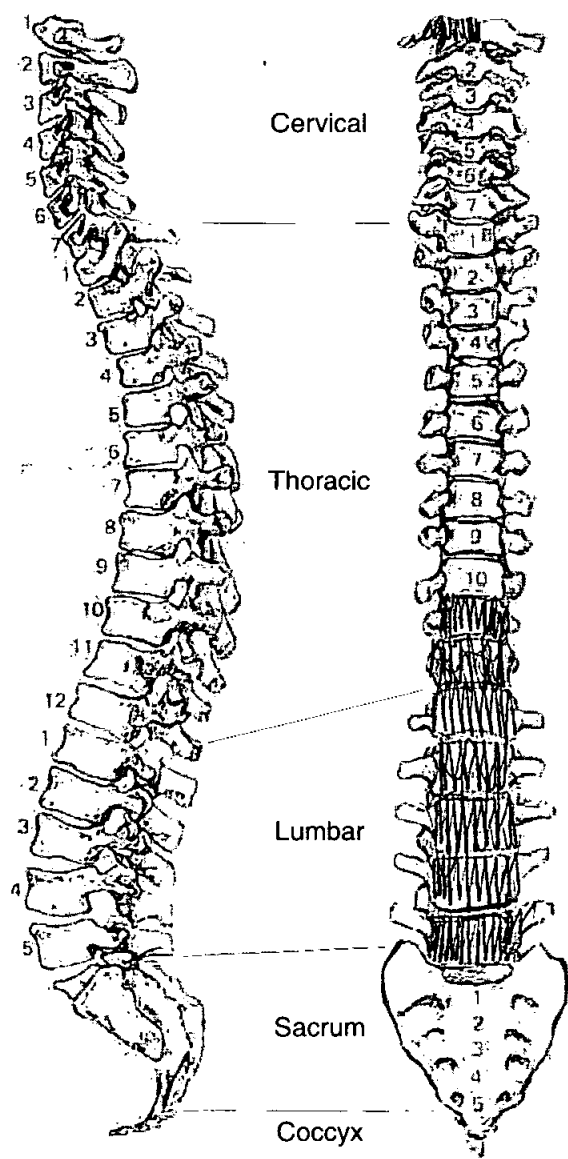
		S3	L3	L5 P	LIP	LTP	LCF	RSP	RTP	RTP	RCF
		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
T1	OP PO SN EB						OP PO	EB OP			OP PO
T2	OP PO SN EB										
T3	OP PO SN EB		OP								
T4	OP PO SN EB	PO OP									
T5	OP PO SN EB									OP	
T6	OP PO SN EB	OP	OP			OP	PO			OP	
T7	OP PO SN EB	OP PO	OP I			PO	PO	I		PO	
T8	OP PO SN EB	PO					PO			PO	
T9	OP PO SN EB	PO	PO								
T10	OP PO SN EB	PO	PO					OP	OP		
T11	OP PO SN EB	PO	PO					OP	OP		
T12	OP PO SN EB	PO				PO OP		OP PO	OP		PO
L1	OP PO SN EB	PO	PO								
L2	OP PO SN EB	PO	PO								
L3	OP PO SN EB	PO	PO	OP	OP			OP	OP		
L4	OP PO SN EB	PO	PO	OP	OP			OP	OP EB		
L5	OP PO SN EB	PO	PO	OP	OP EB			OP EB	OP		

1. Site Name OLR 00
2. Date of Record 12 02 01
3. Period P-M
4. Skeleton Number 986 5. Age 35-52+
6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified
7. Stature No long bones
8. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor/Fair ☐ Destroyed

9. Summary of Pathological Conditions

- * Healed rib lesions - Non-specific infection
- * Cribra orbitalia; Active, Anaemic
- * Post-mortem procedures: Craniotomy & sawn inf. → sup. sternum, inverted Y-incision for the examination of the internal organs

10. Diagram of Bones Present 1



Adult Age Estimation

13. Epiphyseal Fusion

Fused = Adult

14. Dental Eruption and Development

~~Molars~~

15. Dental Attrition

Molars M1:s : 25 years

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♂ phase IV, mean: 35.2
based on anterior ventral 1/2 of a symphysis
♂ 59-71; Phase 7

17. Sternal End of Ribs

18. Cranial Suture Closure

+52

19. Ilium Auricular Surface

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

M

23. Mastoid Processes

M

24. Posterior Zygomatic Arch

M

25. Nuchal Crest/Occipital Protuberance

M

26. Anterior Mandible

—

27. Orbital Rims

M?

Pelvis

28. Sciatic Notch

—

29. Subpubic Angle

M

30. Subpubic Concavity

M

31. Ischio-Pubic Ramus

—

32. Ventral Arc

—

33. Preauricular Sulcus

—

34. Obturator Foramen

M?

35. Pelvic Brim

M?

36. Acetabulum

M

37. Ilium Auricular Surface

M

Sacrum

38. Segments

M

39. Morphology

—

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

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
NP															

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

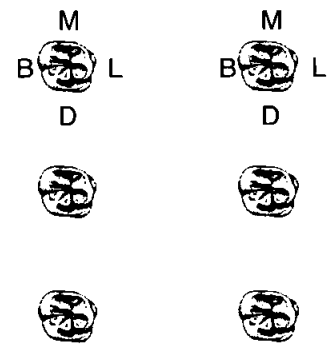
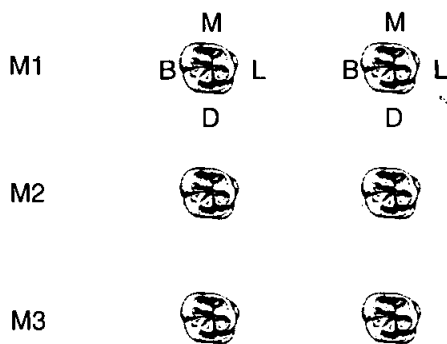
Left

Right

Maxilla

Left

Right



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

8	7	6	SL 5	SL 4	SL 3	SL 2	SL 1	SL 1	SL 2	SL 3	SL 4	SL 5	SL 6	SL 7	SL 8
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
	MS	MME	MME	MME		MME		M/ME	MME		MS	LME	DS	MS	MME
	BS	DS	DME	DME		DME		DME	DME		DME	MME	LS	DME	
		LS	BS	BS				S/L	S/L		BS				

45. Periodontal Disease (Brothwell 1981)

(S) Slight - Mandible
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occlusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

47. Abscess

Internal Drain

External Drain

48. Dental Anomalies

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L —	R 50.9
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L —	R —
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R —

A = Absent, P = Present, NP = Bone not present
NO = Not observable

50. Cranial Non-metrics

Highest Nuchal Line	A
Ossicle at Lambda	NP
Bregmatic Bone	A
Access. Lesser Pal. For	L+R=A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipetric Bone	NP L+R=NP
Ossicle at Asterion	L+R=A
Parietal Notch Bone	L+R=A
Fronto-temporo Articulation	L+R=NP
Parietal Foramen	L=A, R=P
Access Infraorb. For	L+R=NP
Zygomat. Facial. For	L=I, R=I
Frontal. For	L=NP, R=A
Foramen of Huschke	L+R=A
Auditory Torus	L+R=A
Mandibular Torus	L+R=A
Torus Maxillares	L=NP, R=A
Precondylar Tubercle	A
Foramen Ovale	NP L+R=A
Supra-Orbital Foramen	L=NP, R=A (Notch)
Postcondylar facet	L+R=A
Foramen Spinosum	L+R=A
Posterior Cond. Canal	L+R=A (single)
Condylar Facet	L+R=A (single)
Mastoid Foramen	L+R=P (extra sutural)
Ant. Ethmoid Foramen	L+R=A
Post. Ethmoid Foramen	L+R=A
Anterior Condylar Canal	L+R=A (single)

51. Humerus

	unsided	left	right
septal aperture		NP	NP
supra-conyloid process		NP	NP

Scapula

supra-scapular foramen/notch		NP	NP
acromial articular facet		NP	NP

Atlas

facet form double/single		NP	P
lateral bridge		NP	A
posterior bridge		NP	A
transverse foramen biparite		NP	A

Pelvis

accessory facets		A	NP
------------------	--	---	----

Sacrum

accessory facets		A	A
spina bifida occulta	A	A	.

Femur

allen's fossa		A	A
polirier's facet		A	A
plaque		A	A
third trochanter		NP	NP
hypotrochanteric fossa		NP	NP
exostosis in trochanteric fossa		NP	NP

Patella

vastus notch		NP	NP
vastus fossa		NP	NP
emarginate patella		NP	NP

Tibia

facet form double		NP	NP
facet form single		NP	NP

Calcaneus

facet form double		NP	NP
facet form single		NP	NP

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	41.70	42.0	
Orbital Length (O'2)	—	36.42	
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			—
Max. Cranial Breadth (B)			—
Min. Frontal Breadth (B')			—
Basion Bregma height (H')			—
Basion-Nasal Length (LB)			81.1
Basion-Alveolare (GL)			81.1
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			x 116.9
x Bizygomatic Breadth (J)			x 53.62
x Nasal Height (NH')			x 23.20
x Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			x 48.70
x Palatal Length (G'1)			—
Palatal Breadth (G'2)			
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM	1		
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			—
Foramen Ment. Breadth ZZ			—
Symphyseal Height HI			—
Mandibular Angle MZ			—
Bigonial Breadth OoGo			—
Max. Mandibular Length			—

54.

left

right

Scapula

GC2 Glen. Cav. L

GC2 Glen. Cav. B

Atlas

Max. Internal width

--

--

Sternum

SL Max. L. Body

ML max. L. Manbrium

113.7

Sacrum

SacL Max. L

SacB Max. B

Indices

Cranial

Height/Length

Height/Breadth

—
—

Nasal

Upper Facial

~~Foraminal~~ *Nasal*

Palatal

Orbital

Mean Porion Height

<i>—</i>

69.37
43.27

<i>86.71</i>

Post Cranial

Platymetric

Platycnemic

Radio-Humeral

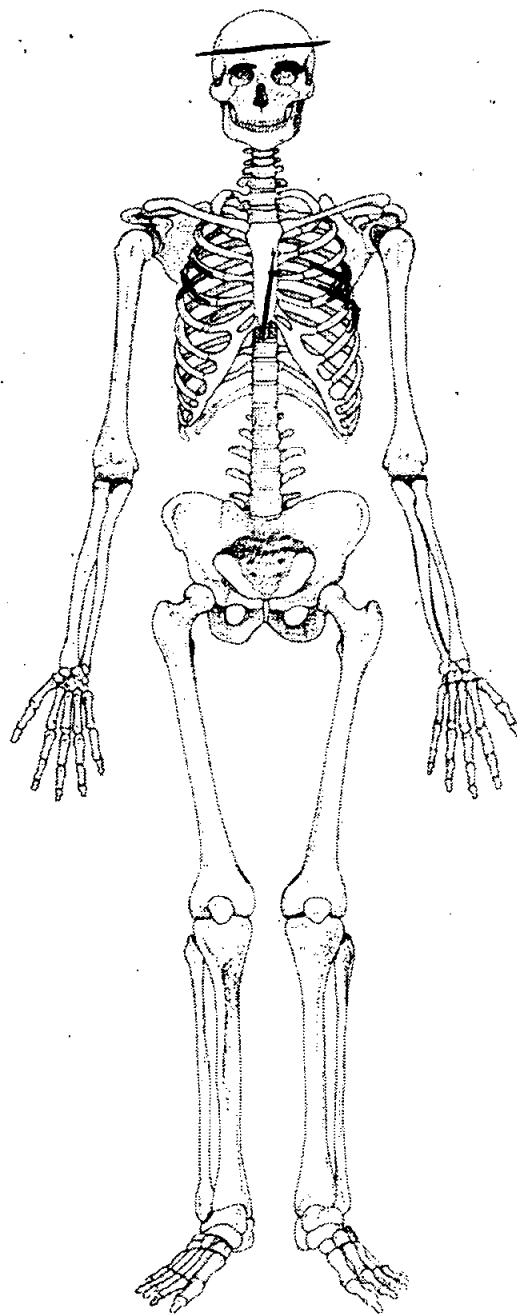
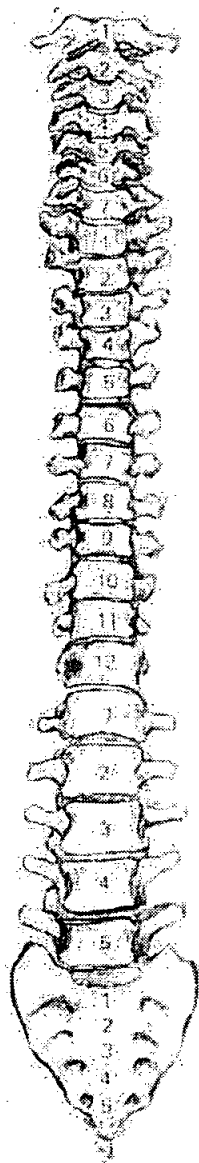
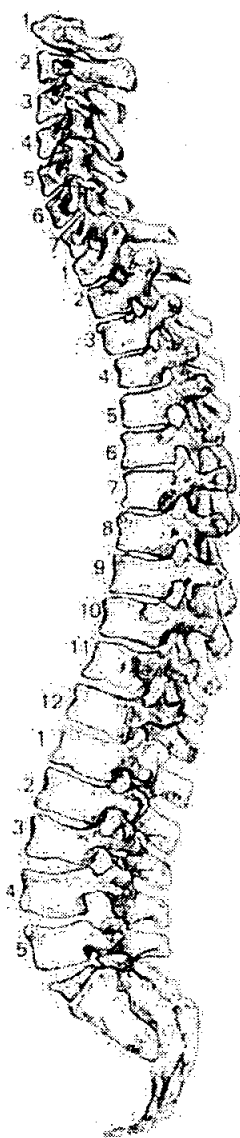
Robusticity

<i>—</i>
<i>—</i>
<i>—</i>
<i>—</i>

X

<i>—</i>
<i>—</i>
<i>—</i>
<i>—</i>

55. Pathological Distribution



56. Pathological Description

- * new bone formation on the visceral surface of 6 unisided rib fragments from the mid-chest region. The bone lesions are healed. = N.I.
- * Porosity present @ the orbital roofs. Left eye socket more affected than the right. Left: Grade 4, Right Grade 1. Lesions appear active. = Cribra orbitalia = Anaemia

* MEDICAL INTERVENTION:

A craniotomy has been performed. The skull cap has been removed, the calvarium has been completely sawn all the way round.

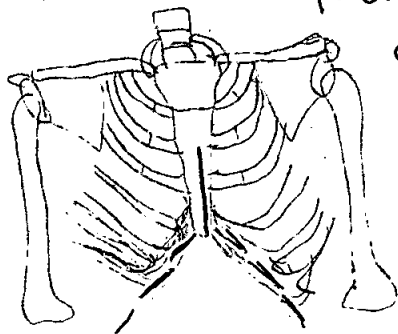
- * The Sternum has been sawn in the mid sagittal plane from inferior end to superior end. The cut does not extend to the manubrium but terminates @ between the articular facets number 2 & 3 on the left side. Here the bone has clearly been snapped off. → over see drawing on "further notes".

