

Islington, Old Street, St Lukes  
OLR00

Box 17 file 1

E. SYNTHESISED ENVIRONMENTAL DATA - <sup>Skeletons</sup> 513-619

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

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 skeletons 513-619</i>	<input checked="" type="checkbox"/>
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 

1	1	00
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3. Period NAIVE?

4. Skeleton Number 

5	1	3					
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 5. Age 

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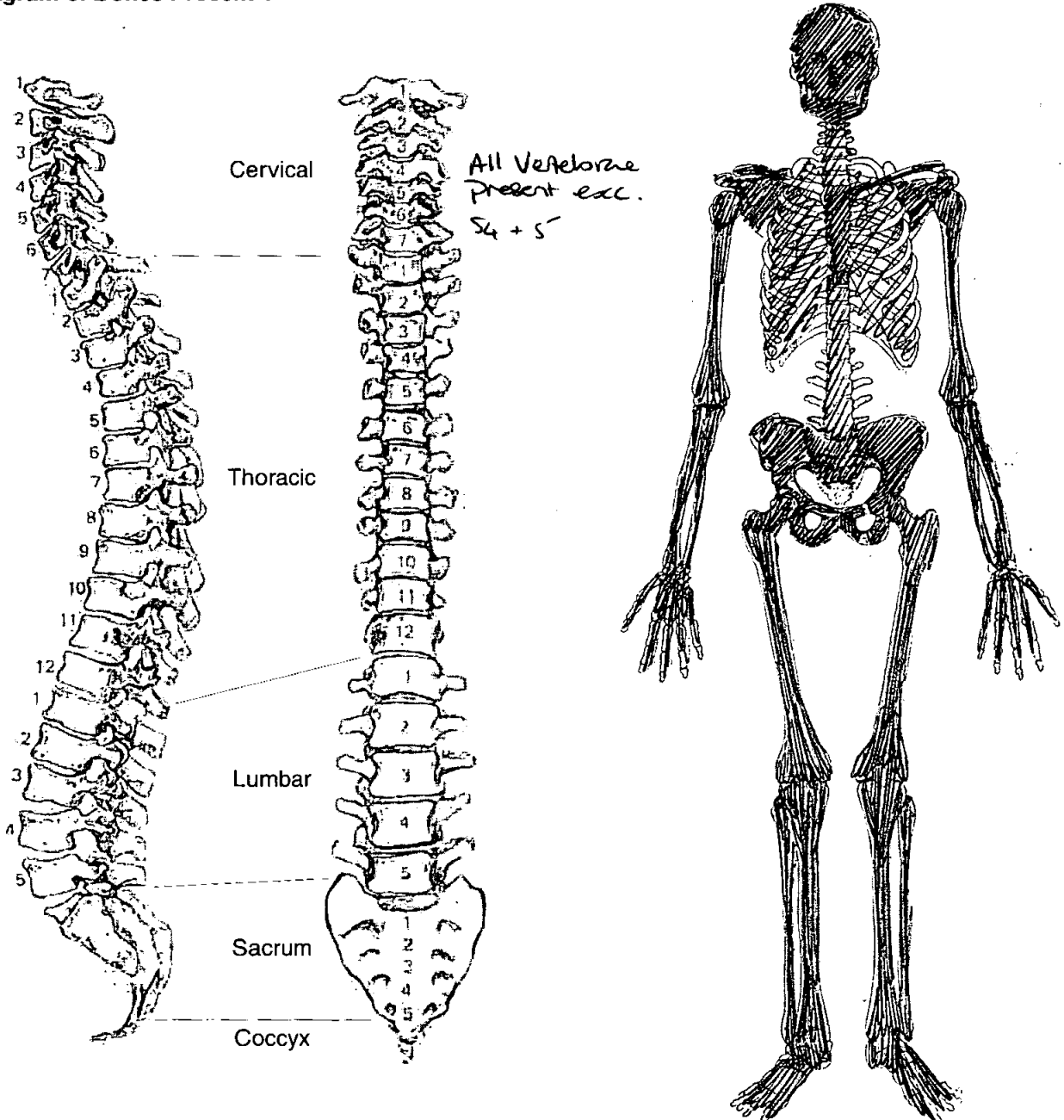
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 169.24 ± 2.99 / 5'5 1/2"

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions Healed fracture of R. Pub + R. fibula  
DJD R. foot  
SJD

**10. Diagram of Bones Present 1**



**Adult Age Estimation**

- 13. Epiphyseal Fusion 18-25+
- 14. Dental Eruption and Development 18+
- 15. Dental Attrition L7 + 6T6 only present.  
Minimal attrition
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀) X 50+
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀) II 45-6
- 17. Sternal End of Ribs 65+
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface 45-49
- 20. Degenerative Joint Disease
- 21. Comments Xiphoid fused to sternal body  
? younger end of MTA range

**Sexing**

**Skull**

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



**Pelvis**

28. Sciatic Notch

Male

29. Subpubic Angle

Male

30. Subpubic Concavity

Male

31. Ischio-Pubic Ramus

Male

32. Ventral Arc

Female

33. Preauricular Sulcus

Male

34. Obturator Foramen

Male

35. Pelvic Brim

Male

36. Acetabulum

Male

37. Ilium Auricular Surface

Female

**Sacrum**

38. Segments

Male

39. Morphology

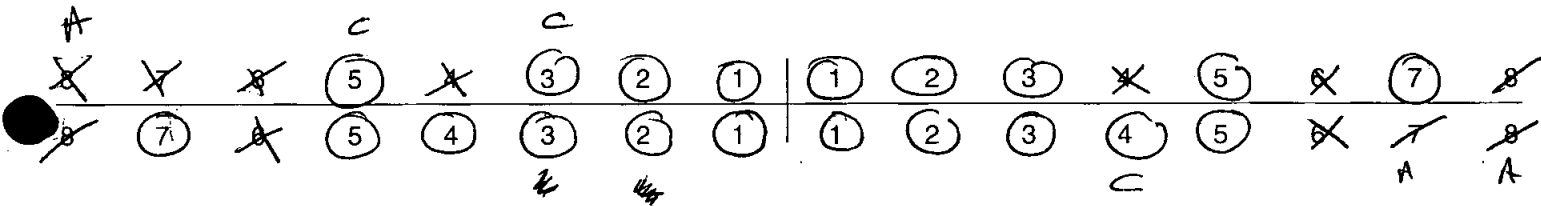
Male

**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

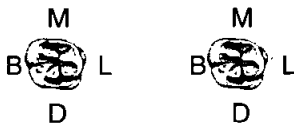
Left

Right

Left

Right

M1



M2

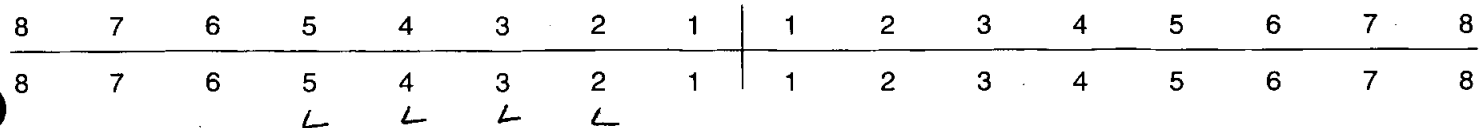


M3



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

			MEB		<sup>E</sup> MB	→						<sup>E</sup> MB		MA	
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
	MEL		MEB MEL	SL	HL	HL	HL	HL	HL	HL	HL	SL	HL		

45. Periodontal Disease (Brothwell 1981)

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

46. Caries (Lukacs 1989)

Small                      Medium                      Large

Occlusal			
Mesial			S
Distal		3	
Buccal / Labial			
Lingual			
Multiple			4

47. Abscess

Internal Drain			
External Drain		S	78

48. Dental Anomalies

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49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 48.2	R 50.5
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 79.6	R 79.2
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 44.6	R 44.5
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 23.2	R 22.3
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 28.1	R 30.5
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 138	R -

50. Cranial Non-metrics

Highest Nuchal Line	Absent
Ossicle at Lambda	Absent
Bregmatic Bone	Absent
Access. Lesser Pal. For	Absent
Palatine Torus	Absent
Metopism	Absent
Lambdoid Ossicle	R present. L. not fully visible
Coronal Ossicle	Absent
Epipterice Bone	Absent
Ossicle at Asterion	R + L ossicle @ asterion
Parietal Notch Bone	Absent
Fronto-temporo Articulation	Absent
Parietal Foramen	R Parietal Foramen
Access Infraorb. For	Absent
Zygomat. Facial. For	Absent
Frontal. For	Absent
Foramen of Huschke	present R + L
Auditory Torus	Absent
Mandibular Torus	Absent
Torus Maxillares	Absent
Precondylar Tubercle	Absent
Foramen Ovale	Complete
Supra-Orbital Foramen	Unbordered
Postcondylar facet	Absent
Foramen Spinosum	open / complete
Posterior Cond. Canal	Absent
Condylar Facet	Single
Mastoid Foramen	R Absent, L extra-sutural
Ant. Ethmoid Foramen	N.P.
Post. Ethmoid Foramen	N.P.
Anterior Condylar Canal	Present / Complete

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 <del>double</del> /single		✓	✓
lateral bridge		A ↓	A ↓
posterior bridge			
transverse foramen biparite		↓	↓

Pelvis

accessory facets		A	A
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Sacrum

accessory facets		A	A
spina bifida occulta		A	A

Femur

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

Patella

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

Tibia

facet form double		✓	✓
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)			-
Orbital Length (O'2)			-
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			186
Max. Cranial Breadth (B)			148
Min. Frontal Breadth (B')			110
Basion Bregma height (H')			140
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			71.7
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			104.2 (Bizyg. brd)
Nasal Height (NH')			
Nasal Breadth (NB)			
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			47.3
Frontal Arc (S1)			32.5
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			-
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			28.6
Mandibular Angle MZ			
Bigonial Breadth OoGo			103
Max. Mandibular Length			84

53.

left

right

**Femur**

FeL1 Max. L	446	455
FeL2 Obl. L		
FeD1 A-P Subtroch DI	25.9	26.7
FeD2 M-L Subtroch DI	34.2	35.8
FeDs Max. DI Head	48.2	50.5
C Midshaft Circ.		
FeEI Bicond Width	79.6	79.2

**Tibia**

TiL1 Max. L	359	360
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	29.9	30.7
TiD2 M-L DI. Nut. For	19	19.9

**Fibula**

FiL1 Max. L	-	-
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**Humerus**

HuL1 Max. L	302	305
HuD5 Max. DI Head	44.6	44.5
HC Midshaft Circ		

**Radius**

RaL1 Max. L	222	224
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**Ulna**

UiL1 Max. L	245	245
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**Clavicle**

CiL1 Max. L	138	-
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54.