This post-mortem procedure was carried out ~~for~~ for the investigation of the internal organs (lungs? - due to rib lesions present?)

Unlike present day autopsy methods, since the sawing took place inferior \rightarrow superior aspect the Y incision was up-side down.

In other words: The costal cartilages of the rib cage were cut then the Sternum sawed see drawing \downarrow .

This type of inverted Y-incision has been observed on the autopsied bodies from the Franklin expedition of a comparable time period.



X = Not present

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
T11	OP PO SN EB	PO	PO	X	X	X	X	X	X	X	X
T12	OP PO SN EB	PO	PO	X				X			
L1	OP PO SN EB	PO OP	PO					X			
L2	OP PO SN EB	PO	PO OP					X			
L3	OP PO SN EB	PO OP	PO	OP	OP			OP	OP		
L4	OP PO SN EB	OP PO	PO	OP				OP			
L5	OP PO SN EB	PO OP	PO	OP					OP		

osteophytes are slight

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

Sternum
Anterior view



saw mark

1. Site Name

OLR00

2. Date of Record

08 02 01

3. Period

Pos - Med

4. Skeleton Number

989

5. Age

40+

6. Sex (tick one)

☒ Male

☐ Female

☐ Unidentified

Approx 18 years.

7. Stature

169.5 ± 2.99 cm

8. Preservation (tick one)

☐ Excellent

☐ Good

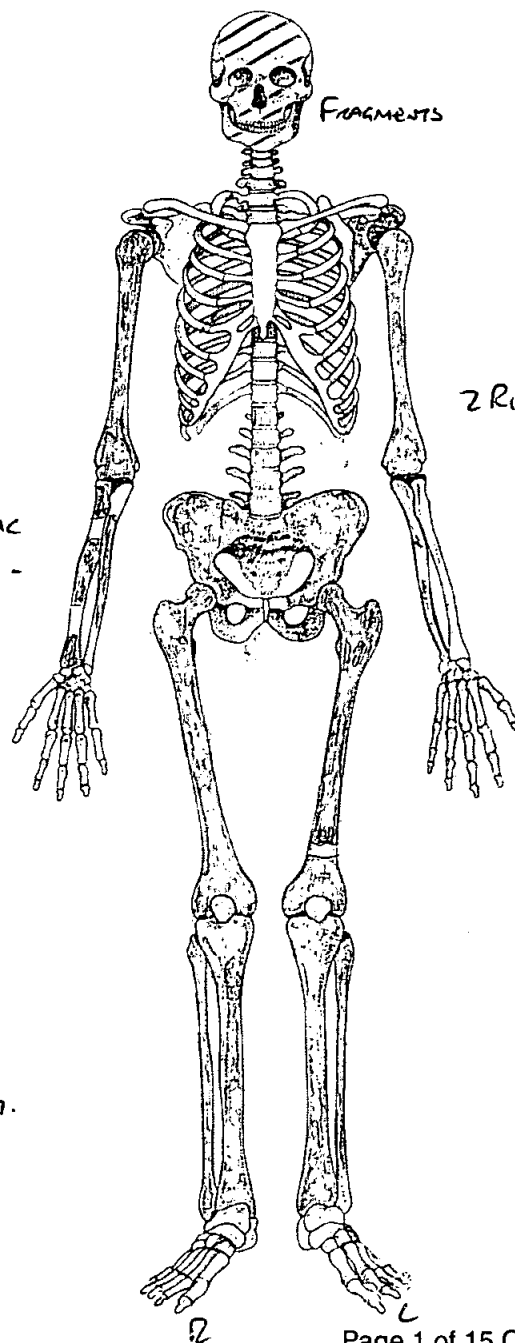
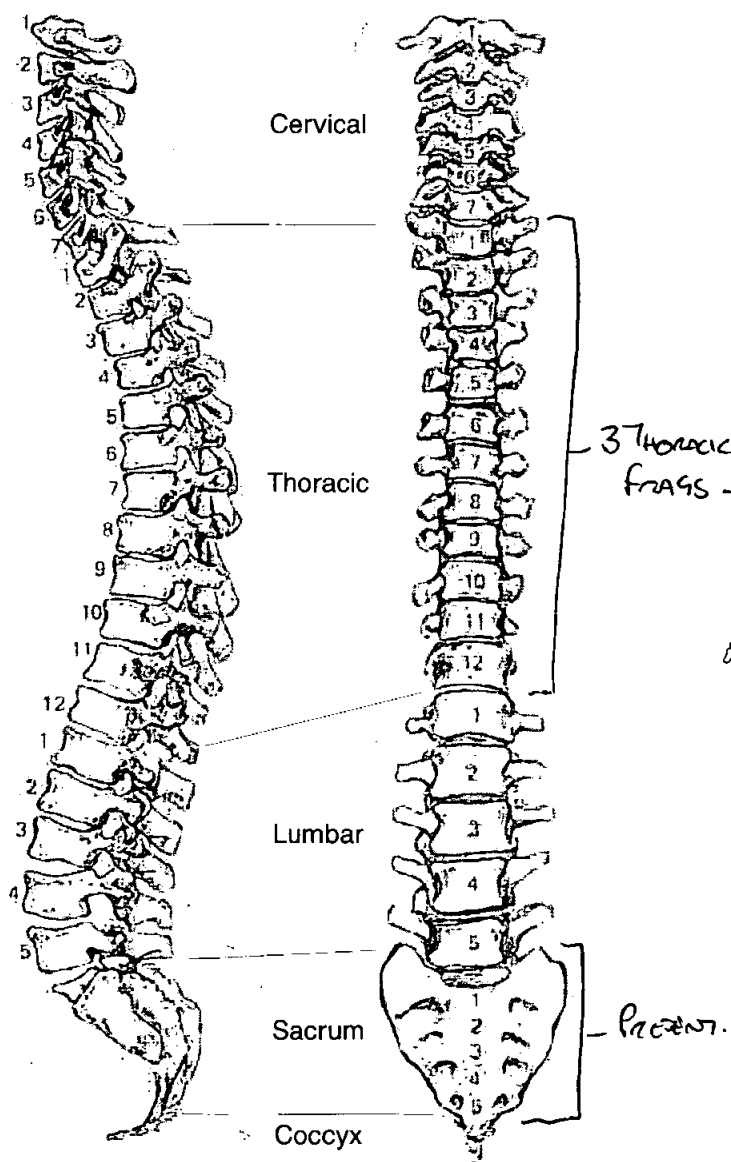
☒ Poor to

☒ Destroyed

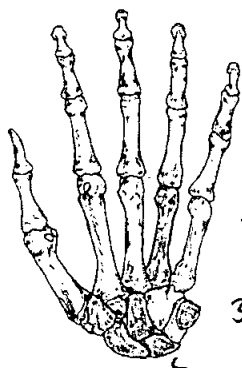
9. Summary of Pathological Conditions

No Pathology Detected

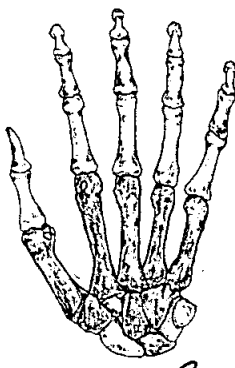
10. Diagram of Bones Present 1



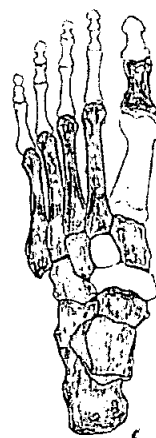
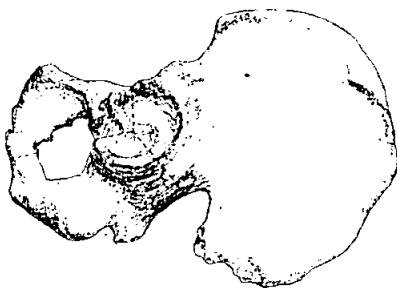
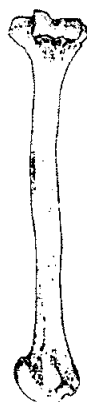
11. Diagram of Bones Present 2



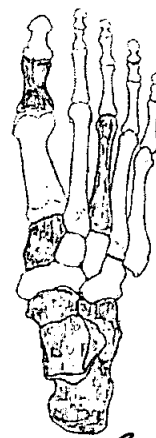
7 PROXIMAL
PHALANXES;
3 MIDDLE
PHALANXES.



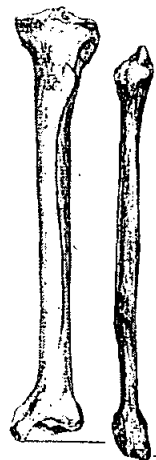
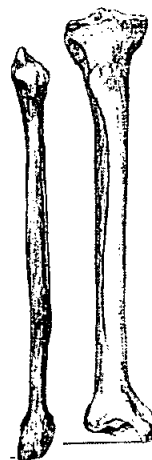
R



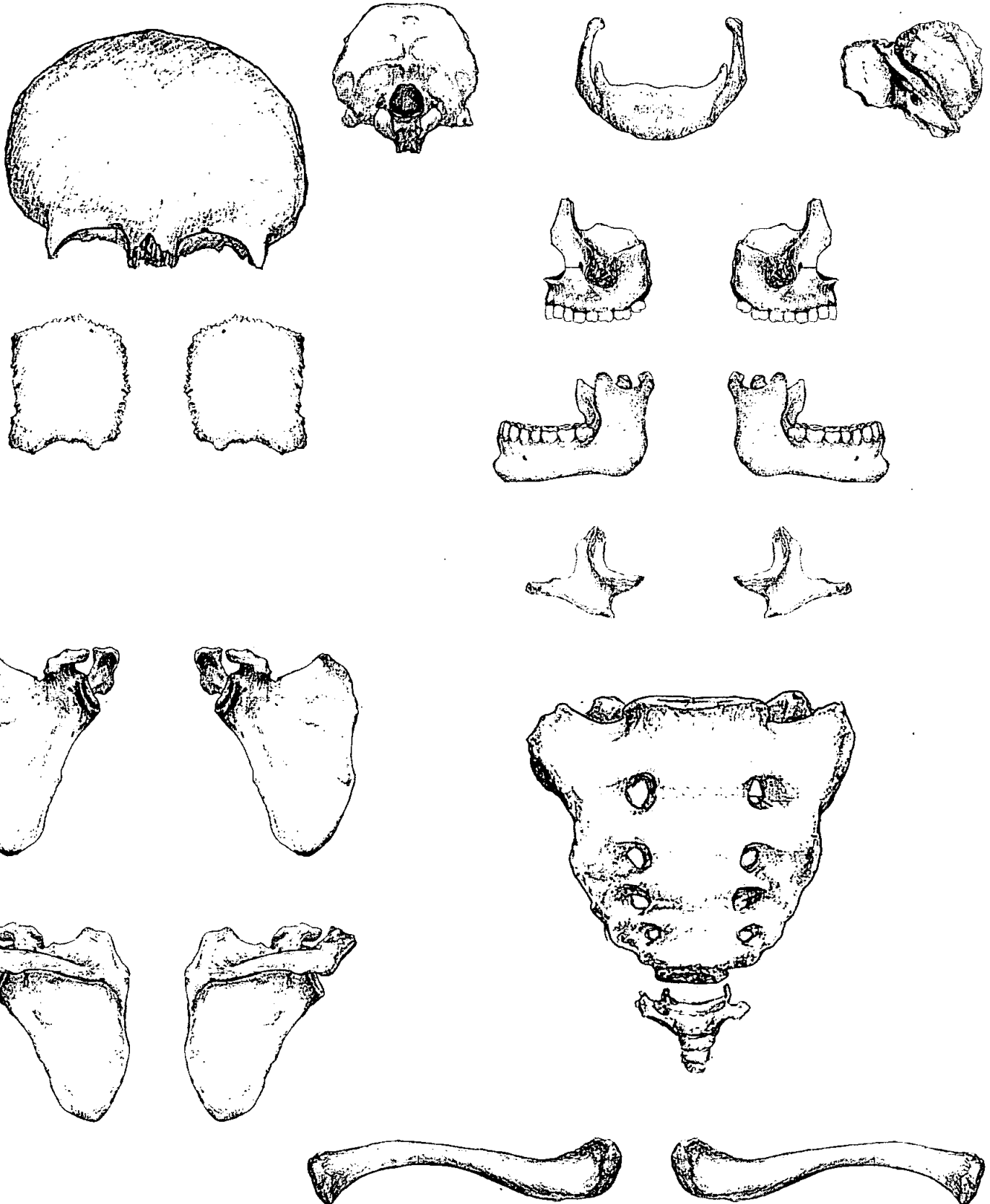
4 PROXIMAL
PHALANXES;
2 DISTAL
PHALANXES.



R



12. Diagram of Bones Present 3



Adult Age Estimation

13. Epiphyseal Fusion

Humeral Head Fused - C. 19-20 Years.

14. Dental Eruption and Development

CLAVICLE'S NOT RECOVERED

ONLY ONE M1 TOOTH SURVIVING

15. Dental Attrition

ONLY SURVIVING TOOTH IS BROKEN

16. Pubic Symphyses

AREA MISSING OS OS COFAE

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

NOT RECOVERED

18. Cranial Suture Closure

CRANIUM TOO FRAGMENTARY

19. Ilium Auricular Surface

STAGE VI - 45-49

20. Degenerative Joint Disease

VERTEBRAE NOT RECOVERED

21. Comments

AGED AS 18+ YEARS (ADULT) DUE TO LACK OF
AGE ESTIMATION DATA (POSSIBLY 45-49 ON
BASIS OF I.A.S.)

Sexing

Skull

22. Supraorbital Ridges

CRANIUM TOO FRAGMENTARY TO SEX WITH.

23. Mastoid Processes

24. Posterior Zygomatic Arch

25. Nuchal Crest/Occipital Protuberance

26. Anterior Mandible

27. Orbital Rims

Pelvis

28. Sciatic Notch

MALE

29. Subpubic Angle

AREA TOO ERODED ON OS COXA.

30. Subpubic Concavity

"

"

31. Ischio-Pubic Ramus

"

"

32. Ventral Arc

"

"

33. Preauricular Sulcus

MALE

34. Obturator Foramen

ARE TOO ERODED ON OS COXA.

35. Pelvic Brim

"

"

36. Acetabulum

MALE

37. Ilium Auricular Surface

MALE (?)

Sacrum

38. Segments

MALE (?)

39. Morphology

MALE

Sternum

NOT RECOVERED.