left

right

**Scapula**

GC2 Glen. Cav. L

GC2 Glen. Cav. B

**Atlas**

Max. Internal width

27.4

**Sternum**

SL Max. L. Body

*used to Xiphoid*

ML max. L. Manbrium

58.2

**Sacrum**

SacL Max. L

SacB Max. B

110

**Indices**

**Cranial**

Height/Length

75.26

Height/Breadth

94.59

**Nasal**

Upper Facial

68.81

~~Foramina~~ *Nasal*

—

Palatal

68.71

Orbital

—

Mean Porion Height

~~~~~

**Post Cranial**

Platymeric

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<br>PO<br>SN<br>EB |   |          |        |   |   |   |   |   |   |    |
| C2  | OP<br>PO<br>SN<br>EB |   |          |        |   |   |   |   |   |   |    |
| C3  | OP<br>PO<br>SN<br>EB |   | ✓        |        |   |   |   |   |   |   |    |
| C4  | OP<br>PO<br>SN<br>EB | ✓ | ✓        |        |   |   |   |   |   |   |    |
| C5  | OP<br>PO<br>SN<br>EB | ✓ | ✓        |        |   |   |   |   |   |   |    |
| C6  | OP<br>PO<br>SN<br>EB | ✓ | ✓ slight |        |   |   |   |   |   |   |    |
| C7  | OP<br>PO<br>SN<br>EB |   |          |        |   |   |   |   |   |   |    |
| T1  | OP<br>PO<br>SN<br>EB |   |          |        |   |   |   |   |   |   |    |
| T2  | OP<br>PO<br>SN<br>EB |   | ✓        |        |   |   |   |   |   |   |    |
| T3  | OP<br>PO<br>SN<br>EB | ✓ | ✓        |        |   |   |   |   |   |   |    |
| T4  | OP<br>PO<br>SN<br>EB | ✓ | ✓        | slight |   |   |   |   |   |   |    |
| T5  | OP<br>PO<br>SN<br>EB |   | ✓        |        |   |   | ✓ |   |   |   | ✓  |
| T6  | OP<br>PO<br>SN<br>EB | ✓ | ✓        |        |   |   | ✓ |   |   |   | ✓  |
| T7  | OP<br>PO<br>SN<br>EB | ✓ |          |        |   |   |   |   |   |   | ✓  |
| T8  | OP<br>PO<br>SN<br>EB |   | ✓ severe |        |   |   |   |   |   |   |    |
| T9  | OP<br>PO<br>SN<br>EB | ✓ | ✓ severe | ✓      | ✓ |   |   |   |   |   |    |
| T10 | OP<br>PO<br>SN<br>EB | ✓ | ✓        | ✓      | ✓ |   |   |   |   |   |    |
| T11 | OP<br>PO<br>SN<br>EB |   | ✓        |        |   |   |   |   |   |   |    |
| T12 | OP<br>PO<br>SN<br>EB | ✓ |          |        |   |   |   |   |   |   |    |
| L1  | OP<br>PO<br>SN<br>EB |   | ✓        |        |   |   |   |   |   |   |    |
| L2  | OP<br>PO<br>SN<br>EB |   | ✓        |        |   |   |   |   |   |   |    |
| L3  | OP<br>PO<br>SN<br>EB | ✓ |          |        |   |   |   |   |   |   |    |
| L4  | OP<br>PO<br>SN<br>EB | ✓ | ✓        |        |   |   |   |   |   |   |    |
| L5  | OP<br>PO<br>SN<br>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

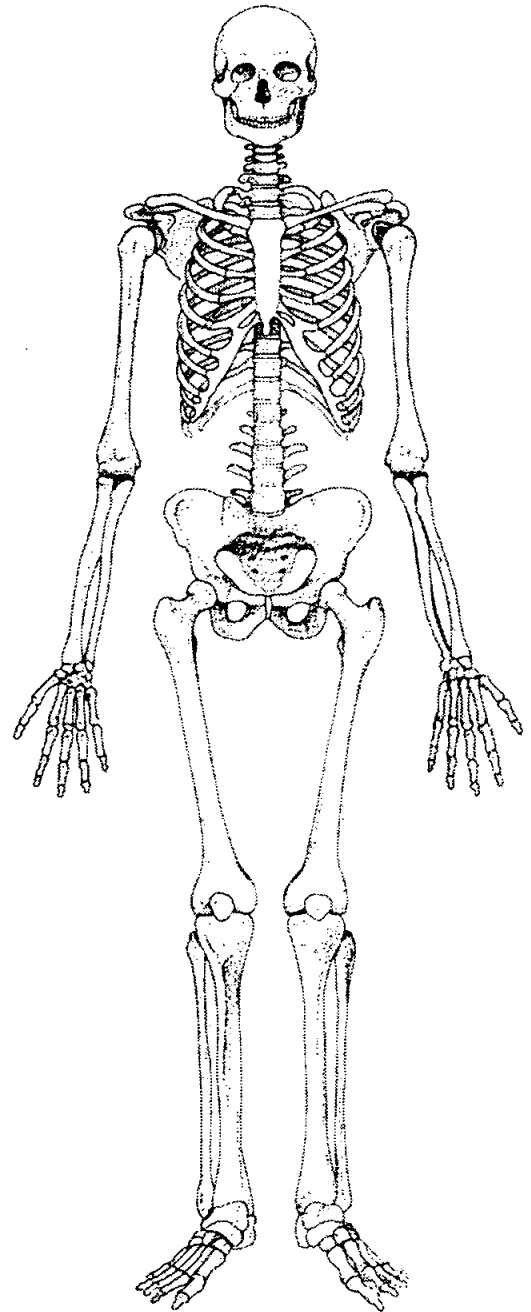
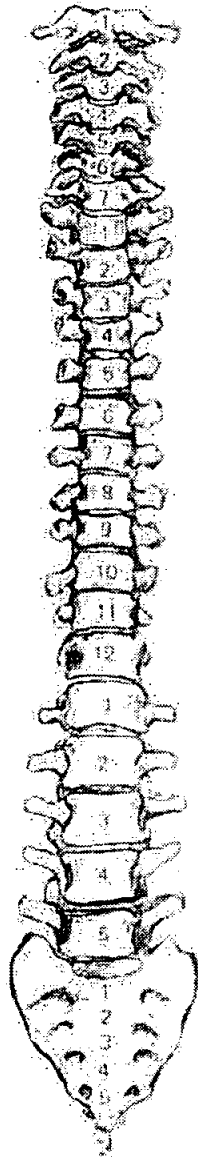
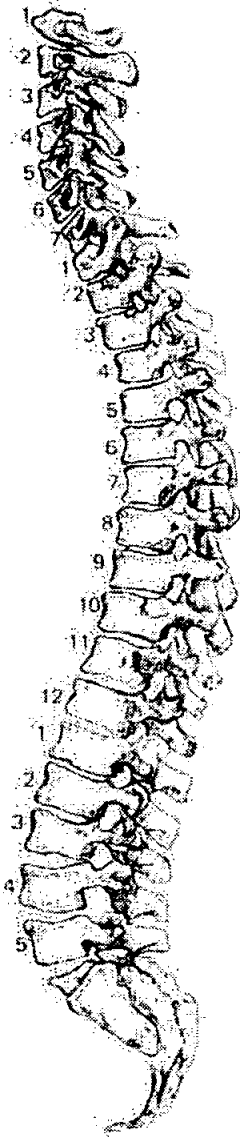
8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

55. Pathological Distribution



56. Pathological Description

DD R. foot - Shaft - 1<sup>st</sup> Talus + Calcaneus, 1<sup>st</sup> Navicular. Severe O.P.S. + 1<sup>st</sup> Tal. p.o. distal. Jt. Surface 1<sup>st</sup> M. tarsal + prox. Surf. 1<sup>st</sup> phalanx L - 1<sup>st</sup> T. tarsal, Shaft - 1<sup>st</sup> Tal. p.o. dist. Jr. Surface.

Healed # R. Rib - Fractured Mid shaft, large amount Callous present. Shaft Superior displacement of sternal 1/2

Healed # R. Tibula - Fractured upper 1/3 Mid shaft. Well aligned, Callous still present.

# Skeleton Recording Sheet (Adult)

1. Site Name GLR 00

2. Date of Record 25 01 01

3. Period P-M

4. Skeleton Number 522

5. Age 55-60

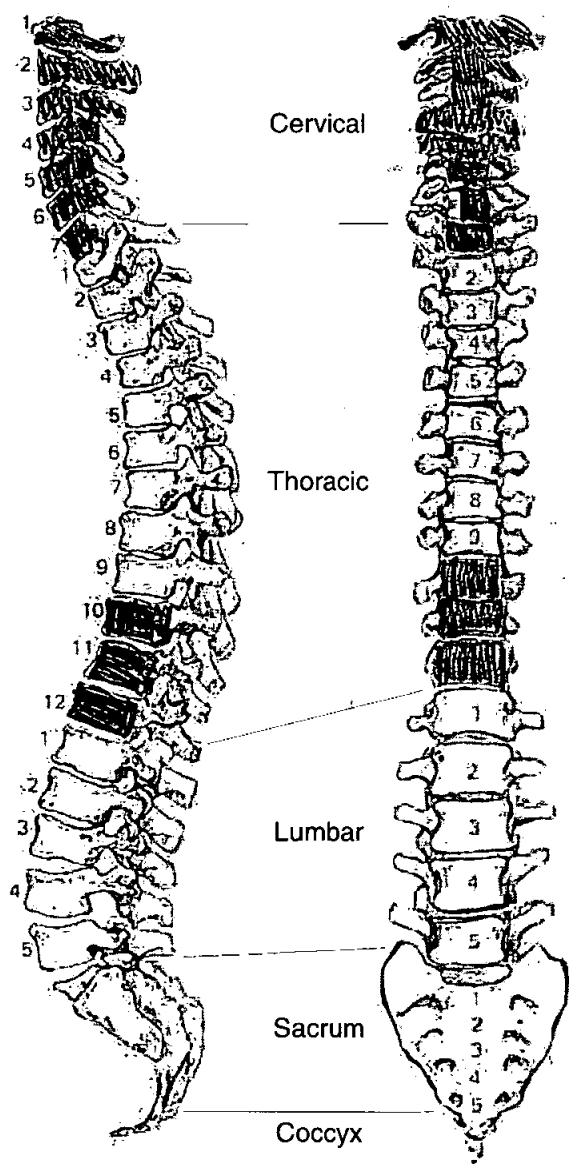
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 174.3 ± 2.99 cm

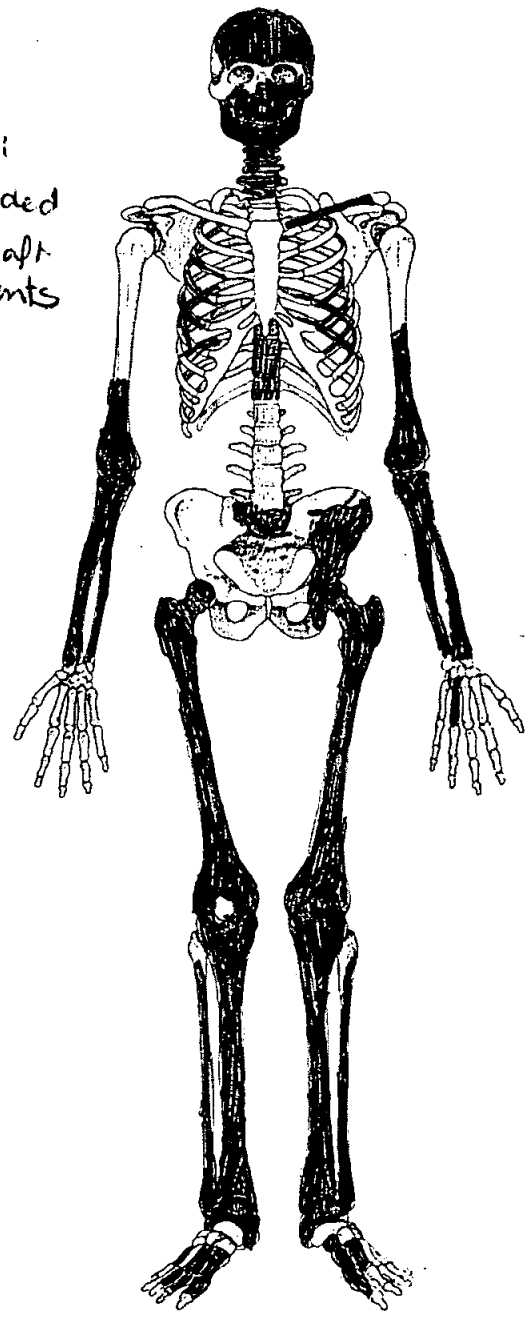
8. Preservation (tick one)  Excellent  Good/Fair  Poor  Destroyed

9. Summary of Pathological Conditions  
OA - Neck = SDJD  
NI - Maxillary sinusitis  
Trauma - fracture to distal end of left tibia

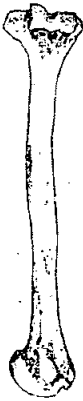
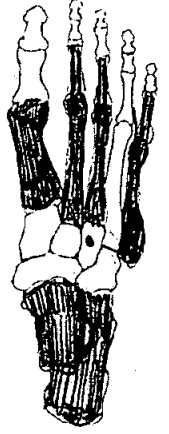
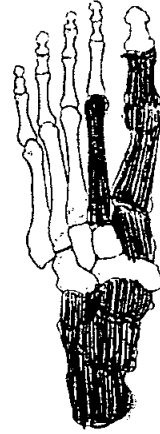
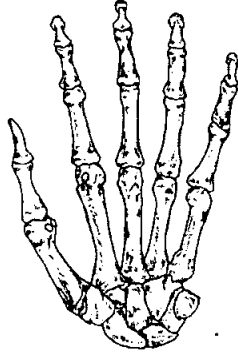
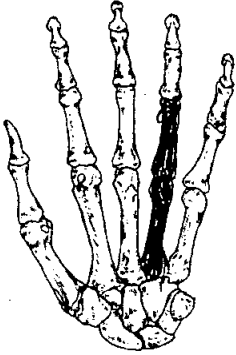
10. Diagram of Bones Present 1



Ribs:  
 11 unisided  
 midshaft  
 fragments



11. Diagram of Bones Present 2



**Adult Age Estimation**

- 13. Epiphyseal Fusion Fused (+28)
- 14. Dental Eruption and Development NP
- 15. Dental Attrition NP
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀) NP
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀)
- 17. Sternal End of Ribs NP
- 18. Cranial Suture Closure NP
- 19. Ilium Auricular Surface 50-60 - nearer the top end of range
- 20. Degenerative Joint Disease OA C3 superior left articular surface, slight lipping of T's.
- 21. Comments

**Sexing**

**Skull**

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

***Pelvis***

28. Sciatic Notch

M

29. Subpubic Angle

M

30. Subpubic Concavity

I

31. Ischio-Pubic Ramus

I

32. Ventral Arc

I

33. Preauricular Sulcus

M

34. Obturator Foramen

I

35. Pelvic Brim

I

36. Acetabulum

M

37. Ilium Auricular Surface

M

***Sacrum***

38. Segments

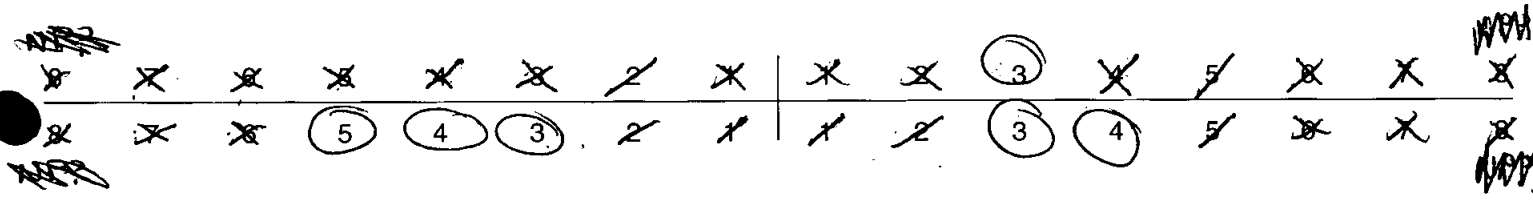
39. Morphology

***Sternum***

**Dentition**

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/ = 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

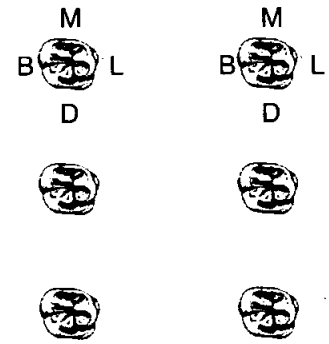
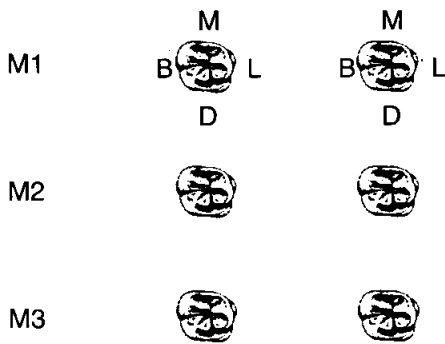
Maxilla

Left

Right

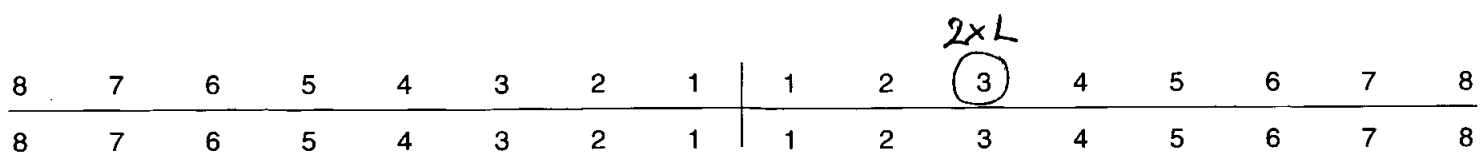
Left

Right



43. Dental Hyoplasia

P = Pit    L = Line    G = Groove





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 |

5 } B:S  
 4 } B } S  
 3 } D } S  
       L } S  
       B } S  
       M } S

D } S  
 L } S  
 B } S  
 M } S

B:S

45. Periodontal Disease (Brothwell 1981)

- S = Slight
- M = medium — Mandible + Maxilla
- 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