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
 R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
 - = Jaw Not Present

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

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

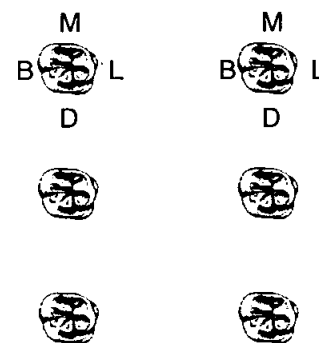
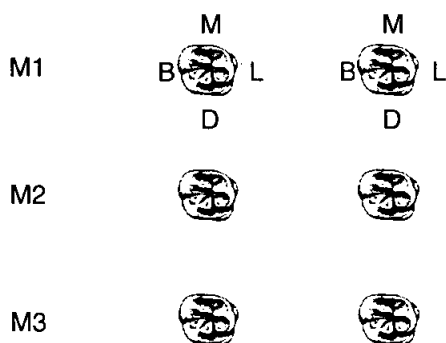
Left

Right

Maxilla

Left

Right



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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

45. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

46. Caries (Lukacs 1989)

Small Medium Large

Occlusal
Mesial
Distal
Buccal / Labial
Lingual
Multiple

47. Abscess

Internal Drain
External Drain

48. Dental Anomalies

.....
.....
.....
.....
.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L SI	R SI
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L INCOMPLETE	R INCOMPLETE
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L INCOMPLETE	R INCOMPLETE
Radius Head Diameter >23mm = ♂, <21mm = ♀	L INCOMPLETE	R Not Recovered.
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L INCOMPLETE	R Not Recovered
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L Not Recovered	R Not Recovered

50. Cranial Non-metrics — *DOE TO THE FRAGMENTARY AND INCOMPLETE NATURE OF THE CRANIUM NO CRANIAL NON-METRICS INVESTIGATED.*

Highest Nuchal Line	.....
Ossicle at Lambda	.....
Bregmatic Bone	.....
Access. Lesser Pal. For	.....
Palatine Torus	.....
Metopism	.....
Lambdoid Ossicle	.....
Coronal Ossicle	.....
Epipteric Bone	.....
Ossicle at Asterion	.....
Parietal Notch Bone	.....
Fronto-temporo Articulation	.....
Parietal Foramen	.....
Access Infraorb. For	.....
Zygomat. Facial. For	.....
Frontal. For	.....
Foramen of Huschke	.....
Auditory Torus	.....
Mandibular Torus	.....
Torus Maxillares	.....
Precondylar Tubercle	.....
Foramen Ovale	.....
Supra-Orbital Foramen	.....
Postcondylar facet	.....
Foramen Spinosum	.....
Posterior Cond. Canal	.....
Condylar Facet	.....
Mastoid Foramen	.....
Ant. Ethmoid Foramen	.....
Post. Ethmoid Foramen	.....
Anterior Condylar Canal	.....

Skeleton Recording Sheet
(Adult)

989

OLR 000

51. Humerus

	unsided	left	right
septal aperture	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
supra-conyloid process	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Scapula

supra-scapular foramen/notch	<input type="text"/>	<input type="text" value="A"/>	<input type="text"/>
acromial articular facet	<input type="text"/>	<input type="text" value="A"/>	<input type="text"/>

Atlas

facet form double/single	<input type="text"/>	<input type="text"/>	<input type="text"/>
lateral bridge	<input type="text"/>	<input type="text"/>	<input type="text"/>
posterior bridge	<input type="text"/>	<input type="text"/>	<input type="text"/>
transverse foramen biparite	<input type="text"/>	<input type="text"/>	<input type="text"/>

Pelvis

accessory facets	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
------------------	----------------------	--------------------------------	--------------------------------

Spine

accessory facets	<input type="text" value="A"/>	<input type="text"/>	<input type="text"/>
spina bifida occulta	<input type="text" value="A"/>	<input type="text"/>	<input type="text"/>

Femur

allen's fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
polirier's facet	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
plaque	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
third trochanter	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
hypotrochanteric fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
exostosis in trochanteric fossa	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>

Patella

vastus notch	<input type="text"/>	<input type="text"/>	<input type="text"/>
vastus fossa	<input type="text"/>	<input type="text"/>	<input type="text"/>
emarginate patella	<input type="text"/>	<input type="text"/>	<input type="text"/>

Tibia

facet form double	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="A"/>
facet form single	<input type="text"/>	<input type="text" value="✓"/>	<input type="text" value="✓"/>

Calcaneus — BOTH CALCANEI ARE TOO ERoded

facet form double	<input type="text"/>	<input type="text"/>	<input type="text"/>
facet form single	<input type="text"/>	<input type="text"/>	<input type="text"/>

985
OLRpp

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEI Bicond Width

incomplete

29
35
51

incomplete

453

28
35
51

incomplete

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

361
75
25
28

364
75
23
31

Fibula

FiL1 Max. L

359

incomplete

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

incomplete
incomplete

228
incomplete

Radius

RaL1 Max. L

Non Recovered

incomplete

Ulna

UiL1 Max. L

incomplete

incomplete

Clavicle

CiL1 Max. L

Non Recovered

Non Recovered

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

incomplete
incomplete

Not Recovered
Not Recovered

Atlas - Not Recovered

Max. Internal width

Sternum - Not Recovered

SL Max. L. Body
ML max. L. Manbrium

Sacrum

SacL Max. L
SacB Max. B

incomplete
incomplete

Indices

Cranial

Height/Length
Height/Breadth

Nasal

Upper Facial
Foraminal Nasal
Palatal
Orbital
Mean Porion Height

Post Cranial

Platymetric
Platycnemic
Radio-Humeral
Robusticity

82.86
112
—

80
134.78
—

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB										
C7	OP PO SN EB										
T1	OP PO SN EB										
T2	OP PO SN EB										
T3	OP PO SN EB										
T4	OP PO SN EB										
T5	OP PO SN EB										
T6	OP PO SN EB										
T7	OP PO SN EB										
T8	OP PO SN EB										
T9	OP PO SN EB										
T10	OP PO SN EB										
T11	OP PO SN EB										
T12	OP PO SN EB										
L1	OP PO SN EB										
L2	OP PO SN EB										
L3	OP PO SN EB										
L4	OP PO SN EB										
L5	OP PO SN EB										

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

NO CRANIAL/MANDIBULAR METRIC DATA ATTEMPTED DUE TO THE FRAGMENTARY/
INCOMPLETE NATURE OF THE CRANIUM (RE: PAGE 16).

BONES IN A VERY POOR STATE OF PRESERVATION.

990

1. Site Name

OLR 00

2. Date of Record

94 02 01

3. Period

P-M

4. Skeleton Number

990

5. Age

+60

6. Sex (tick one)

☐ Male

☒ Female

☐ Unidentified

7. Stature

No complete long bones present

8. Preservation (tick one)

☐ Excellent

☐ Good

☒ Poor

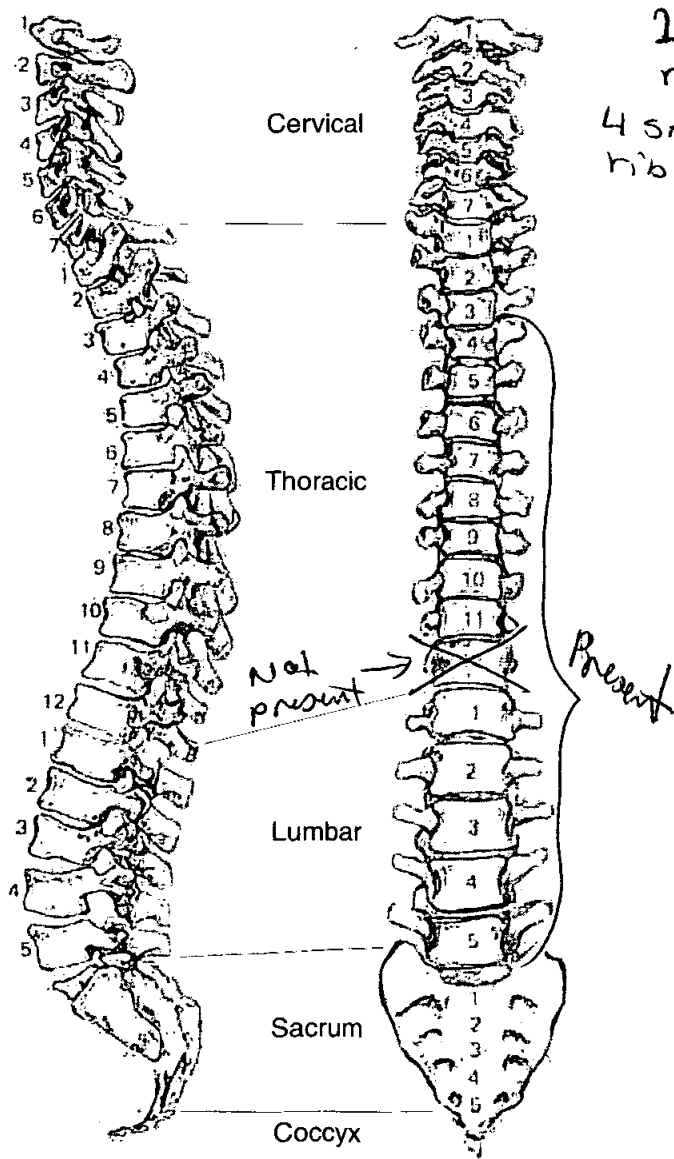
☐ Destroyed

9. Summary of Pathological Conditions

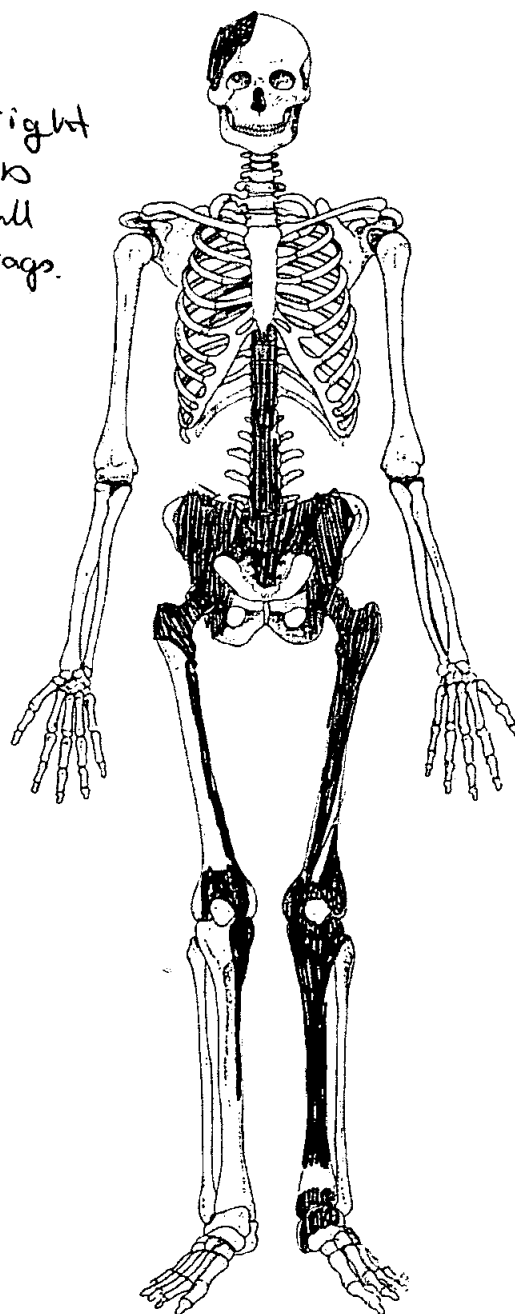
* Healed Pickets

* OA of L5

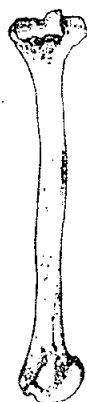
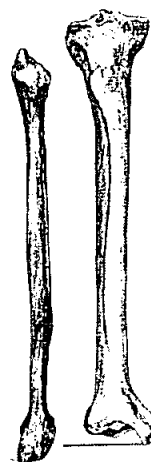
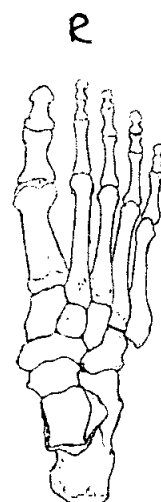
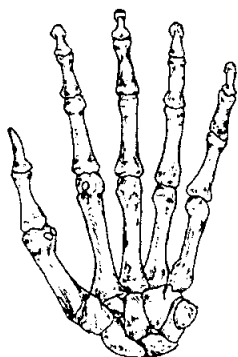
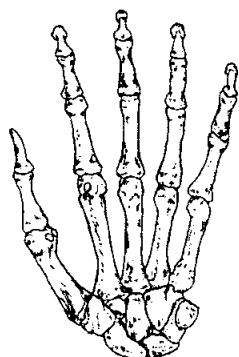
10. Diagram of Bones Present 1



2 right
rib
4 small
rib frags.



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

Fused (+28 yrs)

14. Dental Eruption and Development

15. Dental Attrition

NP

16. Pubic Symphyses

NP

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

NP

18. Cranial Suture Closure

Closed ~ 50+

19. Ilium Auricular Surface

60+

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

NP

23. Mastoid Processes

NP

24. Posterior Zygomatic Arch

NP

25. Nuchal Crest/Occipital Protuberance

NP

26. Anterior Mandible

NP

27. Orbital Rims

NP

Pelvis

28. Sciatic Notch

F

29. Subpubic Angle

NP

30. Subpubic Concavity

NP

31. Ischio-Pubic Ramus

NP

32. Ventral Arc

NP

33. Preauricular Sulcus

F

34. Obturator Foramen

NP

35. Pelvic Brim

NP

36. Acetabulum

F

37. Ilium Auricular Surface

F

Sacrum

38. Segments

NP

39. Morphology



Sternum

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 40.3	R 41.2
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L	R
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L	R
Radius Head Diameter >23mm = ♂, <21mm = ♀	L	R
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L	R
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L	R

50. Cranial Non-metrics =

Not present, cranial fragments
too eroded & dirty.

Highest Nuchal Line	.....
Ossicle at Lambda	.....
Bregmatic Bone	.....
Access. Lesser Pal. For	.....
Palatine Torus	.....
Metopism	.....
Lambdoid Ossicle	.....
Coronal Ossicle	.....
Epipteric Bone	.....
Ossicle at Asterion	.....
Parietal Notch Bone	.....
Fronto-temporo Articulation	.....
Parietal Foramen	.....
Access Infraorb. For	.....
Zygomat. Facial. For	.....
Frontal. For	.....
Foramen of Huschke	.....
Auditory Torus	.....
Mandibular Torus	.....
Torus Maxillares	.....
Precondylar Tubercle	.....
Foramen Ovale	.....
Supra-Orbital Foramen	.....
Postcondylar facet	.....
Foramen Spinosum	.....
Posterior Cond. Canal	.....
Condylar Facet	.....
Mastoid Foramen	.....
Ant. Ethmoid Foramen	.....
Post. Ethmoid Foramen	.....
Anterior Condylar Canal	.....

Skeleton Recording Sheet
(Adult)

OLR 990

51. Humerus — Not Present

unsided

left

right

sepal aperture

supra-conyloid process

Scapula

supra-scapular foramen/notch
acromial articular facet

Atlas

facet form double/single
lateral bridge
posterior bridge
transverse foramen biparite

Pelvis

accessory facets

--

A

A

Sacrum

accessory facets
spina bifida occulta

A

A

A

Femur

allen's fossa
polirier's facet
plaque
third trochanter
hypotrochanteric fossa
exostois in trochanteric fossa

A
A
A
A
A
P

A
A
A
A
NP
NP

Patella

vastus notch
vastus fossa
emarginate patella

NI

Tibia

facet form double
facet form single

Calcaneus

facet form double
facet form single

P
A

NP
NP

OLR 990

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEI Bicond Width

X
X
29.2
39.9
40.3

X
X
X
X
41.2

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

—
—
29.20
23.46

X
X
X
X

Fibula

FiL1 Max. L

—

—

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

X
X
X

X
X
X

Radius

RaL1 Max. L

X

X

Ulna

UiL1 Max. L

X

X

Clavicle

CiL1 Max. L

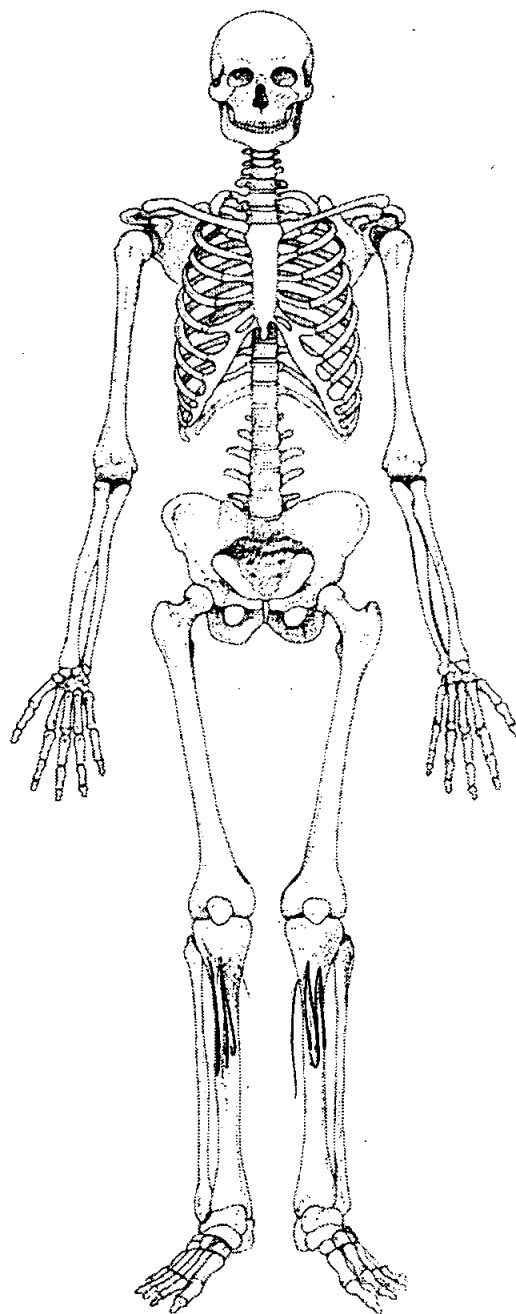
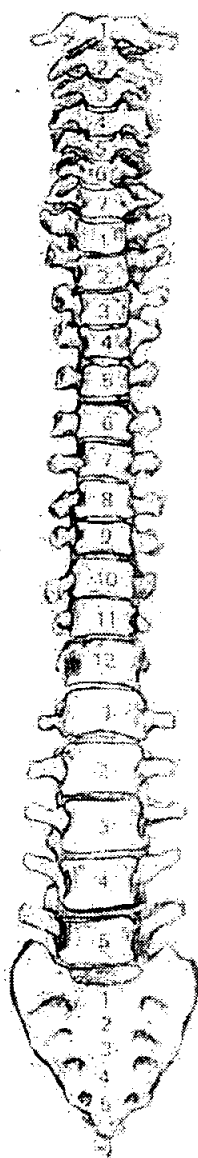
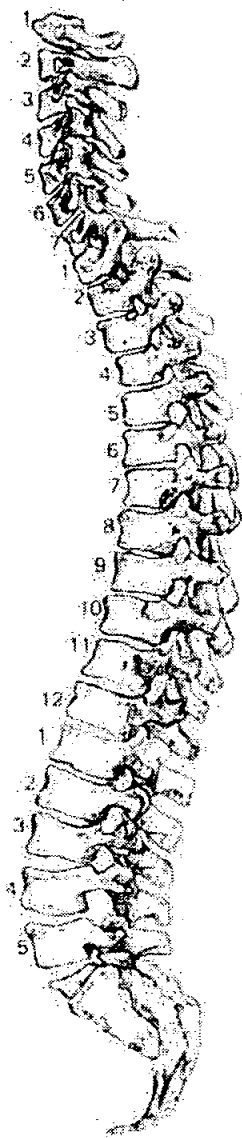
X

X

Indices ;
Platymetric ;
Platychemia ;

L	R
73.18	—
80.34	—

55. Pathological Distribution



56. Pathological Description

lateral bowing of the tibiae = Healed rickets.

X = Not present
No = Not observable

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
X	OP PO SN EB										
T4	OP PO SN EB		PO	PO	PO	X		PO	PO	X	
T5	OP PO SN EB	No	No		PO	X	PO	PO OP	PO	X	PO
T6	OP PO SN EB	No	PO	PO		X	PO	PO		X	PO
T7	OP PO SN EB	PO	PO OP			X	PO			X	PO
T8	OP PO SN EB	PO OP	PO OP			X				X	
T9	OP PO SN EB	PO OP	PO OP			X				X	
T10	OP PO SN EB	OP	OP			X	PO			X	PO
T11	OP PO SN EB	OP	OP		PO	X				X	PO
X	OP PO SN EB										
L1	OP PO SN EB	PO	PO								
L2	OP PO SN EB	PO	PO OP								
L3	OP PO SN EB	PO	PO OP								
L4	OP PO SN EB	PO	PO		OP				OP		
L5	OP PO SN EB	X	X	OP	OP			OP	OP PO EB		

osteophytes are slight on bodies.

991

1. Site Name OLR 00

2. Date of Record 02 01 01

3. Period

4. Skeleton Number 991

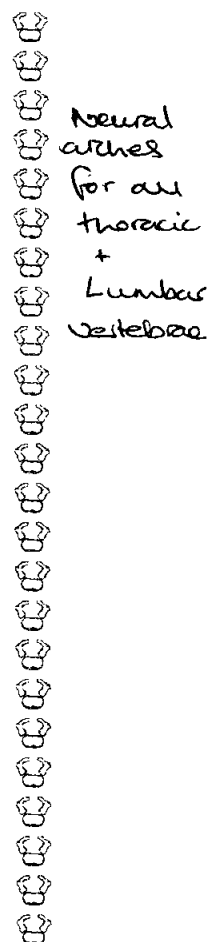
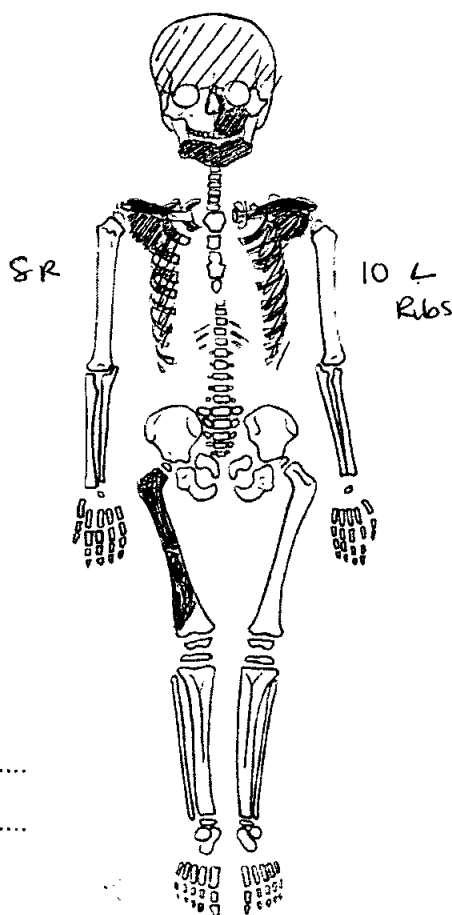
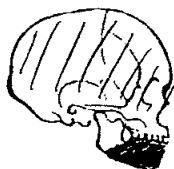
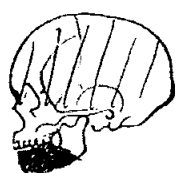
5. Age 6m ± 3 months

6. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor ☐ Destroyed

7. Summary of Pathological Conditions

Slight pitting ectocranial surface R & L
parietals + frontal (R not pres.) 2 parietal hyperostosis

Diagram of Bones Present 1



Juvenile Age Estimation

8. Epiphyseal union < 12 wths

9. Dental Development 6 months ± 3

Postcranial Measurements

10. Humerus Length

--

--

12. Ulna Length

--

--

14. Radius Length

--

--

16. Tibia Length

--

--

11. Femur Length

--

--

13. Ilium Length

--

--

15. Fibula Length

--

--

17. Comments No complete long bones present

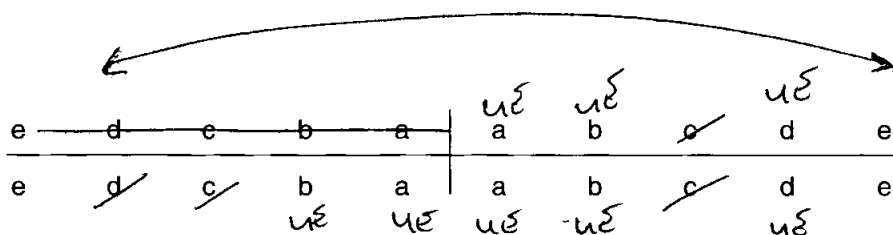
Dentition

18. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

19. Loose Teeth

Deciduous



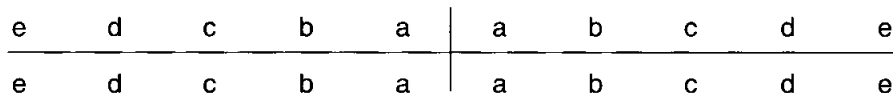
20. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

21. Dental Hypoplasia

P = Pit L = Line G = Groove

Deciduous



22. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

NO ORAL PATHOLOGY
OBSERVED

23. Periodontal Disease (Brothwell 1981)

S = Slight
M = medium
C = Considerable

24. Caries (Lukacs 1989)

Small Medium Large

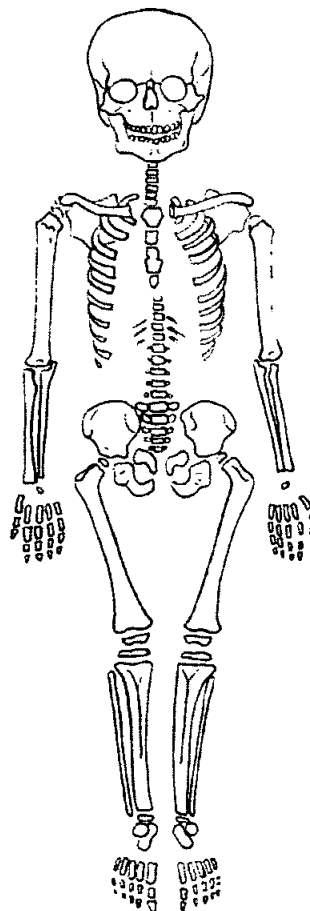
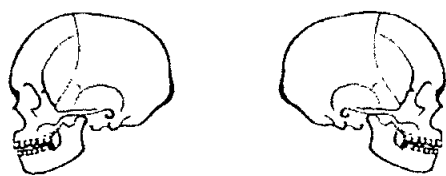
Occusal
Mesial
Distal
Buccal / Labial
Lingual
Multiple

25. Abscess

Internal Drain
External Drain

26. Dental Anomalies

27. Pathological distribution

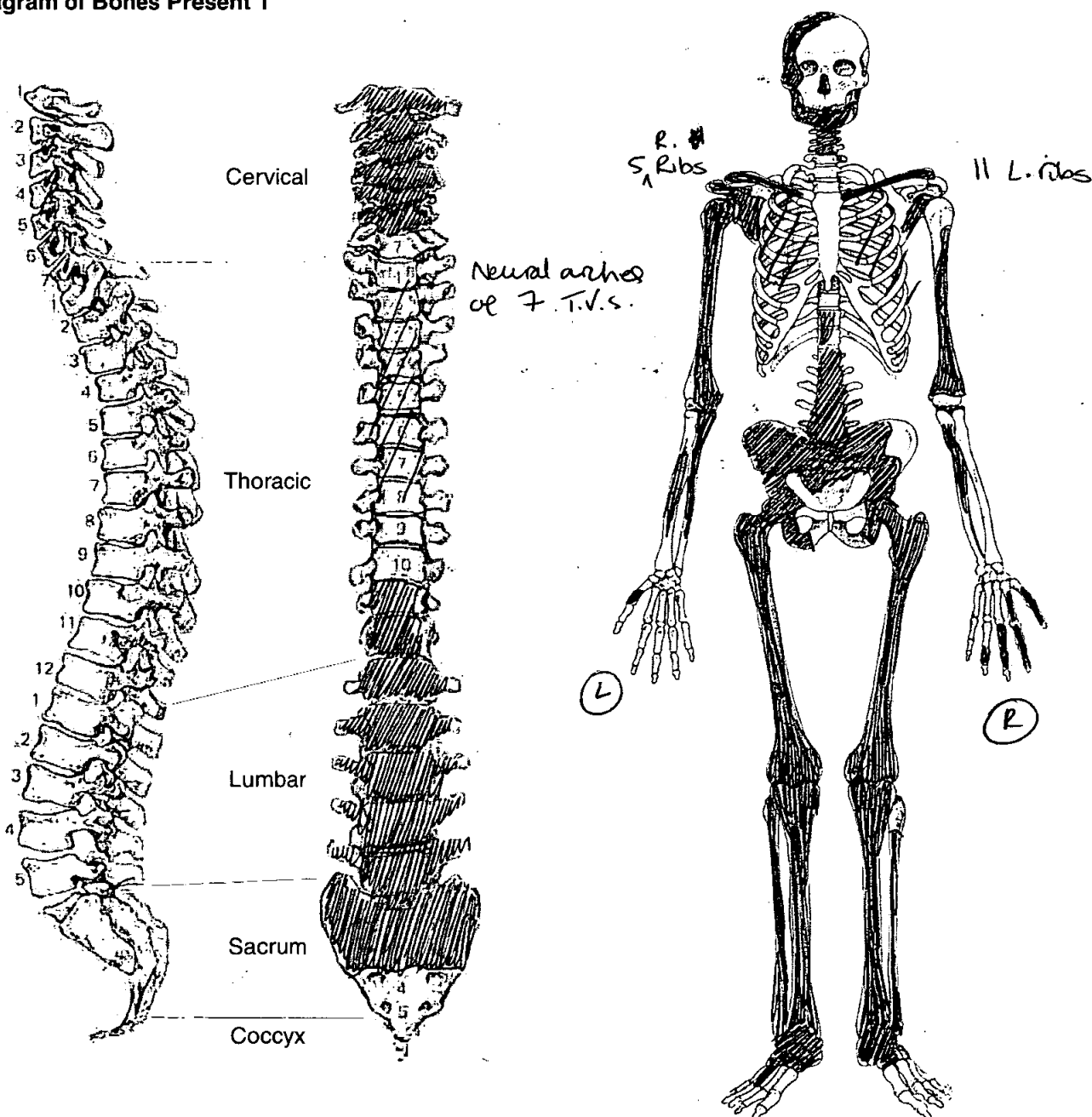


28. Pathological description

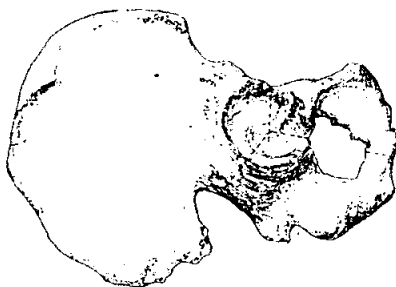
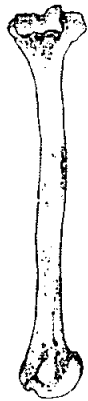
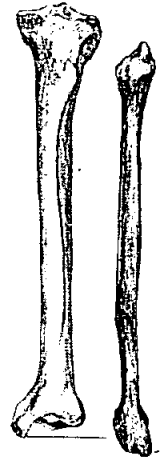
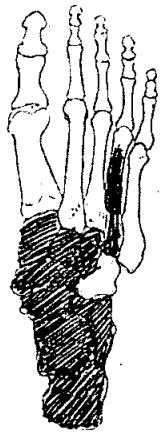
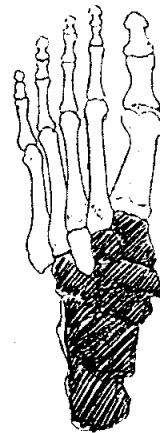
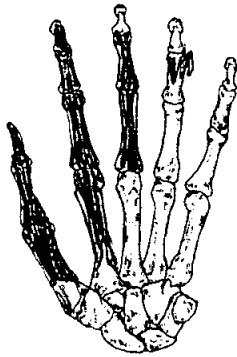
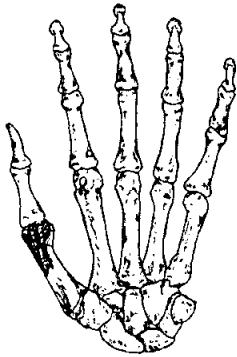
slight pitting R + L parietals
+ L frontal, ectocranial surface
? parietal hyperostosis, but no
thickening of bone, or cribra
orbitalia evident + poor
preservation (surface erosion)
makes differential diagnosis
difficult.