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49. Metrical Data

|                                                          |                        |            |
|----------------------------------------------------------|------------------------|------------|
| Femoral Head Diameter<br>>48mm = ♂, <43mm = ♀            | L 48.7 mm              | R 49.02 mm |
| Femoral Bicondylar Width<br>>76mm = ♂, <74mm = ♀         | L <del>78.3</del> 81.3 | R 83.3     |
| Humerus Head Diameter<br>>47mm = ♂, <43mm = ♀            | L —                    | R —        |
| Radius Head Diameter<br>>23mm = ♂, <21mm = ♀             | L 22.56 mm             | R —        |
| Scapula Glenoid Cavity Width<br>>26.6mm = ♂, <26.1mm = ♀ | L —                    | R —        |
| Clavicle maximum Length<br>>150mm = ♂, <133mm = ♀        | L —                    | R —        |

NP = ~~Not Present~~ bone absent, A = trait absent, P = Trait present

50. Cranial Non-metrics

|                             | Trait         | NP |
|-----------------------------|---------------|----|
| Highest Nuchal Line         | A             |    |
| Ossicle at Lambda           | A             |    |
| Bregmatic Bone              | A             |    |
| Access. Lesser Pal. For     | L = P, R = P  |    |
| Palatine Torus              | L = A, R = A  |    |
| Metopism                    | A             |    |
| Lambdoid Ossicle            | A             |    |
| Coronal Ossicle             | A             |    |
| Epipteric Bone              | NP            |    |
| Ossicle at Asterion         | NP            |    |
| Parietal Notch Bone         | NP            |    |
| Fronto-temporo Articulation | NP            |    |
| Parietal Foramen            | L = A, R = A  |    |
| Access Infraorb. For        | R = P, L = P  |    |
| Zygomat. Facial. For        | R = NP, L = P |    |
| 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            |    |

**Skeleton Recording Sheet (Adult)**

51. Humerus

|                        | unside | 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 <del>double</del> /single |  | <del>NP</del> | P |
| lateral bridge                       |  | A             | A |
| posterior bridge                     |  | NP            | P |
| transverse foramen biparite          |  | A             | A |

Pelvis

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

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 |
| exostois in trochanteric fossa |  | P | A |

Patella

|                    |  |   |   |
|--------------------|--|---|---|
| vastus notch       |  | A | A |
| vastus fossa       |  | A | A |
| emarginate patella |  | A | A |

Tibia

|                                             |  |   |   |
|---------------------------------------------|--|---|---|
| Med Squant <sup>ing</sup> facet form double |  | P | P |
| Lat II 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)       |  |  |  |
| 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     |  |  | 30.5  |
| Mandibular Angle MZ      |  |  |       |
| Bigonial Breadth OoGo    |  |  | 113.5 |
| Max. Mandibular Length   |  |  | 76.5  |

**Skeleton Recording Sheet (Adult)**

53.

left

right

**Femur**

|                      |      |                      |
|----------------------|------|----------------------|
| FeL1 Max. L          | 474  | 474.5                |
| FeL2 Obl. L          |      | —                    |
| FeD1 A-P Subtroch DI | 33.6 | 34.4                 |
| FeD2 M-L Subtroch DI | 28.8 | <del>28.5</del> 28.5 |
| FeDs Max. DI Head    | 48.7 | 49.02                |
| C Midshaft Circ.     |      |                      |
| FeEI Bicond Width    | 81.3 | 83.3                 |

**Tibia**

|                       |      |      |
|-----------------------|------|------|
| TiL1 Max. L           | 380  | 383  |
| TiB1 Bicond Width     | —    | —    |
| TiD1 A-P DI. Nut. For | 37.3 | 36.7 |
| TiD2 M-L DI. Nut. For | 28.8 | 28.2 |

**Fibula**

|             |   |   |
|-------------|---|---|
| FIL1 Max. L | — | — |
|-------------|---|---|

**Humerus**

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

**Radius**

|             |                    |   |
|-------------|--------------------|---|
| RaL1 Max. L | 255 <del>255</del> | — |
|-------------|--------------------|---|

**Ulna**

|             |   |     |
|-------------|---|-----|
| UIL1 Max. L | — | 270 |
|-------------|---|-----|

**Clavicle**

|             |   |   |
|-------------|---|---|
| CiL1 Max. L | — | — |
|-------------|---|---|

54.

left

right

**Scapula**

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

|   |
|---|
| — |
| — |

|   |
|---|
| — |
| — |

**Atlas**

Max. Internal width

|  |
|--|
|  |
|--|

36.2

|  |
|--|
|  |
|--|

**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

|  |
|--|
|  |
|  |
|  |
|  |
|  |

|||  
|||  
|||  
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|  |
|--|
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|  |

**Post Cranial**

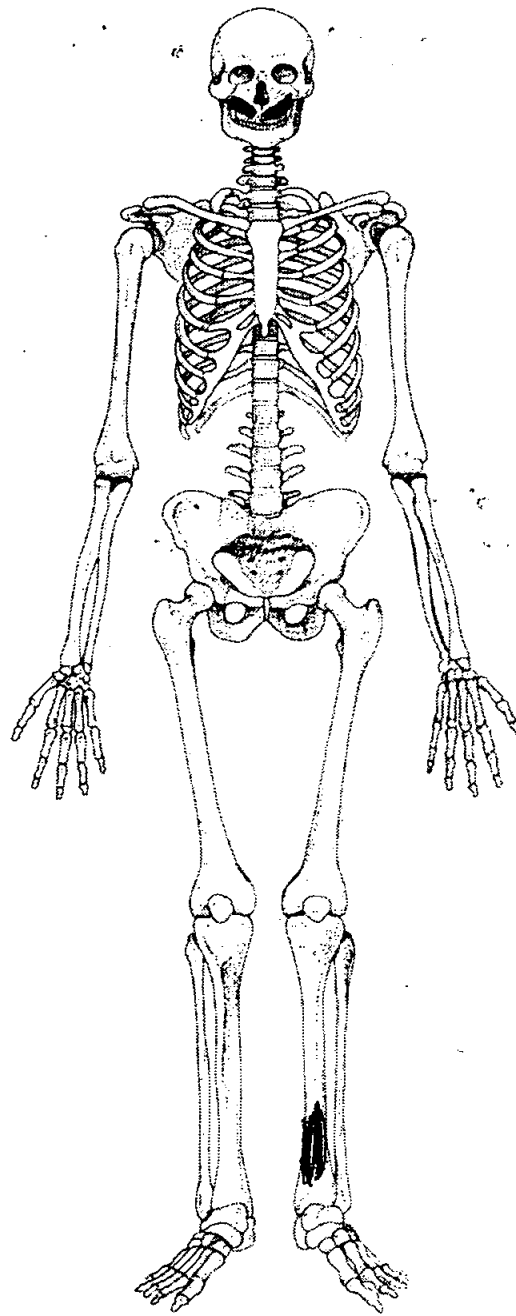
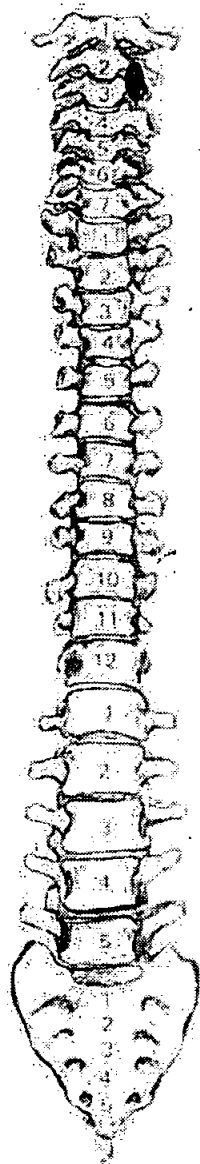
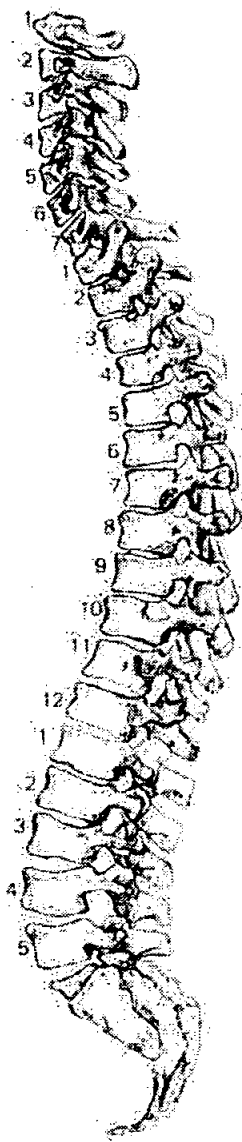
Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

|       |
|-------|
| 116.6 |
| 77.2  |
| —     |
|       |

|

|       |
|-------|
| 120.7 |
| 76.8  |
| —     |
|       |

55. Pathological Distribution



56. Pathological Description

\* Inferior left articular surface of axis & superior articular (left) surface of 3<sup>rd</sup> cervical - pitted, lipped & eburnated - Osteoarthritis

\* Bases of the maxillary sinuses - bilateral, plaque like new bone formations - maxillary sinusitis - NI