1. Site Name OLR 00
2. Date of Record 30 01 01
3. Period _____
4. Skeleton Number 994 5. Age 40-50
6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified
7. Stature 174.57 ± 2.99 cm
8. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor ☐ Destroyed
9. Summary of Pathological Conditions Slight SJD only

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion
14. Dental Eruption and Development
15. Dental Attrition
16. Pubic Symphyses
- a. Todd (♂ & ♀)
- b. McKern & Stewart (♂)
- c. Gilbert and McKern (♀)
- d. Suchey Brooks (♂ & ♀)

25-29⁺

18⁺

26-32

NP



17. Sternal End of Ribs

NP

18. Cranial Suture Closure

19. Ilium Auricular Surface

40-49

20. Degenerative Joint Disease

V. Slight changes in Vertebrae

21. Comments

Sexing

Skull

22. Supraorbital Ridges
23. Mastoid Processes
24. Posterior Zygomatic Arch
25. Nuchal Crest/Occipital Protuberance
26. Anterior Mandible
27. Orbital Rims

NP

Male

Male

NP

Male

NP

Pelvis

28. Sciatic Notch

Male

29. Subpubic Angle

NP

30. Subpubic Concavity

31. Ischio-Pubic Ramus

32. Ventral Arc

33. Preauricular Sulcus

Male

34. Obturator Foramen

Incomplete

35. Pelvic Brim

Male

36. Acetabulum

Male

37. Ilium Auricular Surface

Male

Sacrum

38. Segments

Male

39. Morphology

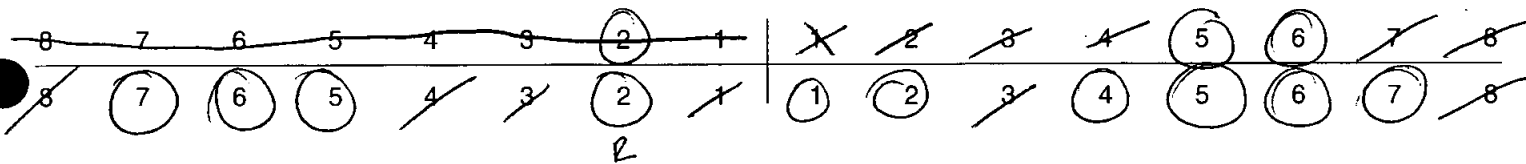
Incomplete

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present



41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

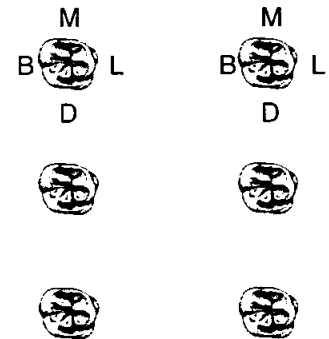
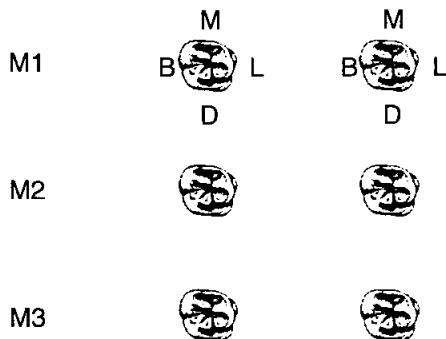
Left

Right

Maxilla

Left

Right



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L —	R 46.6
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 82.6	R 81
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R 46
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L —	R 29.6
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 131	R —

50. Cranial Non-metrics

Highest Nuchal Line	NP
Ossicle at Lambda	NP
Bregmatic Bone	A
Access. Lesser Pal. For	NP
Palatine Torus	NP
Metopism	A
Lambdoid Ossicle	R = A, L = NP
Coronal Ossicle	R + L = A
Epipteric Bone	R = A, L = NP
Ossicle at Asterion	NP
Parietal Notch Bone	R = P, L = NP
Fronto-temporo Articulation	R = A, L = NP
Parietal Foramen	R = P, L = NO
Access Infraorb. For	NP
Zygomat. Facial. For	R = Accessory, L = NP
Frontal. For	NP
Foramen of Huschke	R = A, L = NP
Auditory Torus	" "
Mandibular Torus	R + L = A
Torus Maxillares	NP
Precondylar Tubercle	NP
Foramen Ovale	R = A, L = NP
Supra-Orbital Foramen	NP
Postcondylar facet	NP
Foramen Spinosum	NP
Posterior Cond. Canal	NP
Condylar Facet	NP
Mastoid Foramen	NP
Ant. Ethmoid Foramen	NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	NP

Skeleton Recording Sheet
(Adult)

OLR00 994

51. Humerus

	unsided	left	right
sepal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		NP	A NP
acromial articular facet		NP	A

Atlas

facet form double /single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		A	A
spina bifida occulta		A	A

Femur

allen's fossa		NP	NP
polirier's facet		NP	NP
plaque		NP	NP
third trochanter		A	A
hypotrochanteric fossa		A	A
exostois in trochanteric fossa		A	A

Patella

vastus notch		NP	A
vastus fossa			
emarginate patella		↓	↓

Tibia

MEDIAL	facet form double	A	P
LATERAL	facet form single	A	A

Calcaneus

facet form double		P	P
facet form single		A	A

52.

left

right

unsided

Too damaged.

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)			
Orbital Length (O'2)			
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			
Max. Cranial Breadth (B)			
Min. Frontal Breadth (B')			
Basion Bregma height (H')			
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			
Nasal Height (NH')			
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			

OLR 994

Skeleton Recording Sheet (Adult)

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEI Bicond Width

476
28.5
32.2

478
29.3
30.7

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

380
37.8
25.4

377
37.5
23.6

Fibula

FiL1 Max. L

--

378

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

300

Radius

RaL1 Max. L

--

--

Ulna

UiL1 Max. L

--

--

Clavicle

CiL1 Max. L

--

--

54.

left

right

Scapula

GC2 Glen. Cav. L

GC2 Glen. Cav. B

Atlas

Max. Internal width

28.4

Sternum

SL Max. L. Body

ML max. L. Manbrium

Sacrum

SacL Max. L

SacB Max. B

Indices

Cranial

Height/Length

Height/Breadth

Nasal

Upper Facial

~~Foreminal~~ Nasal

Palatal

Orbital

Mean Porion Height

Post Cranial

Platymetric

Platycnemic

Radio-Humeral

Robusticity

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB	Shght	O.P.S	around	dens	Facet					
C2	OP PO SN EB										
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB										
C7	OP PO SN EB										
T1	OP PO SN EB										
T2	OP PO SN EB										
T3	OP PO SN EB										
T4	OP PO SN EB										
T5	OP PO SN EB										
T6	OP PO SN EB										
T7	OP PO SN EB										
T8	OP PO SN EB										
T9	OP PO SN EB										
T10	OP PO SN EB										
T11	OP PO SN EB		✓								
T12	OP PO SN EB		✓ V. small								
L1	OP PO SN EB										
L2	OP PO SN EB										
L3	OP PO SN EB										
L4	OP PO SN EB										
L5	OP PO SN EB										

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

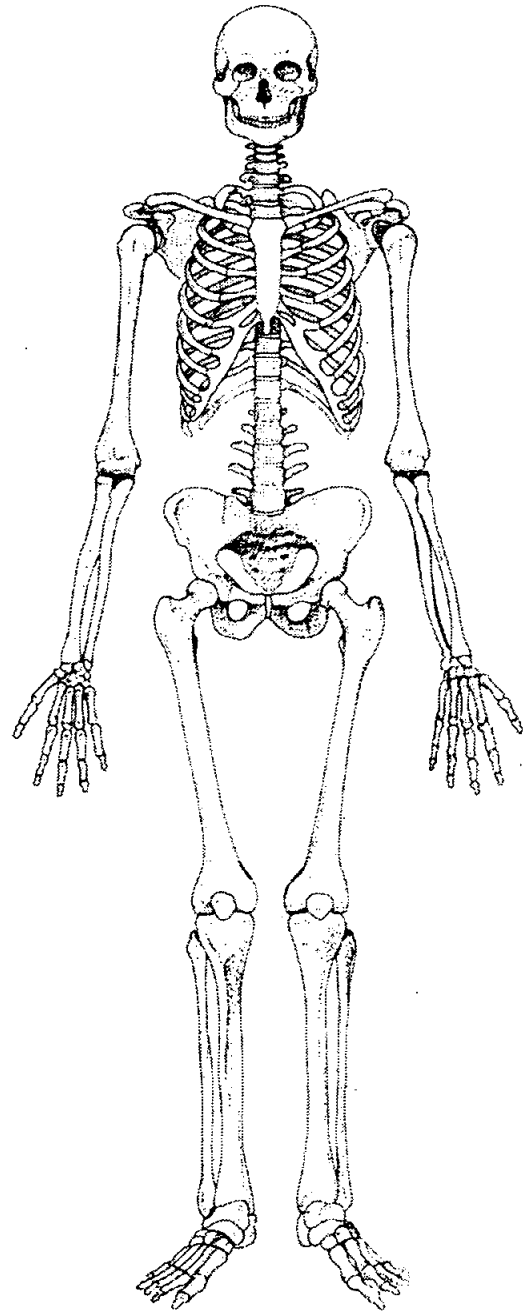
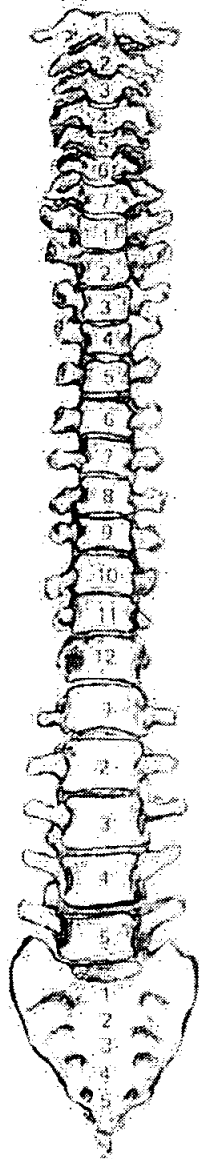
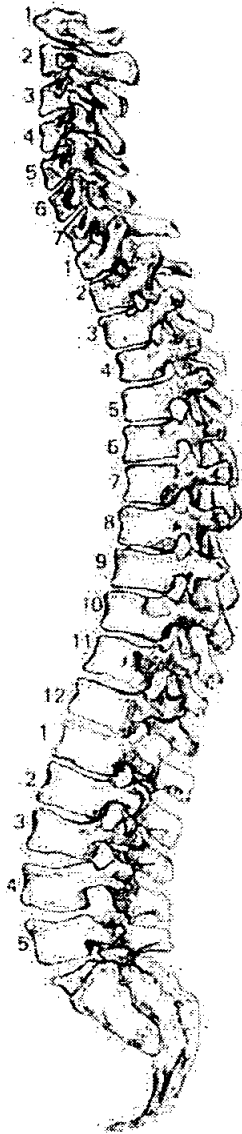
8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