\* Distal end of left tibial shaft: The shaft is thickened mainly on the lateral & anterior side & slight thickening on the medial side. The lateral side has periostitis consisting of lamellar & plaque formations. At the centre of the thickened part is a anterior displacement causing a kink in the bone. A faint oblique fracture line is also visible on the posterior side.

This represents a healed fracture with a large callus

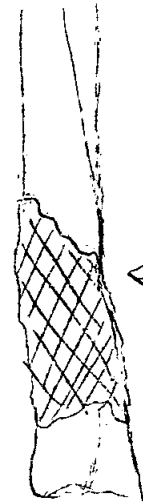
→ over

which was infected but is now healed. The fracture occurred by a blow to the lower leg from the back. The fibula was not involved.

Posterior view  
of left tibia

Lateral  
view

Dotted line: The original shape of the bone.



/// =  
area of new  
bone formation  
& callous



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

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

1. Site Name OLR 00

2. Date of Record 23 11 00

3. Period NAMED

4. Skeleton Number 532 5. Age MTA

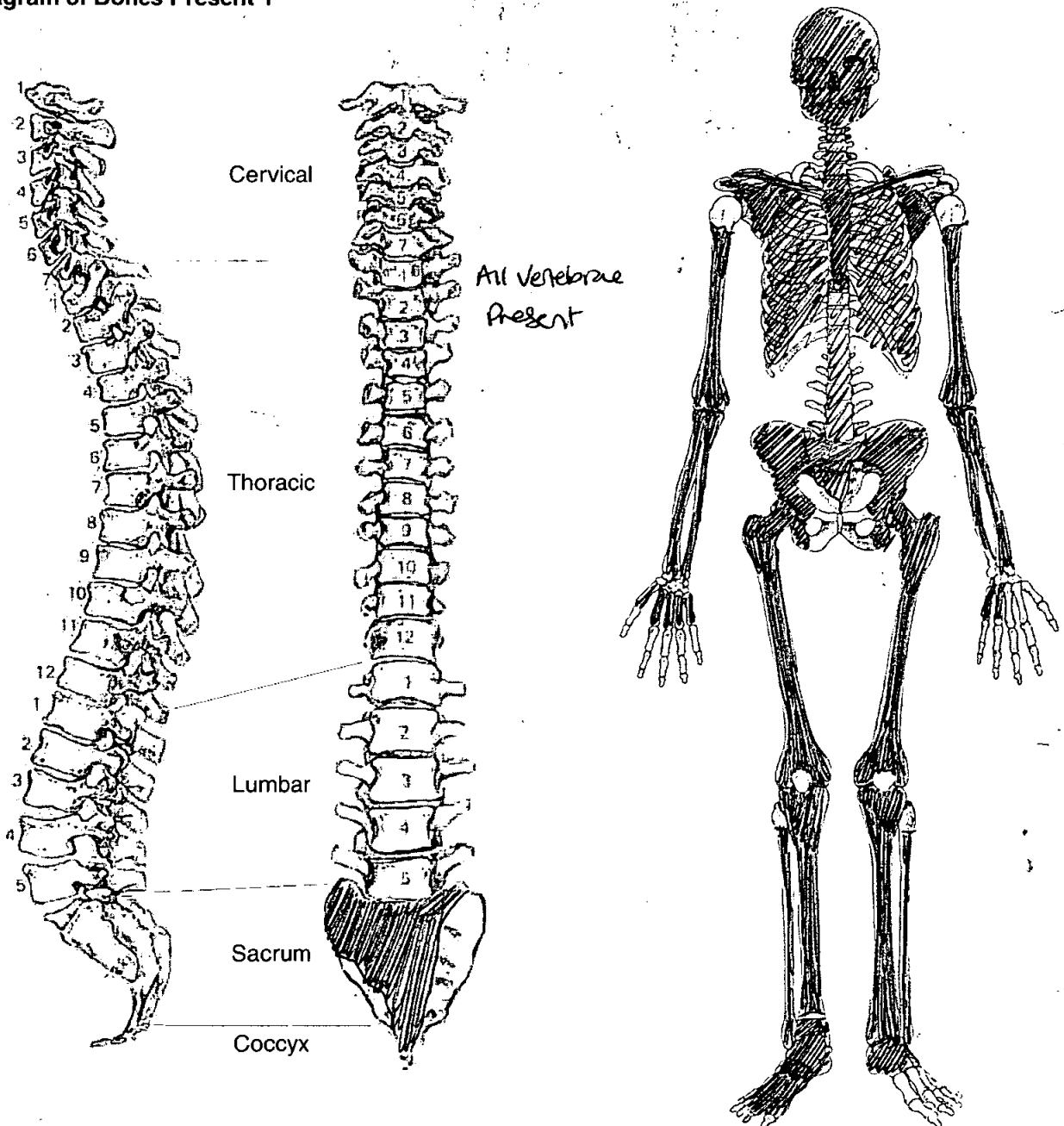
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 167.03 ± 2.99 / 5'4 1/2"

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions SJD

**10. Diagram of Bones Present 1**



**Adult Age Estimation**

- 13. Epiphyseal Fusion 25-28<sup>+</sup>
- 14. Dental Eruption and Development
- 15. Dental Attrition 40-50
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀)

NP  
 ↓  
 ✓
- 17. Sternal End of Ribs 43-55
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface 45-49
- 20. Degenerative Joint Disease ~~Severe~~ SID
- 21. Comments Kyphoid fused to sternal body

**Sexing**

**Skull**

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

**Pelvis**

28. Sciatic Notch

Date - V. acute

29. Subpubic Angle

NP

30. Subpubic Concavity

31. Ischio-Pubic Ramus

32. Ventral Arc

33. Preauricular Sulcus

Date

34. Obturator Foramen

Incomplete

35. Pelvic Brim

Date

36. Acetabulum

Date

37. Ilium Auricular Surface

Female

**Sacrum**

38. Segments

Date

39. Morphology

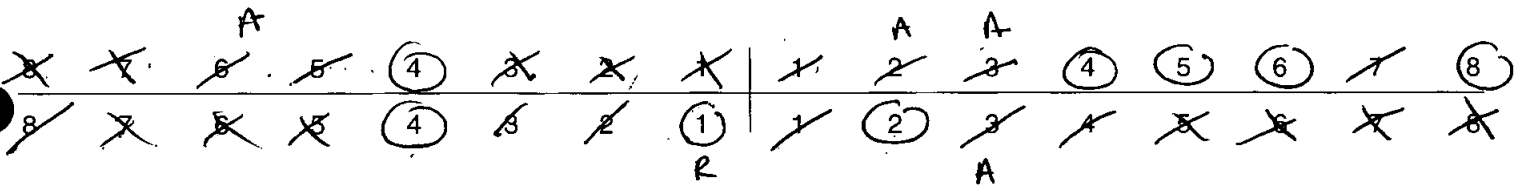
Date

**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

Maxilla

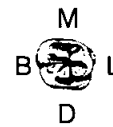
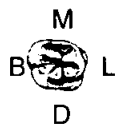
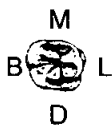
Left

Right

Left

Right

M1



M2

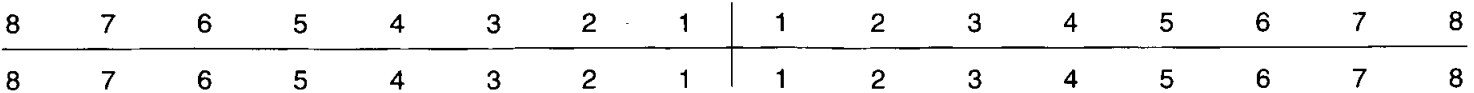


M3



43. Dental Hyoplasia

P = Pit    L = Line    G = Groove



heavy attrition of all crowns



49. Metrical Data

|                                                          |        |        |
|----------------------------------------------------------|--------|--------|
| Femoral Head Diameter<br>>48mm = ♂, <43mm = ♀            | L 45.9 | R 45.2 |
| Femoral Bicondylar Width<br>>76mm = ♂, <74mm = ♀         | L -    | R -    |
| Humerus Head Diameter<br>>47mm = ♂, <43mm = ♀            | L -    | R -    |
| Radius Head Diameter<br>>23mm = ♂, <21mm = ♀             | L -    | R 23.2 |
| Scapula Glenoid Cavity Width<br>>26.6mm = ♂, <26.1mm = ♀ | L 29.2 | R 29.3 |
| Clavicle maximum Length<br>>150mm = ♂, <133mm = ♀        | L -    | R -    |

50. Cranial Non-metrics

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

**Skeleton Recording Sheet (Adult)**

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 <del>double</del> /single |  | ✓ | ✓  |
| lateral bridge                       |  | A | A  |
| posterior bridge                     |  | A | A  |
| transverse foramen biparite          |  | A | C4 |

Pelvis

|                  |  |   |   |
|------------------|--|---|---|
| accessory facets |  | A | ✓ |
|------------------|--|---|---|

Sacrum

|                      |  |   |   |
|----------------------|--|---|---|
| accessory facets     |  | A | A |
| spina bifida occulta |  | A | A |

Femur

|                                 |  |                 |    |
|---------------------------------|--|-----------------|----|
| allen's fossa                   |  | <del>NP</del> A | NP |
| polirier's facet                |  | A               | NP |
| plaque                          |  | ✓               | NP |
| third trochanter                |  | A               | A  |
| hypotrochanteric fossa          |  | A               | A  |
| exostosis in trochanteric fossa |  | NP              | NP |

Patella

|                    |  |    |    |
|--------------------|--|----|----|
| vastus notch       |  | NP | NP |
| vastus fossa       |  |    |    |
| emarginate patella |  | ↓  | ↓  |

Tibia

|                                                |  |   |   |
|------------------------------------------------|--|---|---|
| <i>Medial Sq</i> facet form <del>double</del>  |  | A | A |
| <i>lateral Sq</i> facet form <del>single</del> |  | A | A |

Calcaneus

|                   |  |               |   |
|-------------------|--|---------------|---|
| facet form double |  | ✓             |   |
| facet form single |  | <del>NP</del> | ✓ |



52.

left

right

unsided

**Cranial and Facial Metrics**

|                             |      |      |       |
|-----------------------------|------|------|-------|
| Porion Bregma Height        |      |      |       |
| Orbital Breadth (O'1)       | 42.2 | 43.2 |       |
| Orbital Length (O'2)        | 40.3 | 43.1 |       |
| Basion-Asterion Chord (091) |      |      |       |
| Malar Height (MH)           |      |      |       |
| Max. Cranial Length (L)     |      |      | x 198 |
| Max. Cranial Breadth (B)    |      |      | x 158 |
| Min. Frontal Breadth (B')   |      |      | 113   |
| Basion Bregma height (H')   |      |      | y 143 |
| Basion-Nasal Length (LB)    |      |      |       |