55. Pathological Distribution

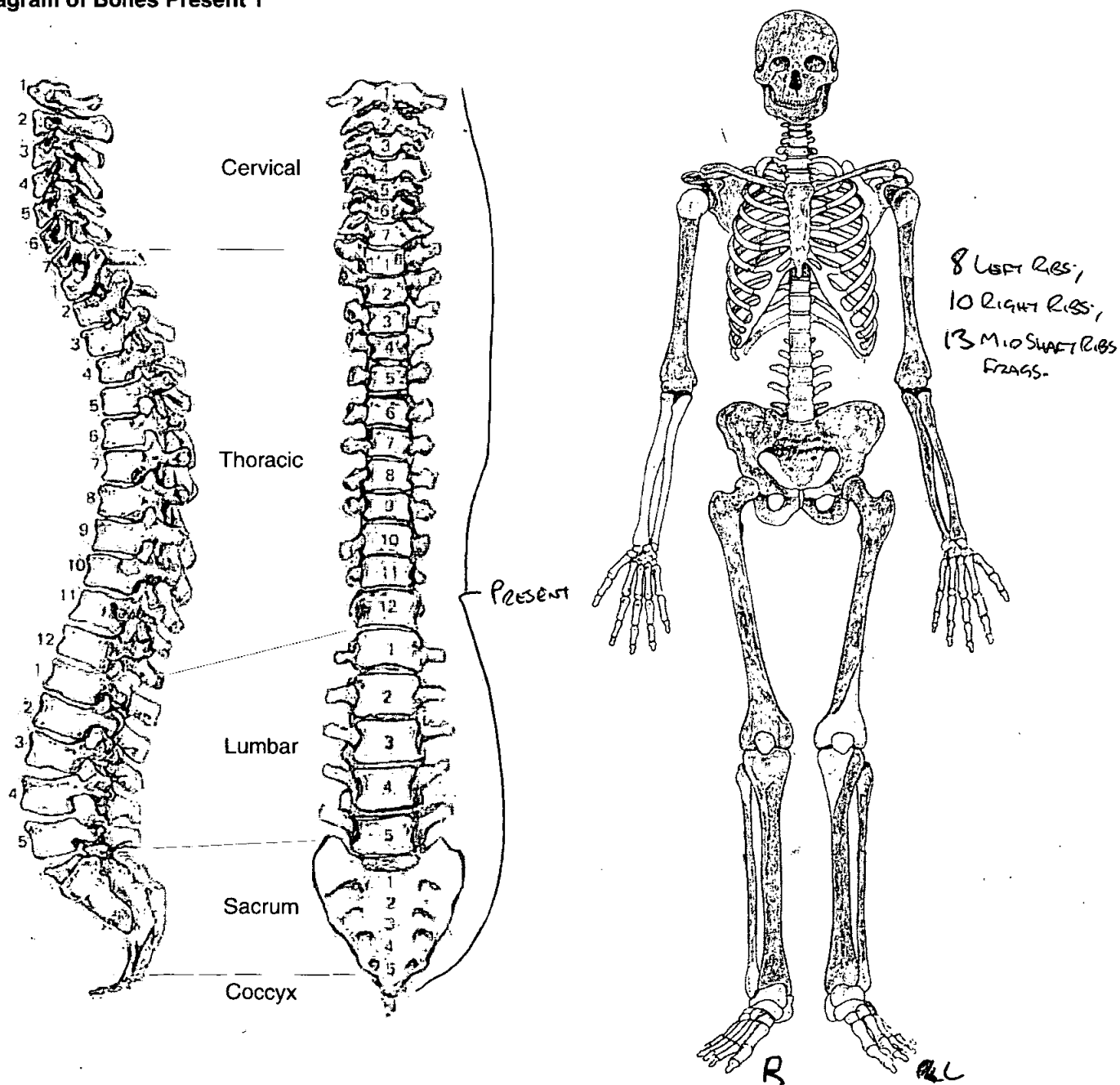


56. Pathological Description

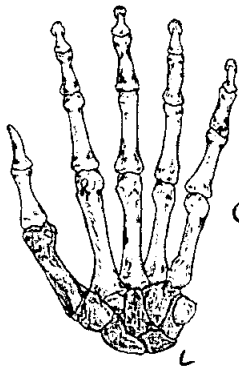
V. Skull S.D. only

1. Site Name OLR00
2. Date of Record 07 02 01
3. Period Post-Med
4. Skeleton Number 1008
5. Age 60+ years
6. Sex (tick one) ☒ Male ☐ Female ☐ Unidentified
7. Stature 162.09 ~~cm~~ ± 2.99 cm
8. Preservation (tick one) ☐ Excellent ☐ Good ☒ Poor ☐ Destroyed
9. Summary of Pathological Conditions DENTAL DISEASE; OSTEOPHYTES; SCHMORL'S NODULES;
OSTIFICATION OF COSTAL CARTILAGE; EUSOMATOSIS ON RIGHT
CLAVICLE.

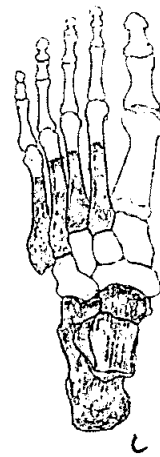
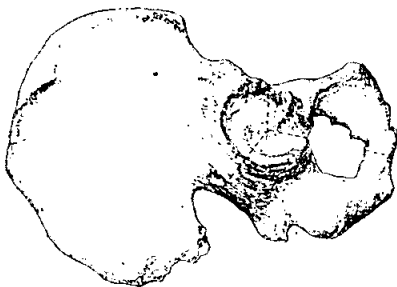
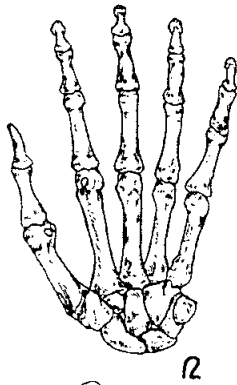
10. Diagram of Bones Present 1



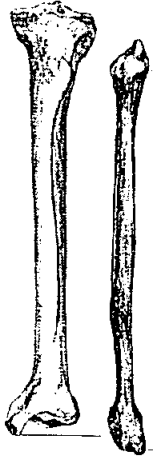
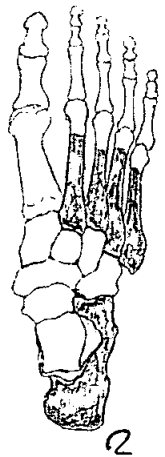
11. Diagram of Bones Present 2



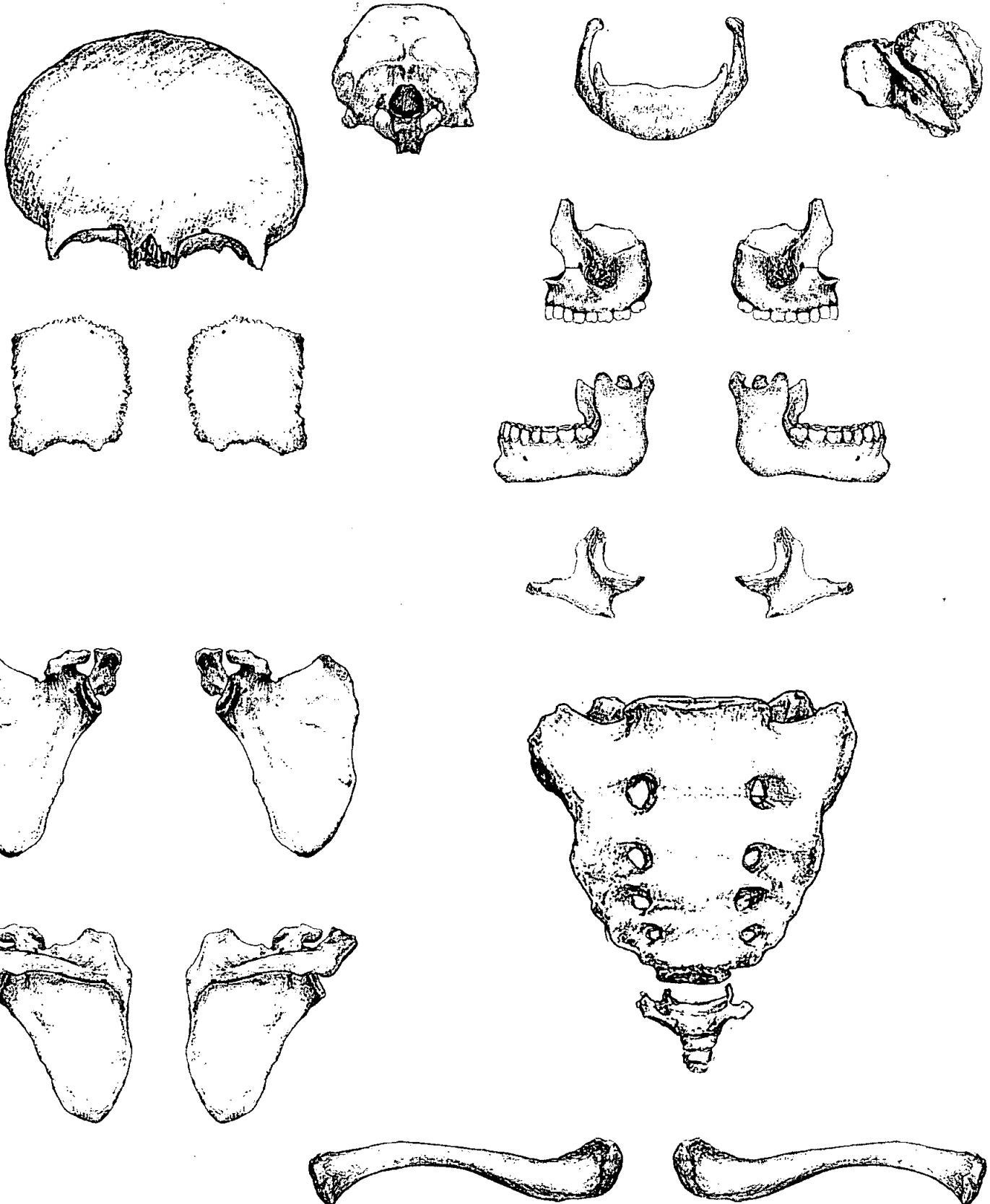
4 Proximal
Phalanges.



1 Proximal
Phalanx;
1 Middle
Phalanx



12. Diagram of Bones Present 3



Adult Age Estimation

13. Epiphyseal Fusion
14. Dental Eruption and Development
15. Dental Attrition
16. Pubic Symphyses
 - a. Todd (♂ & ♀)
 - b. McKern & Stewart (♂)
 - c. Gilbert and McKern (♀)
 - d. Suchey Brooks (♂ & ♀)

STERNAL ENDS OF CLAVICLES FUSED. C28+ YEARS.

M2S NOT ERUPTED. M2S ERUPTED C.12 YEARS.

LS - C.57+ YEARS.

17. Sternal End of Ribs
18. Cranial Suture Closure
19. Ilium Auricular Surface
20. Degenerative Joint Disease
21. Comments

RIGHT - STAGE VII - 49-73 YEARS
LEFT NOT RECOVERED
TOO DAMAGED

STAGE VIII - 60+ YEARS

INDIVIDUAL 60+ YEARS OF AGE.

Sexing

Skull

22. Supraorbital Ridges
23. Mastoid Processes
24. Posterior Zygomatic Arch
25. Nuchal Crest/Occipital Protuberance
26. Anterior Mandible
27. Orbital Rims

MALE

MALE.

MALE

MALE

MALE

MALE

Pelvis

28. Sciatic Notch

MALE

29. Subpubic Angle

AREA ON OS COXAEE NOT RECOVERED

30. Subpubic Concavity

"

"

31. Ischio-Pubic Ramus

"

"

32. Ventral Arc

"

"

33. Preauricular Sulcus

MALE

34. Obturator Foramen

AREA ON OS COXAEE NOT RECOVERED.

35. Pelvic Brim

MALE

36. Acetabulum

MALE

37. Ilium Auricular Surface

MALE

Sacrum

38. Segments

MALE

39. Morphology

MALE

Sternum

INCOMPLETE

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

<i>C</i>	<i>NP</i>																	
8	7	6	5	4	3	2	1	|	1	2	3	4	5	6	7	8	<i>NP</i>	
<i>NP</i>		<i>/</i>			<i>/</i>	<i>/</i>	<i>/</i>	|	<i>/</i>		<i>/</i>		<i>C</i>		<i>/</i>	8	<i>NP</i>	

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Left

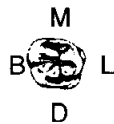
Right

Maxilla

Left

Right

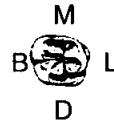
M1



M2



M3



43. Dental Hyoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

	A ME	A ME	A ME	A ME	A ME		A ME		A ME	A ME			A ME	A ME	
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
	ME		ME	ME		ME			ME		ME	ME	ME		
	A		A	A		A			A		A	A	A		

45. Periodontal Disease (Brothwell 1981)

S = Slight

M = medium

C = Considerable

ON ALL TEETH

46. Caries (Lukacs 1989)

Small

Medium

Large

Occlusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

.....

.....

.....

.....

.....

.....

47. Abscess

Internal Drain

External Drain

.....

.....

48. Dental Anomalies

.....

.....

.....

.....

.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L Incomplete	R 47
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L Incomplete	R Incomplete
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L Incomplete	R Incomplete
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 21	R Not Recovered
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L Not Recovered	R 27
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L Incomplete	R 139

50. Cranial Non-metrics

*A = Absent; NIP = Bone Not Present

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipteric Bone	A On Right; NIP On Left
Ossicle at Asterion	A
Parietal Notch Bone	A
Fronto-temporo Articulation	A
Parietal Foramen	A
Access Infraorb. For	A On Left; NIP On Right
Zygomat. Facial. For	NIP On Left + Right
Frontal. For	A
Foramen of Huschke	A
Auditory Torus	A
Mandibular Torus	A
Torus Maxillares	A
Precondylar Tubercle	A
Foramen Ovale	A
Supra-Orbital Foramen	A
Postcondylar facet	A
Foramen Spinosum	A
Posterior Cond. Canal	A
Condylar Facet	A
Mastoid Foramen	Single
Ant. Ethmoid Foramen	A
Post. Ethmoid Foramen	A
Anterior Condylar Canal	A

51. Humerus

	unsided	left	right
septal aperture	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
supra-conyloid process	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Scapula

supra-scapular foramen/notch	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
acromial articular facet	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Atlas

facet form double/single	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
lateral bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
posterior bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
transverse foramen biparite	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Pelvis

accessory facets	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
------------------	--------------------------	-------------------------------------	-------------------------------------

Sacrum

accessory facets	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
spina bifida occulta	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Femur

allen's fossa	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
polirier's facet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
plaque	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
third trochanter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
hypotrochanteric fossa	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
exostois in trochanteric fossa	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Patella - Bones Not Recovered

vastus notch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
vastus fossa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
emarginate patella	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tibia

facet form double	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
facet form single	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Calcaneus

facet form double	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
facet form single	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
+ Orbital Breadth (O'1)		Incomplete	
+ Orbital Length (O'2)		Incomplete	
Basion-Asterion Chord (091)			
Malar Height (MH)			174
+ Max. Cranial Length (L)			Incomplete
+ Max. Cranial Breadth (B)			Incomplete
+ Min. Frontal Breadth (B')			137
+ Basion Bregma height (H')			
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
+ Upper Facial Height (G'M)			104
Bimaxillary Breadth (GB)			
+ Bizygomatic Breadth (J)			Incomplete
+ Nasal Height (NH')			53
+ Nasal Breadth (NB)			25
Sup. Nasal Breadth (NB')			
+ Palatal Length (G'1)			45
+ Palatal Breadth (G'2)			35
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
+ Bicondylar Breadth WI			Incomplete
Foramen Ment. Breadth ZZ			
+ Symphyseal Height HI			25
Mandibular Angle MZ			
+ Bigonial Breadth OoGo			85
+ Max. Mandibular Length			128

OLR 96 1088

Skeleton Recording Sheet (Adult)

53.

left

right

Femur

FeL1 Max. L
FeL2 Obl. L
FeD1 A-P Subtroch DI
FeD2 M-L Subtroch DI
FeDs Max. DI Head
C Midshaft Circ.
FeEI Bicond Width

INCOMPLETE

INCOMPLETE
INCOMPLETE
INCOMPLETE

INCOMPLETE

427

30
29
47

INCOMPLETE

Tibia

TiL1 Max. L
TiB1 Bicond Width
TiD1 A-P DI. Nut. For
TiD2 M-L DI. Nut. For

INCOMPLETE

20
25

333

21
29

Fibula

FIL1 Max. L

INCOMPLETE

INCOMPLETE

Humerus

HuL1 Max. L
HuD5 Max. DI Head
HC Midshaft Circ

INCOMPLETE
INCOMPLETE

INCOMPLETE
INCOMPLETE

Radius

RaL1 Max. L

229

Not Recovered

Ulna

UiL1 Max. L

253

Not Recovered

Clavicle

CiL1 Max. L

INCOMPLETE

139

54.

left

right

Scapula

GC2 Glen. Cav. L

No recovered

43

GC2 Glen. Cav. B

No recovered

27

Atlas

Max. Internal width

27

Sternum

SL Max. L. Body

104

ML max. L. Manbrium

42

Sacrum

SacL Max. L

INCOMPLETE

SacB Max. B

106

Indices

Cranial

Height/Length

78.73

Height/Breadth

—

Nasal

Upper Facial

—

Foramina Nasal

47.17

Palatal

77.77

Orbital

—

Mean Porion Height

—

Post Cranial

Platymetric

—

103.45

Platycnemic

125

—

138.09

Radio-Humeral

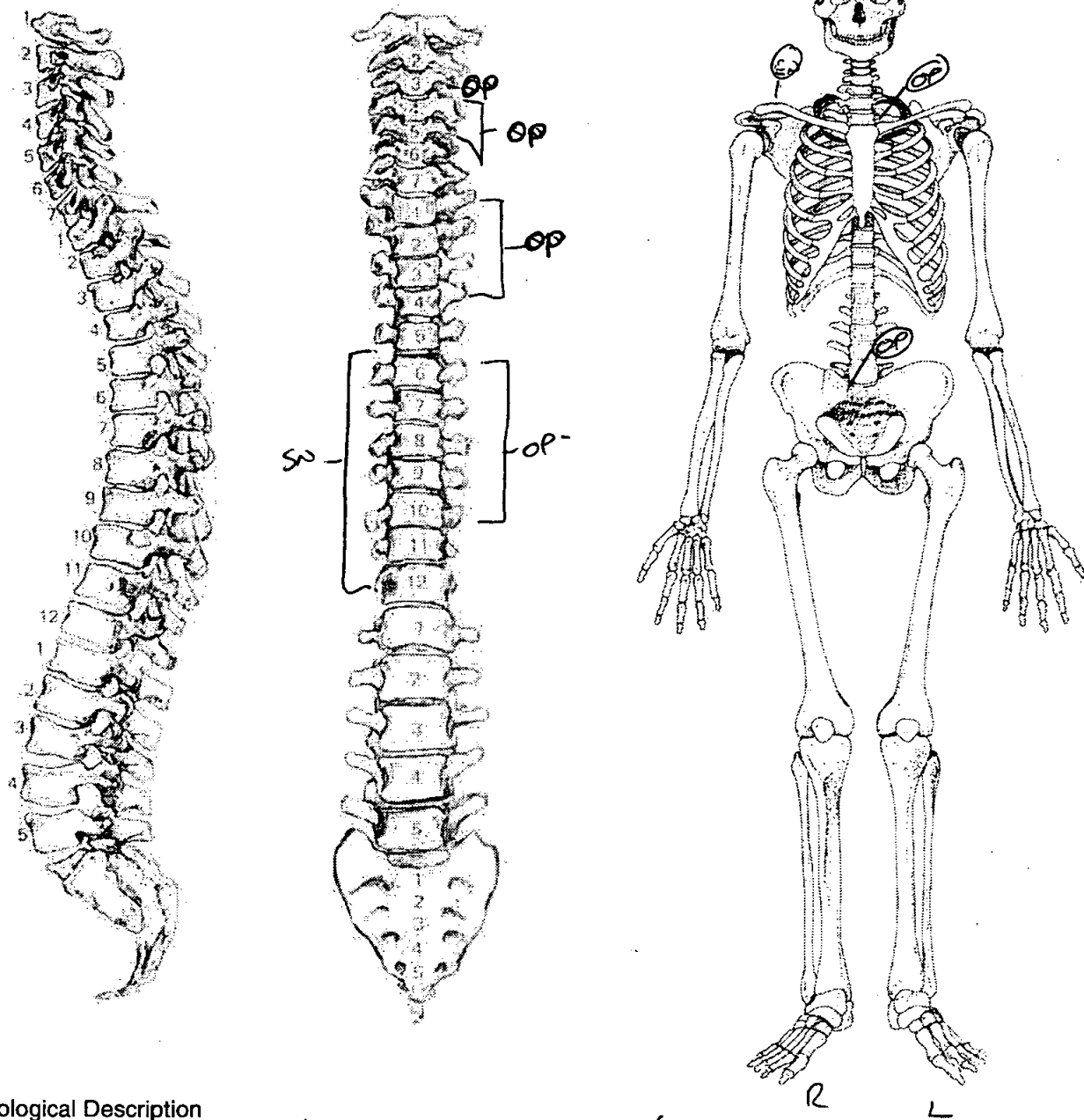
—

Robusticity

—

OLR 008
1008

55. Pathological Distribution



56. Pathological Description

- * OSTEOPHYTE FORMATION ON THE STERNA END OF THE LEFT CLAVICLE.
- * SLIGHT OSTEOPHYTE FORMATION UPON THE RIGHT ILIUM AURICULAR SURFACE.
- * OSSIFICATION OF COSTAL CARTILAGE ON 1ST RIB UPON BOTH LEFT + RIGHT SIDES.
- * OSTEOPHYTE FORMATION WAS FOUND UPON MANY VERTEBRAE. INCLUDING
SUPERIOR SURFACE OF: C4-C5; T1-T4; T7-T10.
INFERIOR SURFACE OF: C3-C5; T1-T4; T6-T9
RIGHT SUPERIOR PROCESS: T10.
- * SCHMORL'S NODES FOUND ON T6-T12.
- * TRAPEZIUS MUSCLE HAS AN ENTHESIS FORMED ON THE RIGHT CLAVICLE (POSTERIOR, LATERAL THIRD).

57. Spinal Joint Disease (for key and recording method see over)

		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB										
C2	OP PO SN EB										
C3	OP PO SN EB		OP								
C4	OP PO SN EB	OP	OP								
C5	OP PO SN EB	OP	OP								
C6	OP PO SN EB										
C7	OP PO SN EB										
T1	OP PO SN EB	OP	OP								
T2	OP PO SN EB	OP	OP								
T3	OP PO SN EB	OP	OP								
T4	OP PO SN EB	OP	OP								
T5	OP PO SN EB										
T6	OP PO SN EB		SN OP								
T7	OP PO SN EB	OP SN	OP SN								
T8	OP PO SN EB	OP SN	OP SN								
T9	OP PO SN EB	OP SN	OP SN								
T10	OP PO SN EB	OP SN	SN					OP			
T11	OP PO SN EB	SN	SN								
T12	OP PO SN EB	SN									
L1	OP PO SN EB										
L2	OP PO SN EB										
L3	OP PO SN EB										
L4	OP PO SN EB										
L5	OP PO SN EB										

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

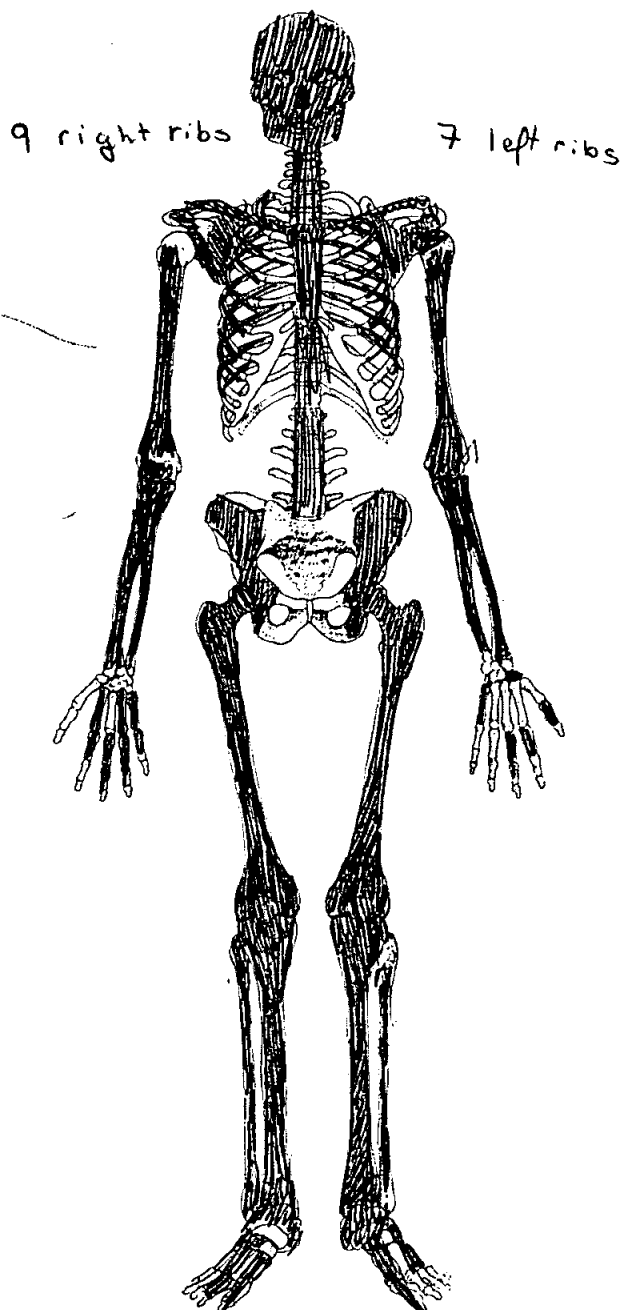
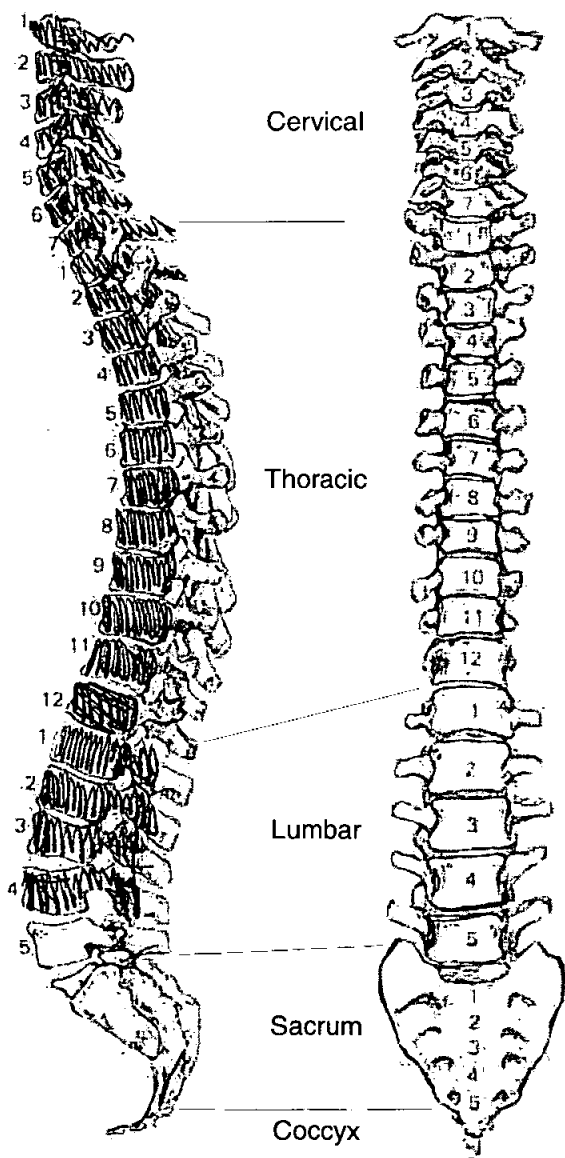
59. Further notes

*THE SURFACES OF MANY LONG BONES WERE SEVERELY ERoded; LIMITING THE
OBSERVANCE OF PATHOLOGIES.*

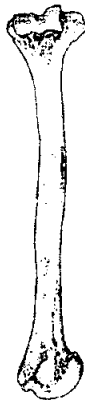
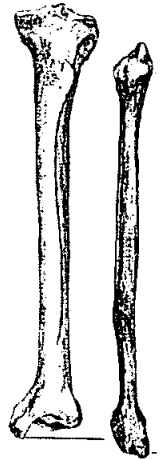
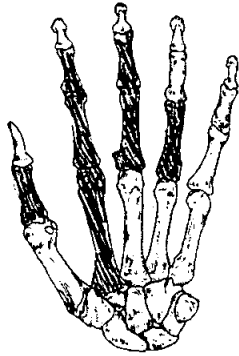
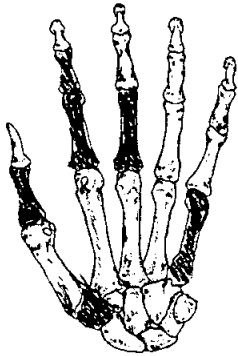
Skeleton Recording Sheet (Adult)

1. Site Name OLR 00
2. Date of Record 15 08 01
3. Period P-M
4. Skeleton Number 1009
5. Age 50+
6. Sex (tick one) ☒ Male ☒ Female?? ☐ Unidentified
Looks quite M but measurement mainly within female range.
7. Stature 157.84 ± 3.72 cm
8. Preservation (tick one) ☐ Excellent ☒ Good ☐ Poor ☐ Destroyed
9. Summary of Pathological Conditions DJD; acromioclavicular joint, left hip + both knees. Trauma; rib fracture, healed. osteoarthritis: left + right hands, right hip, R+L 1st MK, cervicals + lumbar. Spinal degenerative joint disease. Dental disease.

10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



Adult Age Estimation

13. Epiphyseal Fusion

Fused + 28 yrs

14. Dental Eruption and Development

15. Dental Attrition

No molars

16. Pubic Symphyses

Not present

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

Stage 6: 433 - 58.1

18. Cranial Suture Closure

32-50

19. Ilium Auricular Surface

50+

20. Degenerative Joint Disease

21. Comments

Sexing

Skull

22. Supraorbital Ridges

M

23. Mastoid Processes

M

24. Posterior Zygomatic Arch

F?

25. Nuchal Crest/Occipital Protuberance

F

26. Anterior Mandible

M?

27. Orbital Rims

F

Pelvis

28. Sciatic Notch

M?

29. Subpubic Angle

NP

30. Subpubic Concavity

NP

31. Ischio-Pubic Ramus

NP

32. Ventral Arc

NP

33. Preauricular Sulcus

F

34. Obturator Foramen

NP

35. Pelvic Brim

n

36. Acetabulum

M?

37. Ilium Auricular Surface

M?

Sacrum

38. Segments

39. Morphology

Sternum

Dentition

40. Permanent

/ = Lost PM X = Lost AM B = Broken C = Caries A = Abscess NP = Not Present
R = Root Only U = Unerupted E = Erupting PE = Partial Eruption PU = Pulp Exposed
- = Jaw Not Present

8	7	6	5	4	3	2	1	|	1	2	3	4	5	6	7	8
NP	A					2	1	|	1	2	3	4	5	6	7	NP

41. Bite

☐ Overbite ☐ Underbite ☐ Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

Left

Right

Left

Right

	M		M
M1	B L	B L	
	D	D	
M2			
M3			

	M		M
	B L	B L	
	D	D	
M2			
M3			

43. Dental Hypoplasia

P = Pit L = Line G = Groove

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

44. Calculus (Brothwell 1981)

Position

O = Occlusal
D = Distal
L = Lingual
B = Buccal
M = Mesial
A = All sides

Severity

F = Flecks
S = Slight
ME = Medium
H = Heavy

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
				MS		MS	MS	MS	MS						
							DS	DS							

45. Periodontal Disease (Brothwell 1981)

S = Slight

M = medium — on mandibular right pre molars

C = Considerable — on mandibular incisors

46. Caries (Lukacs 1989)

Small Medium Large

Occlusal

Mesial

Distal

Buccal / Labial

Lingual

Multiple

47. Abscess

Internal Drain

External Drain

71 - healed.