| Basion-Alveolare (GL)       |      |      |       |
| Upper Facial Height (G'M)   |      |      | 70.6  |
| Bimaxillary Breadth (GB)    |      |      |       |
| Bizygomatic Breadth (J)     |      |      | 99.5  |
| Nasal Height (NH')          |      |      | 54.7  |
| Nasal Breadth (NB)          |      |      | 24.1  |
| Sup. Nasal Breadth (NB')    |      |      |       |
| Palatal Length (G'1)        |      |      |       |
| Palatal Breadth (G'2)       |      |      | 50.5  |
| Frontal Arc (S1)            |      |      | 33.3  |
| 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)  |      |      |       |

upper facial wt

**Mandibular Metrics**

|                          |  |  |     |
|--------------------------|--|--|-----|
| Coronoid Height CrM      |  |  |     |
| Min. Ramus Breadth RB    |  |  |     |
| Condyle Length CYL       |  |  |     |
| Bicondylar Breadth WI    |  |  | 122 |
| Foramen Ment. Breadth ZZ |  |  |     |
| Symphyseal Height HI     |  |  | 29  |
| Mandibular Angle MZ      |  |  |     |
| Bigonial Breadth OoGo    |  |  | 102 |
| Max. Mandibular Length   |  |  | 80  |

53.

left

right

**Femur**

|                      |      |      |
|----------------------|------|------|
| FeL1 Max. L          | 442  | 445  |
| FeL2 Obl. L          |      |      |
| FeD1 A-P Subtroch DI | 29.8 | 29.6 |
| FeD2 M-L Subtroch DI | 35.6 | 33.5 |
| FeDs Max. DI Head    | 45.9 | 45.2 |
| C Midshaft Circ.     |      |      |
| FeEI Bicond Width    | —    | —    |

**Tibia**

|                       |      |           |
|-----------------------|------|-----------|
| TiL1 Max. L           | 356  | —         |
| TiB1 Bicond Width     |      |           |
| TiD1 A-P DI. Nut. For | 40.5 | 40.5 43.3 |
| TiD2 M-L DI. Nut. For | 24.4 | 24        |

**Fibula**

|             |   |   |
|-------------|---|---|
| FIL1 Max. L | — | — |
|-------------|---|---|

**Humerus**

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

**Radius**

|             |     |     |
|-------------|-----|-----|
| RaL1 Max. L | 230 | 230 |
|-------------|-----|-----|

**Ulna**

|             |   |     |
|-------------|---|-----|
| UiL1 Max. L | — | 253 |
|-------------|---|-----|

**Clavicle**

|             |   |   |
|-------------|---|---|
| CiL1 Max. L | — | — |
|-------------|---|---|

54.

left

right

**Scapula**

GC2 Glen. Cav. L

40

40.2

GC2 Glan. Cav. B

29.2

29.6

**Atlas**

Max. Internal width

25.7

**Sternum**

SL Max. L. Body

ML max. L. Manbrium

55.1

**Sacrum**

SacL Max. L

132

SacB Max. B

**Indices**

**Cranial**

Height/Length

72.22

Height/Breadth

92.26

**Nasal**

Upper Facial

70.95

~~Foramina~~ Nasal

44.05

Palatal

65.94

Orbital

95.49

99.70

Mean Porion Height

**Post Cranial**

Platymeric

84

88

Platycnemic

60

55

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<br>PO<br>SN<br>EB |   |   |   |   |   |   |   |   |   |    |
| C2  | OP<br>PO<br>SN<br>EB |   |   |   |   |   |   |   |   |   |    |
| C3  | OP<br>PO<br>SN<br>EB |   |   |   |   |   |   |   |   |   |    |
| C4  | OP<br>PO<br>SN<br>EB |   |   |   |   |   |   |   |   |   |    |
| C5  | OP<br>PO<br>SN<br>EB | ✓ |   |   |   |   |   |   |   |   |    |
| C6  | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   |   |   |   |   |    |
| C7  | OP<br>PO<br>SN<br>EB | ✓ |   |   |   |   |   |   |   |   |    |
| T1  | OP<br>PO<br>SN<br>EB |   |   |   |   |   |   |   |   |   |    |
| T2  | OP<br>PO<br>SN<br>EB |   |   |   |   |   |   |   |   |   |    |
| T3  | OP<br>PO<br>SN<br>EB |   | ✓ |   |   |   |   |   |   |   |    |
| T4  | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   |   |   |   |   |    |
| T5  | OP<br>PO<br>SN<br>EB |   | ✓ |   |   |   |   |   |   |   |    |
| T6  | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   |   |   |   |   | ✓  |
| T7  | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   |   |   |   |   |    |
| T8  | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   |   |   |   |   |    |
| T9  | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   |   |   |   |   |    |
| T10 | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   |   |   |   |   |    |
| T11 | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   | ✓ |   |   |   | ✓  |
| T12 | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   | ✓ |   |   |   | ✓  |
| L1  | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   |   |   |   |   |    |
| L2  | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   |   |   |   |   |    |
| L3  | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   |   |   |   |   |    |
| L4  | OP<br>PO<br>SN<br>EB | ✓ | ✓ |   |   |   |   |   |   |   |    |
| L5  | OP<br>PO<br>SN<br>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 08 02 01

3. Period P-M

4. Skeleton Number 537

5. Age     

6. Sex (tick one)  Male  Female  Unidentified

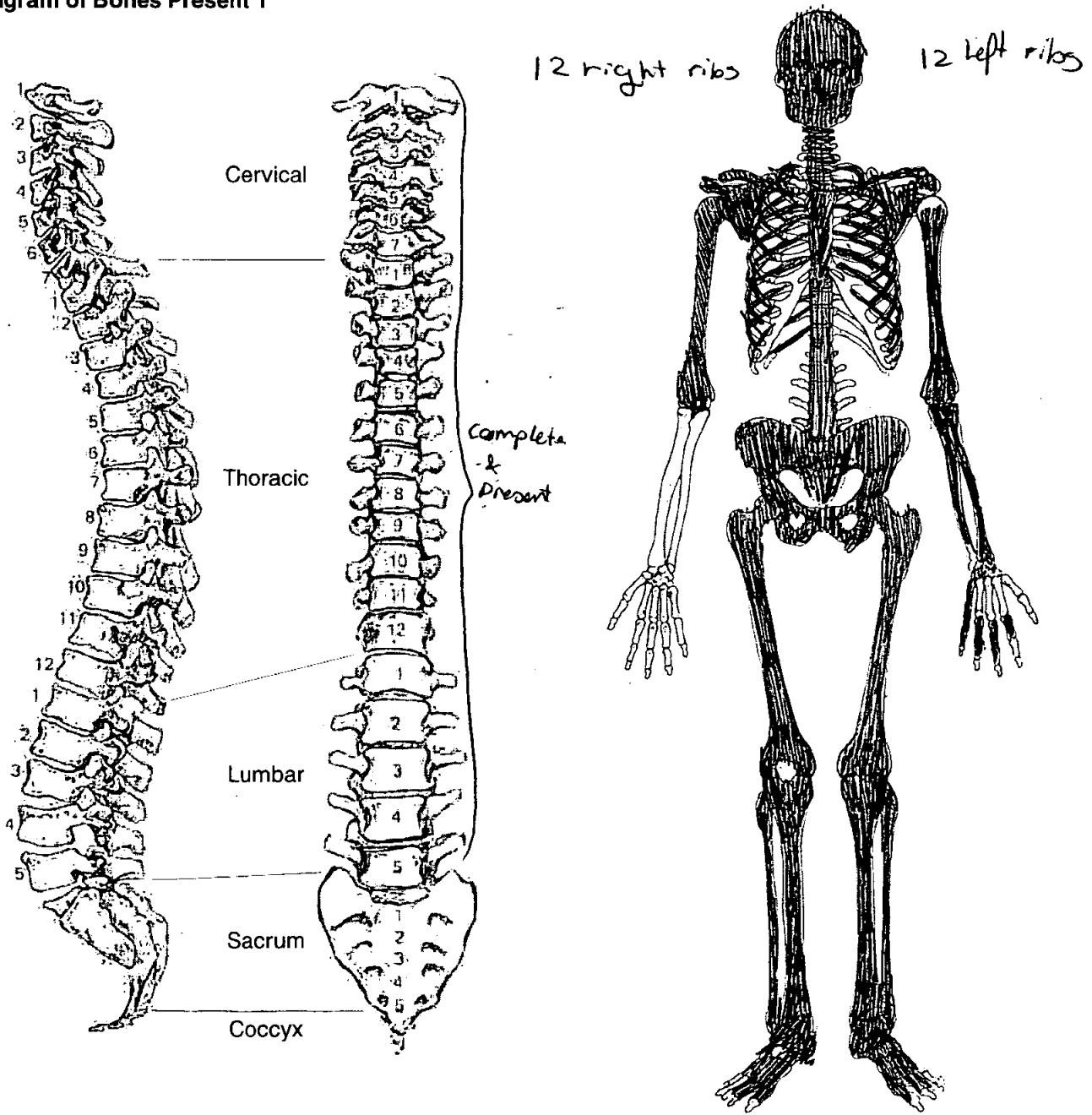
40-59 most likely to be 40-48

7. Stature 162.18 ± 3.55 cm

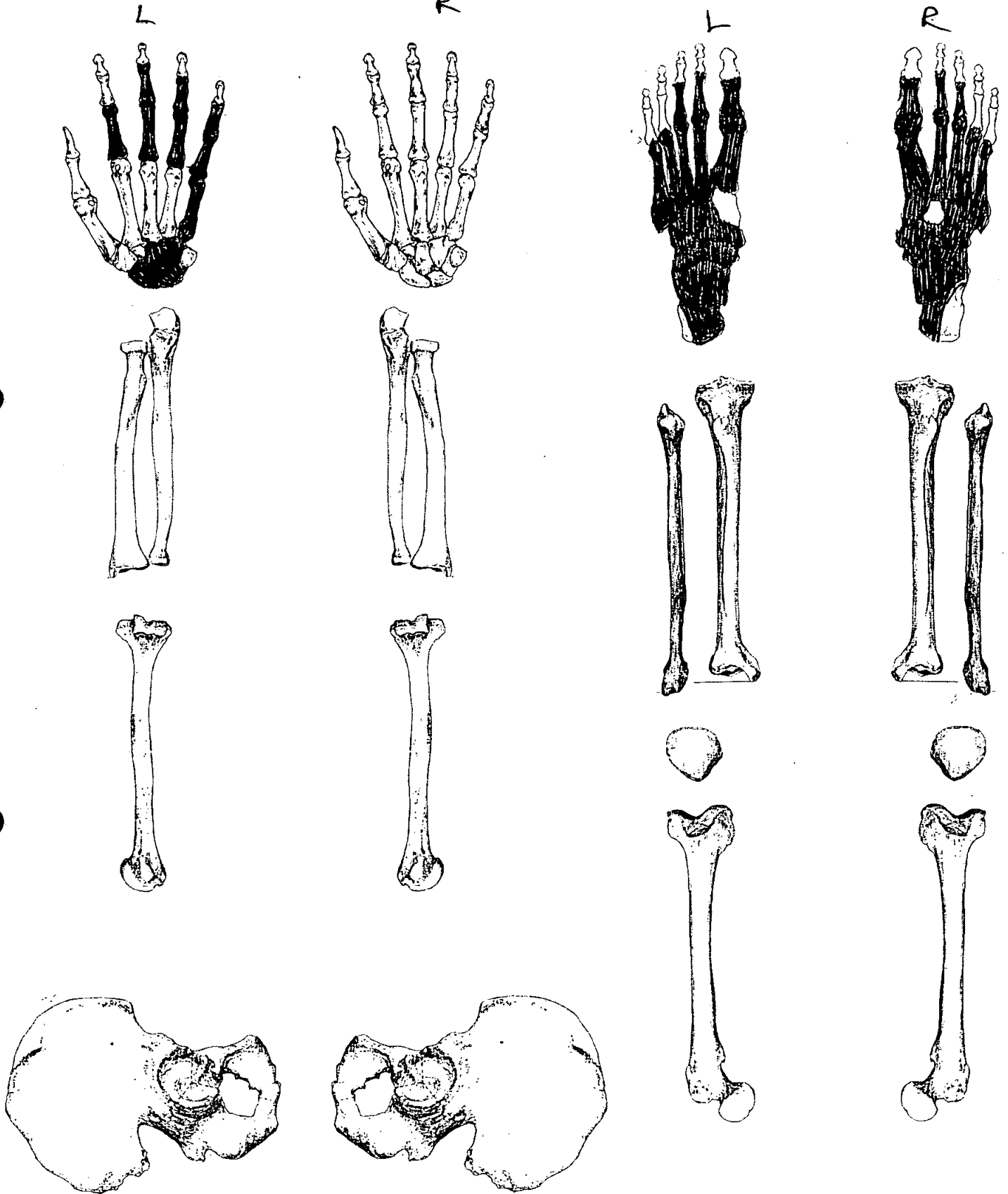
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions  
Partial dislocation of left femoral head with subsequent ankylosis - Trauma  
Active anaemia  
Degenerative joint disease right knee

**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

M1 = 30, M2 = 31.5

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♀ stage 4-5 38.2-48.1

17. Sternal End of Ribs

♀ phase 6. 43-58.1

18. Cranial Suture Closure

19. Ilium Auricular Surface

40-59

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

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 F?

32. Ventral Arc F

33. Preauricular Sulcus F

34. Obturator Foramen M?

35. Pelvic Brim F

36. Acetabulum M?

37. Ilium Auricular Surface F

**Sacrum**

38. Segments M

39. Morphology A

**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            |
| <del>8</del> | 7 | 6 | 5 | 4 | <del>3</del> | 2 | 1 |  | 1 | 2 | <del>3</del> | 4 | 5 | 6 | 7 | <del>8</del> |

41. Bite

Overbite     Underbite     Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

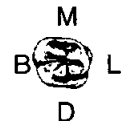
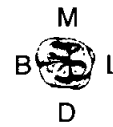
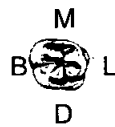
Left

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)

|                                                                                                                                                                        |                     |                     |               |         |   |   |   |                                                                                                                  |   |   |   |   |                     |                           |                          |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|---------------|---------|---|---|---|------------------------------------------------------------------------------------------------------------------|---|---|---|---|---------------------|---------------------------|--------------------------|--|--|--|
| <p><b>Position</b></p> <p>O = Occlusal<br/>         D = Distal<br/>         L = Lingual<br/>         B = Buccal<br/>         M = Mesial<br/>         A = All sides</p> |                     |                     |               |         |   |   |   | <p><b>Severity</b></p> <p>F = Flecks<br/>         S = Slight<br/>         ME = Medium<br/>         H = Heavy</p> |   |   |   |   |                     |                           |                          |  |  |  |
| SD<br>SL<br>8                                                                                                                                                          | SL<br>7             | SL<br>6             | SL<br>5       | 4       | 3 | 2 | 1 | 1                                                                                                                | 2 | 3 | 4 | 5 | SD<br>SL<br>SB<br>6 | SM<br>SD<br>SL<br>SB<br>7 | SL<br>SD<br>8            |  |  |  |
| <del>SD</del><br>SL<br>8                                                                                                                                               | SD<br>SL<br>SM<br>7 | SD<br>SL<br>FM<br>6 | FD<br>FM<br>5 | FD<br>4 | 3 | 2 | 1 | 1                                                                                                                | 2 | 3 | 4 | 5 | SD<br>SL<br>6       | SL<br>SD<br>SM<br>7       | <del>SL</del><br>SD<br>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<br>>48mm = ♂, <43mm = ♀            | L —      | R 44.32  |
| Femoral Bicondylar Width<br>>76mm = ♂, <74mm = ♀         | L —      | R 73.64  |
| Humerus Head Diameter<br>>47mm = ♂, <43mm = ♀            | L —      | R 43.5   |
| Radius Head Diameter<br>>23mm = ♂, <21mm = ♀             | L —      | R —      |
| Scapula Glenoid Cavity Width<br>>26.6mm = ♂, <26.1mm = ♀ | L 26.48  | R 27.2   |
| Clavicle maximum Length<br>>150mm = ♂, <133mm = ♀        | L 131.78 | R 128.42 |

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=A, R=P             |
| Palatine Torus              | P                    |
| Metopism                    | A                    |
| Lambdoid Ossicle            | A                    |
| Coronal Ossicle             | A                    |
| Epipterice 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=A, R=P             |
| Zygomat. Facial. For        | L=P, R=A             |
| 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        | A                    |
| Foramen Ovale               | R+L=A (complete)     |
| Supra-Orbital Foramen       | L=A (Notch) R=P      |
| Postcondylar facet          | L+R=A                |
| Foramen Spinosum            | L+R=A                |
| Posterior Cond. Canal       | L+R=P                |
| Condylar Facet              | L+R=A                |
| Mastoid Foramen             | L+R=P (extrasutural) |
| Ant. Ethmoid Foramen        | R=P, L=NP            |
| Post. Ethmoid Foramen       | R=P, L=NP            |
| Anterior Condylar Canal     | L=P (bipartite) R=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     |  | A | A |

Atlas

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

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                          |  | NO | P |
| third trochanter                |  | A  | A |
| hypotrochanteric fossa          |  | A  | A |
| exostosis in trochanteric fossa |  | NP | P |

Patella

|                    |  |   |    |
|--------------------|--|---|----|
| vastus notch       |  | P | NP |
| vastus fossa       |  | A | NP |
| emarginate patella |  | A | NP |

Tibia

|                                      |  |   |   |
|--------------------------------------|--|---|---|
| <i>Med. Squath</i> facet form double |  | A | A |
| <i>Lat. Squath</i> facet form single |  | A | P |

Calcaneus

|                   |  |   |   |
|-------------------|--|---|---|
| facet form double |  | A | P |
| facet form single |  | P | A |

52.

left

right

unsided

**Cranial and Facial Metrics**

|                             |      |       |       |
|-----------------------------|------|-------|-------|
| Porion Bregma Height        |      |       |       |
| Orbital Breadth (O'1)       | 38.6 | 38.3  |       |
| Orbital Length (O'2)        | 33.5 | 33.14 |       |