48. Dental Anomalies

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 42.9	R 44.5
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R 73.7
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 21.28	R 21.3
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L —	R 27.36
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L	R 120.72

A = Absent, P = Present, NP = Bone not present

50. Cranial Non-metrics

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	L = P, R = A
Palatine Torus	P - slight
Metopism	A
Lambdoid Ossicle	R + L = A
Coronal Ossicle	A
Epipteric Bone	R + L = A
Ossicle at Asterion	R + L = A
Parietal Notch Bone	R + L = A
Fronto-temporo Articulation	R + L = A
Parietal Foramen	R + L = P
Access Infraorb. For	R + L = A
Zygomat. Facial. For	L = 1, R = 1
Frontal. For	L + R = A
Foramen of Huschke	R + L = A
Auditory Torus	R + L = A
Mandibular Torus	R + L = A
Torus Maxillares	R + L = A
Precondylar Tubercle	A
Foramen Ovale	R + L = A
Supra-Orbital Foramen	L = A (Notch) R = P (Bridged)
Postcondylar facet	R + L = A
Foramen Spinosum	R + L = A
Posterior Cond. Canal	R + L = P
Condylar Facet	R + L = A (single)
Mastoid Foramen	R + L = A (sutural)
Ant. Ethmoid Foramen	R + L = NO - sutures obliterated
Post. Ethmoid Foramen	" " = " - " " "
Anterior Condylar Canal	L = P (double) R = A (single)

51. Humerus

	unsided	left	right
septal aperture		A	A
supra-conyloid process		A	A

Scapula

supra-scapular foramen/notch		P	P
acromial articular facet		A	NP

Atlas

facet form double /single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

accessory facets		A	A
------------------	--	---	---

Sacrum

accessory facets		NP	NP
spina bifida occulta		NP	NP

Femur

allen's fossa		A	A
polirier's facet		A	A
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostosis in trochanteric fossa		P	P

Patella

vastus notch		A	A
vastus fossa		A	A
emarginate patella		A	A

Tibia

med. sq. facet form double		A	A
Lat. sq. facet form single		A	A

Calcaneus

facet form double		P	P
facet form single		A	A

52.

left

right

unsided

Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	32.9	38.1	
Orbital Length (O'2)	34.6	34.3	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			183.5
Max. Cranial Breadth (B)			128
Min. Frontal Breadth (B')			96
Basion Bregma height (H')			129
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			61.3
Upper Facial Height (G'M)			102.3
Bimaxillary Breadth (GB)			102.3
Bizygomatic Breadth (J)			46.4
Nasal Height (NH')			46.4 23.3
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			47.6
Palatal Breadth (G'2)			33.5
Frontal Arc (S1)			
Parietal Arc (S2)			
Occipital Arc (S3)			
Frontal Chord (S'1)			
Parietal Chord (S'2)			
Occipital Chord (S'3)			
Foraminal Length (F2)			
Foraminal Breadth (F3)			
Bi-dacryonic Arc (DA)			
Bi-dacryonic Chord (DC)			
Max. Horiz. Perim (U)			
Transverse Bipor. Arc (BQ)			

Mandibular Metrics

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			24.2
Mandibular Angle MZ			
Bigonial Breadth OoGo			99
Max. Mandibular Length			71.5

53.

left

right

Femur

FeL1 Max. L	<input type="text" value="—"/>	<input type="text" value="420"/>
FeL2 Obl. L	<input type="text"/>	<input type="text"/>
FeD1 A-P Subtroch DI	<input type="text" value="28.64"/>	<input type="text" value="28.7"/>
FeD2 M-L Subtroch DI	<input type="text" value="31.5"/>	<input type="text" value="31.9"/>
FeDs Max. DI Head	<input type="text"/>	<input type="text"/>
C Midshaft Circ.	<input type="text"/>	<input type="text"/>
FeEI Bicond Width	<input type="text"/>	<input type="text"/>

Tibia

TiL1 Max. L	<input type="text" value="344"/>	<input type="text" value="—"/>
TiB1 Bicond Width	<input type="text" value="—"/>	<input type="text" value="66.94"/>
TiD1 A-P DI. Nut. For	<input type="text" value="31.82"/>	<input type="text" value="33.20"/>
TiD2 M-L DI. Nut. For	<input type="text" value="24.10"/>	<input type="text" value="24.20"/>

Fibula

FiL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
-------------	--------------------------------	--------------------------------

Humerus

HuL1 Max. L	<input type="text" value="—"/>	<input type="text" value="—"/>
HuD5 Max. DI Head	<input type="text"/>	<input type="text"/>
HC Midshaft Circ	<input type="text"/>	<input type="text"/>

Radius

RaL1 Max. L	<input type="text" value="216"/>	<input type="text" value="215"/>
-------------	----------------------------------	----------------------------------

Ulna

UiL1 Max. L	<input type="text" value="229"/>	<input type="text" value="—"/>
-------------	----------------------------------	--------------------------------

Clavicle

CiL1 Max. L	<input type="text" value="—x"/>	<input type="text"/>
-------------	---------------------------------	----------------------

54.

left

right

Scapula

GC2 Glen. Cav. L
GC2 Glen. Cav. B

—
—

35.2

Atlas

Max. Internal width

--

24.9

--

Sternum

SL Max. L. Body
ML max. L. Manbrium

Sacrum

SacL Max. L
SacB Max. B

—

Indices

Cranial

Height/Length
Height/Breadth

70.30

100.78

Nasal

Upper Facial
~~Frontal~~ *Nasal*
Palatal
Orbital
Mean Porion Height

91.29

59.92

50.21

70.38

—

90.03

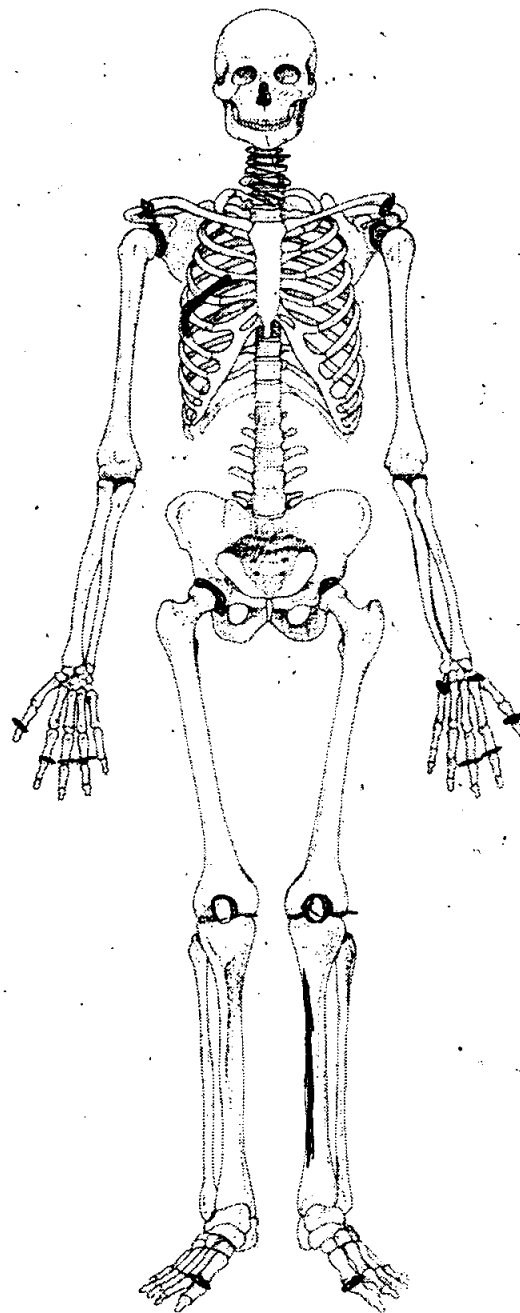
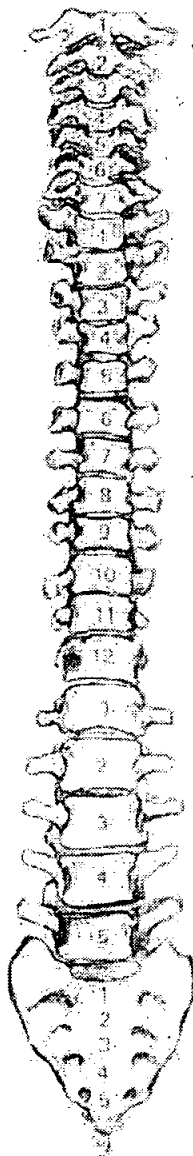
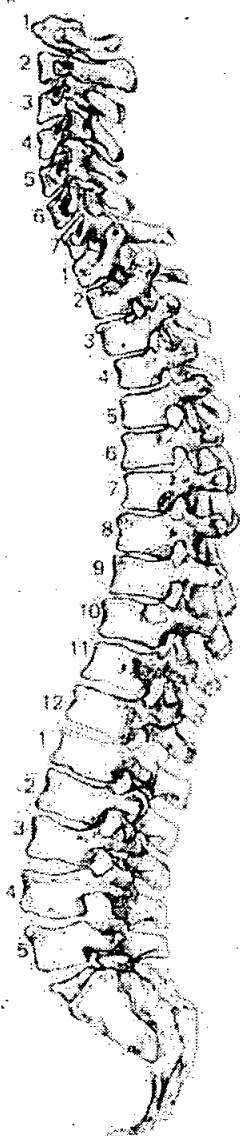
Post Cranial

Platymeric
Platycnemic
Radio-Humeral
Robusticity

90.92
75.74
—

89.97
72.89
—

55. Pathological Distribution



56. Pathological Description

- * Gross porosity of the acromio-clavicular joint.
- * Right + left glenoid fossa: slight osteophyte formation @ the edge of the fossa.
- * Left acetabulum: slight osteophyte formation at the edge of the rim.
- * Area of gross porosity Ø 10 mm @ the superio-anterior aspect of the articular surface.
- * Left distal femur: Slight osteophyte formation @ the edge of the condyles & patellar surface. The patella rim also slightly lipped.
- * Right femoral condyles & patella: Same as the left.
- * Trapezium, left articular facet for 1st Metacarpal. The normal surface morphology is completely destroyed. There is gross osteophyte formation, porosity & areas of eburnation.
- * Fifth left metacarpal: The articular facet to the 4th Mc is eburnated.
- * Proximal Interphalangeal joint (head of intermediate phalanx) of 1st metacarpal: Lateral side of head is eburnated & the edge is moderately lipped. Both left & right proximal phalanx.

→ ones

(proximal)

- * Fine phalanges ~~proximal~~ which are present from right & left hands, digits 2-3 (left) & 2-4 (right), ~~at distal end~~ ~~proximal~~ (proximal interphalangeal joints) Articular heads are eburnated slightly & slight osteophyte formations are present @ the rim of the joints. = OA
- * 3 ~~intermediate~~ phalanges present from R+L hands. Both proximal & distal articular surfaces are eburnated with very slight osteophyte formations. = OA
- * Right acetabulum: very slight osteophyte formations @ the edge of the rim. Inferio-posterior edge of the joint surface is slightly ~~porous~~ porous with area of eburnation present. Right head of femur, Inferio posterior margin is moderately lipped the posterior part of the head is eburnated. = OA
- * Left & right 1st Metatarsals: Heads are moderately lipped inferiorly & the antero-inferior side of the heads are eburnated. The osteoarthritic changes are slightly more pronounced on the left 1st Mt.
- * Trauma: Right rib in mid-chest region; Rib is fractured with slight inferior angulation of the anterior rib segment. Fracture is healed, remodelled & no sign of infection. = longstanding.
- * Left tibia - Medio-posterior border of the shaft has Periostitis; Lamellar bone = healed. Non-specific infection.

X = Not present

57. Spinal Joint Disease (for key and recording method see over)

		SB	IB	LSP	LIP	LTP	LCF	RSP	RIP	RTP	RCF	
		1	2	3	4	5	6	7	8	9	10	DENS FACE?
C1	OP PO SN EB	OP EB	OP EB									OP EB
C2	OP PO SN EB	OP EB	OP EB		OP EB				OP PO EB			DENS. OP EB
C3	OP PO SN EB	OP PO	OP PO	OP EB	OP EB			OP PO EB	OP PO EB			
C4	OP PO SN EB	OP PO	OP PO	OP EB	OP PO EB			PO OP	PO OP EB			
C5	OP PO SN EB	PO OP	PO OP	PO OP EB	PO OP EB			PO OP EB				
C6	OP PO SN EB	PO OP	PO OP	PO OP	OP				OP			
C7	OP PO SN EB	PO OP	PO OP	EB OP	PO OP			OP	OP EB			
T1	OP PO SN EB	OP PO	OP PO	OP PO	OP		OP	OP EB	OP		OP PO	
T2	OP PO SN EB	OP PO	OP PO	PO		X	OP PO	PO		X	OP PO	
T3	OP PO SN EB	OP	OP PO	X	X	X		X	X	X		
T4	OP PO SN EB	OP	OP PO	OP	X	X	PO OP	OP	X	X	PO OP	
T5	OP PO SN EB	OP PO	OP PO	X	X	X	PO	X	X	X	PO	
T6	OP PO SN EB	OP PO	OP PO SN	X	X	X	PO	X	X	X	PO	
T7	OP PO SN EB	OP PO	OP PO SN	X	X	X	PO	X	X	X		
T8	OP PO SN EB	OP PO	OP PO	X	X	X	PO	X	X	X	PO	
T9	OP PO SN EB	OP PO	OP PO	X	X	X	PO	X	X	X		
T10	OP PO SN EB	OP PO	OP PO	X	X	X	X	X	X	X	X	
T11	OP PO SN EB	OP PO	OP PO	X	X	X	X	X	X	X	X	
T12	OP PO SN EB	OP PO	OP PO	X	X	X	X	X	X	X	X	
L1	OP PO SN EB	PO OP	PO OP	X	X			X	X			
L2	OP PO SN EB	PO OP	PO OP	X	X			X	X			
L3	OP PO SN EB	PO OP	PO OP	X	OP			X	OP EB			
L4	OP PO SN EB	PO OP	PO OP	OP EB	OP EB			OP EB	OP EB			
L5	OP PO SN EB	X	X	X	X	X	X	X	X	X	X	

58. Spinal Joint Disease (key to previous table)

OP = OSTEOPHYTES

PO = POROSITY

SN = SCHMORL'S NODES

EB = EBURNATION

1 = SUP. BODY

2 = INF. BODY

LEFT: 3 = SUP. PROC

4 = INF. PROC

5 = TRANS. PROC

6 = COSTAL FACETS

RIGHT: 7 = SUP. PROC

8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

osteophytes on vertebral bodies are;
considerable on C3 - T1
T9 - 11 = Medium
slight elsewhere