| Basion-Asterion Chord (O91) |      |       |       |
| Malar Height (MH)           |      |       |       |
| Max. Cranial Length (L)     |      |       | 188   |
| Max. Cranial Breadth (B)    |      |       | 136   |
| Min. Frontal Breadth (B')   |      |       | 103   |
| Basion Bregma height (H')   |      |       | 135   |
| Basion-Nasal Length (LB)    |      |       |       |
| Basion-Alveolare (GL)       |      |       |       |
| Upper Facial Height (G'M)   |      |       | 71.1  |
| Bimaxillary Breadth (GB)    |      |       |       |
| Bizygomatic Breadth (J)     |      |       | 110   |
| Nasal Height (NH')          |      |       | 46.58 |
| Nasal Breadth (NB)          |      |       | 26.10 |
| Sup. Nasal Breadth (NB')    |      |       |       |
| Palatal Length (G'1)        |      |       | 54.0  |
| Palatal Breadth (G'2)       |      |       | 37.6  |
| 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    |  |  | 134  |
| Foramen Ment. Breadth ZZ |  |  |      |
| Symphyseal Height HI     |  |  | 31.9 |
| Mandibular Angle MZ      |  |  |      |
| Bigonial Breadth OoGo    |  |  | 101  |
| Max. Mandibular Length   |  |  | 67   |

**Skeleton Recording Sheet  
(Adult)**

53.

left

right

**Femur**

|                      |       |      |
|----------------------|-------|------|
| FeL1 Max. L          | —     | 430  |
| FeL2 Obl. L          |       |      |
| FeD1 A-P Subtroch DI | 27.5  | 27.1 |
| FeD2 M-L Subtroch DI | 34.70 | 30.3 |
| FeDs Max. DI Head    |       |      |
| C Midshaft Circ.     |       |      |
| FeE1 Bicond Width    |       |      |

**Tibia**

|                       |      |       |
|-----------------------|------|-------|
| TiL1 Max. L           | —    | 354   |
| TiB1 Bicond Width     |      | 68.8  |
| TiD1 A-P DI. Nut. For | 32.3 | 32.56 |
| TiD2 M-L DI. Nut. For | 24.0 | 23.24 |

**Fibula**

|             |     |     |
|-------------|-----|-----|
| FiL1 Max. L | 342 | 342 |
|-------------|-----|-----|

**Humerus**

|                   |   |     |
|-------------------|---|-----|
| HuL1 Max. L       | — | 312 |
| HuD5 Max. DI Head |   |     |
| HC Midshaft Circ  |   |     |

**Radius**

|             |     |   |
|-------------|-----|---|
| RaL1 Max. L | 219 | — |
|-------------|-----|---|

**Ulna**

|             |   |   |
|-------------|---|---|
| UiL1 Max. L | — | — |
|-------------|---|---|

**Clavicle**

|             |        |        |
|-------------|--------|--------|
| CiL1 Max. L | 131.78 | 128.42 |
|-------------|--------|--------|



| 54.              | left  | right |
|------------------|-------|-------|
| <b>Scapula</b>   |       |       |
| GC2 Glen. Cav. L | 37.6  | 37.2  |
| GC2 Glen. Cav. B | 26.48 | 27.2  |

|                     |      |  |
|---------------------|------|--|
| <b>Atlas</b>        |      |  |
| Max. Internal width | 28.0 |  |

|                     |       |  |
|---------------------|-------|--|
| <b>Sternum</b>      |       |  |
| SL Max. L. Body     | 102.7 |  |
| ML max. L. Manbrium | 45.62 |  |

|               |        |  |
|---------------|--------|--|
| <b>Sacrum</b> |        |  |
| SacL Max. L   | —      |  |
| SacB Max. B   | 116.52 |  |

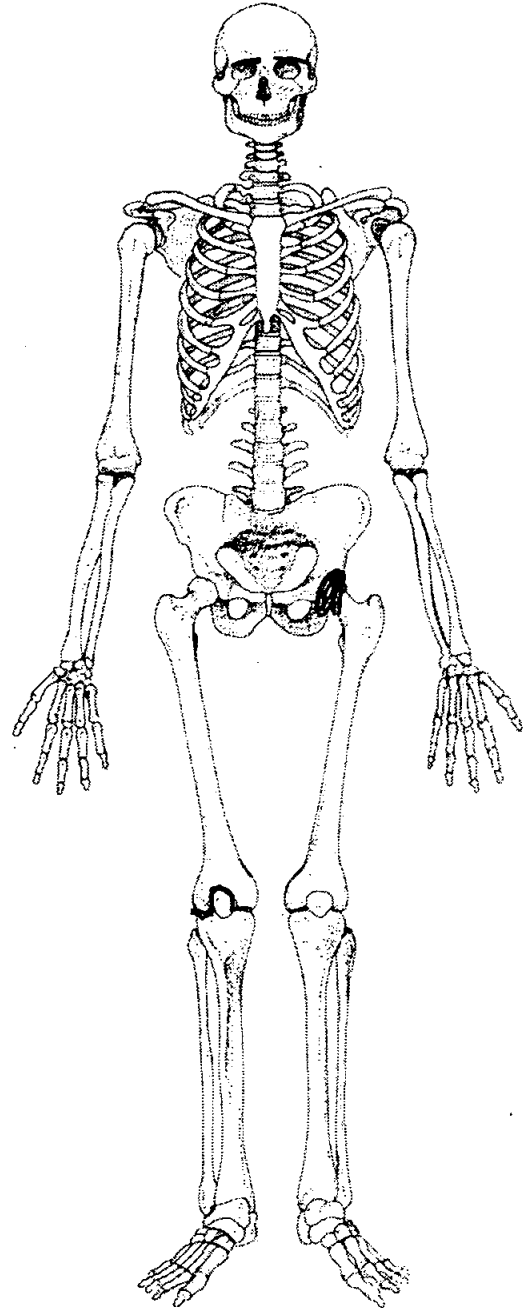
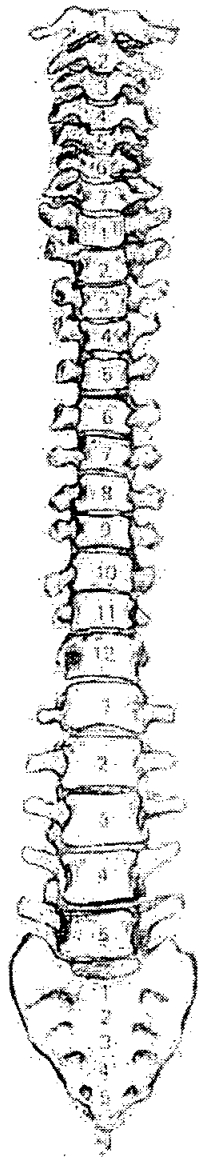
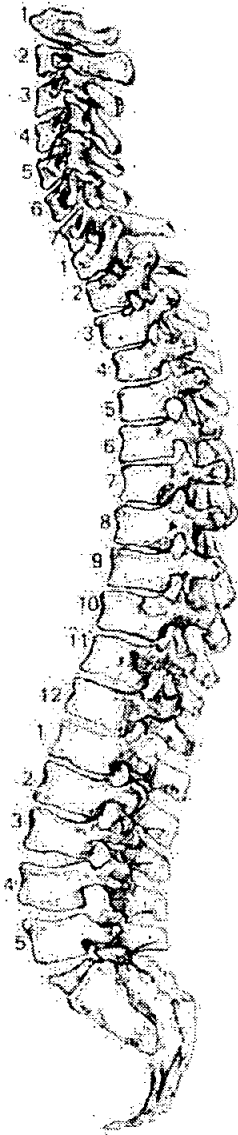
**Indices**

|                |       |  |
|----------------|-------|--|
| <b>Cranial</b> |       |  |
| Height/Length  | 71.80 |  |
| Height/Breadth | 99.26 |  |

|                    |       |       |
|--------------------|-------|-------|
| <b>Nasal</b>       |       |       |
| Upper Facial       | 64.64 |       |
| Foraminal Nasal    | 56.03 |       |
| Palatal            | 73.72 |       |
| Orbital            | 86.79 | 86.53 |
| Mean Porion Height | —     |       |

|                     |       |       |
|---------------------|-------|-------|
| <b>Post Cranial</b> |       |       |
| Platymeric          | 79.25 | 89.44 |
| Platycnemic         | 74.30 | 71.38 |
| Radio-Humeral       | —     | —     |
| Robusticity         |       |       |

55. Pathological Distribution



56. Pathological Description

- \* Isolated large & small poramina situated @ the orbital roofs. Grade 3. The lesions are active = anaemia, Cribra orbitalia
- \* Left hip joint: Partial superiorly dislocation of the femoral head resulting in ankylosis. Longstanding & healed.
- \* Right distal femur: Slight lipping of the ~~distal~~ joint margin of the femoral condyles & patellar surface. = Degenerative joint disease.

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

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

*Porosity slight on vertebral bodies.*

538

1. Site Name OLP 00

2. Date of Record 06 02 01

3. Period P-M

4. Skeleton Number 538 5. Age 20-25

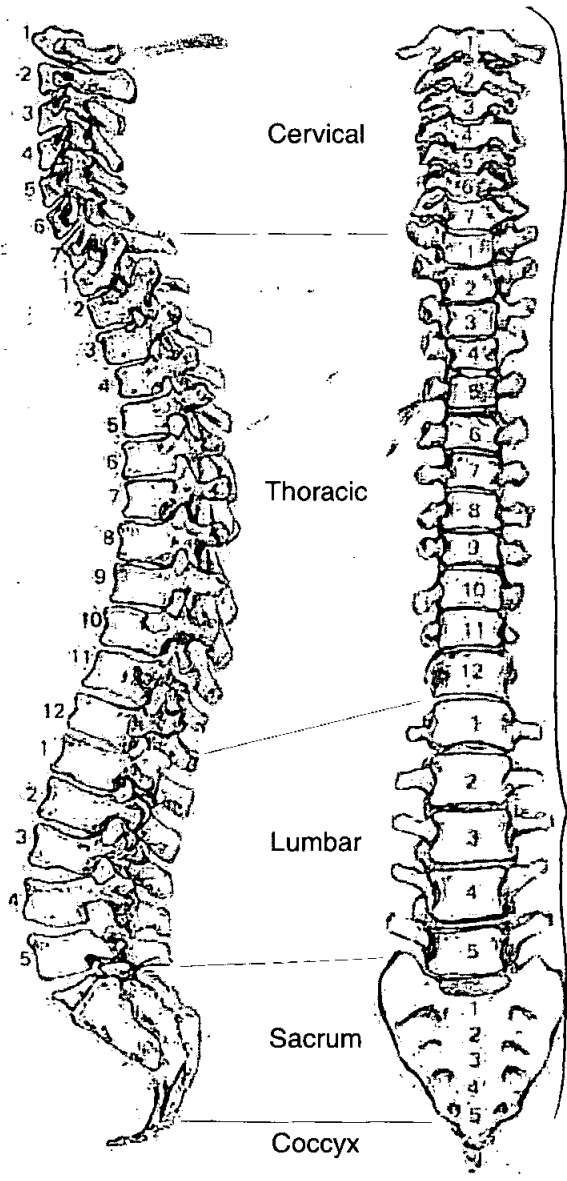
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 160.92 ± 2.99 cm

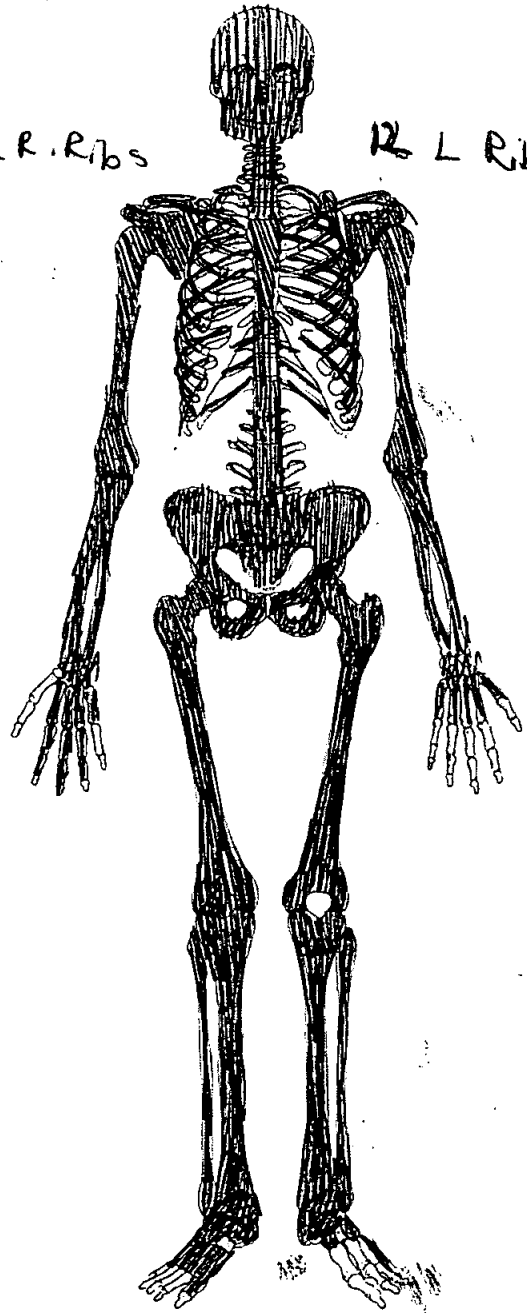
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions But dirty  
Dental disease, Trauma: Healed depressed skull fracture, Cribria orbitalia + porotic hyperostosis, Anaemia, Rickets - healed; Distal right tibia: nonspecific infection - periostitis, active; Possible fracture of proximal right ulna, Possible specific infection, TB??

10. Diagram of Bones Present 1



12 R. Ribs 12 L Ribs

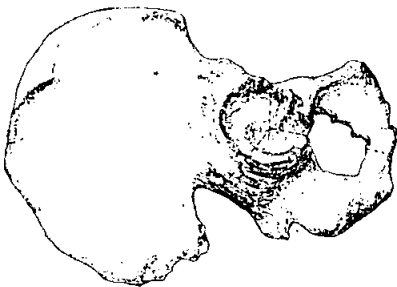
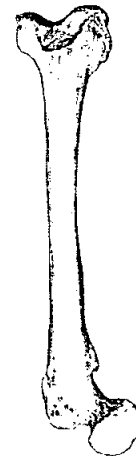
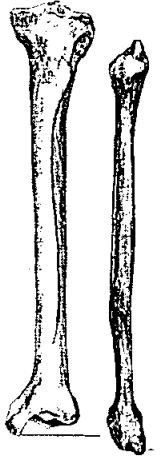
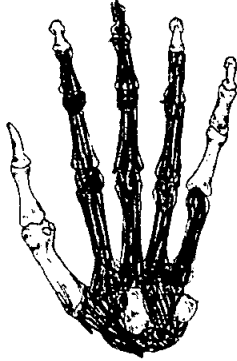
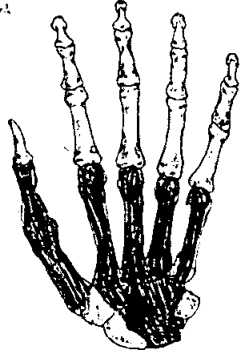


Present & Complete

11. Diagram of Bones Present 2

L

R



**Adult Age Estimation**

13. Epiphyseal Fusion

sternal ends of clavicles unfused -  
younger than 28 years.

14. Dental Eruption and Development

15. Dental Attrition

18-25

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♂ stage I - mean 18.5

17. Sternal End of Ribs

♂ stage 2 age 20.8-23.1

18. Cranial Suture Closure

19. Ilium Auricular Surface

20-25

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

F

**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

F

34. Obturator Foramen

M

35. Pelvic Brim

M?

36. Acetabulum

M?

37. Ilium Auricular Surface

F?

**Sacrum**

38. Segments

F?

39. Morphology

M

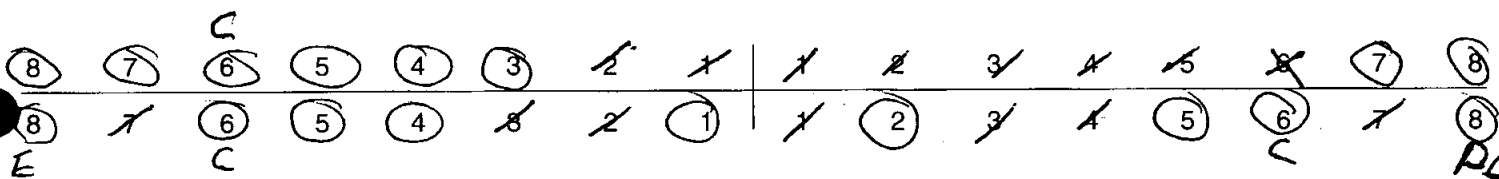
**Sternum**



**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



41. Bite

Overbite     Underbite     Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

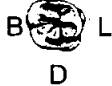
Left

Right

Left

Right

M1



M2

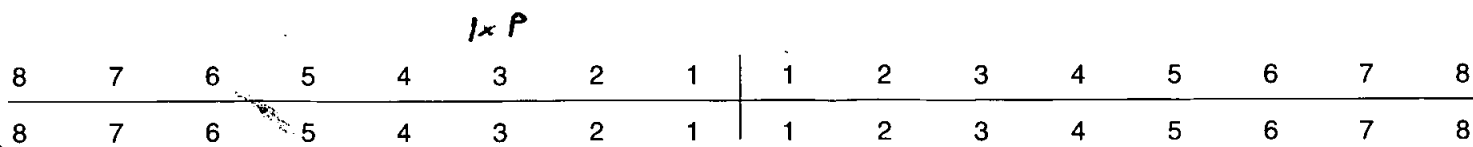


M3



43. Dental Hyoplasia

P = Pit    L = Line    G = Groove



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 |
|   |   | LS | LS | LS |   |   | LS |   | LS |   |   |   |   |   |   |
|   |   |    | MS |    |   |   |    |   |    |   |   |   |   |   |   |

45. Periodontal Disease (Brothwell 1981)

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

46. Caries (Lukacs 1989)

|                 | Small | Medium | Large   |
|-----------------|-------|--------|---------|
| Occusal         |       |        | 6/16/6/ |
| Mesial          |       |        |         |
| Distal          |       |        |         |
| Buccal / Labial |       |        |         |
| Lingual         |       |        |         |
| Multiple        |       |        |         |

47. Abscess

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

48. Dental Anomalies

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

49. Metrical Data

|                                                          |                    |          |
|----------------------------------------------------------|--------------------|----------|
| Femoral Head Diameter<br>>48mm = ♂, <43mm = ♀            | L 47.0             | R 47.20  |
| Femoral Bicondylar Width<br>>76mm = ♂, <74mm = ♀         | L 77.80            | R 77.0   |
| Humerus Head Diameter<br>>47mm = ♂, <43mm = ♀            | L 47.62            | R 47.70  |
| Radius Head Diameter<br>>23mm = ♂, <21mm = ♀             | L <del>24.30</del> | R 24.30  |
| Scapula Glenoid Cavity Width<br>>26.6mm = ♂, <26.1mm = ♀ | L 24.62            | R 25.80  |
| Clavicle maximum Length<br>>150mm = ♂, <133mm = ♀        | L 130.50           | R 134.34 |

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     | A (R+L)             |
| Palatine Torus              | A                   |
| Metopism                    | A                   |
| Lambdoid Ossicle            | L=A, R=P            |
| Coronal Ossicle             | A                   |
| Epipteric Bone              | L+R=A               |
| Ossicle at Asterion         | L+R=A               |
| Parietal Notch Bone         | L=A, R=P            |
| Fronto-temporo Articulation | L+R=A               |
| Parietal Foramen            | L=P, R=A            |
| Access Infraorb. For        | L+R=A               |
| Zygomat. Facial. For        | L:?, R:!            |
| Frontal. For                | L+R=P               |
| Foramen of Huschke          | L=A, R=NO           |
| Auditory Torus              | L=A, R=NO           |
| Mandibular Torus            | A                   |
| Torus Maxillares            | A                   |
| Precondylar Tubercle        | A                   |
| Foramen Ovale               | <del>NP</del>       |
| Supra-Orbital Foramen       | <del>NP</del>       |
| Postcondylar facet          | L+R=A (No holes)    |
| Foramen Spinosum            | <del>NP</del> L+R=A |
| Posterior Cond. Canal       | <del>NP</del> L+R=P |
| Condylar Facet              | <del>NP</del> L+R=A |
| Mastoid Foramen             | L+R=A (single)      |
| Ant. Ethmoid Foramen        | L+R=A (sutural)     |
| Post. Ethmoid Foramen       | NP                  |
| Anterior Condylar Canal     | NP                  |
|                             | L+R=P (Bipartite)   |

DRP

538

Skeleton Recording Sheet

A = Absent, P = Present, NP = Bone not pres (Adult)
NO = Trait not observable (too dirty)

51. Humerus

Table with 3 columns: unsided, left, right. Rows: septal aperture, supra-conyloid process.

Scapula

Table with 3 columns: unsided, left, right. Rows: supra-scapular foramen/notch, acromial articular facet.

Atlas

Table with 3 columns: unsided, left, right. Rows: facet form double/single, lateral bridge, posterior bridge, transverse foramen biparite.

Pelvis

Table with 3 columns: unsided, left, right. Row: accessory facets.

Sacrum

Table with 3 columns: unsided, left, right. Rows: accessory facets, spina bifida occulta.

Femur

Table with 3 columns: unsided, left, right. Rows: allen's fossa, polirier's facet, plaque, third trochanter, hypotrochanteric fossa, exostosis in trochanteric fossa.

Patella

Table with 3 columns: unsided, left, right. Rows: vastus notch, vastus fossa, emarginate patella.

Tibia

Table with 3 columns: unsided, left, right. Rows: med. Squatt facet form double, lat. Squatt facet form single.

Calcaneus

Table with 3 columns: unsided, left, right. Rows: facet form double, facet form single.

52.

left

right

unsided

**Cranial and Facial Metrics**

|                             |                        |       |                  |
|-----------------------------|------------------------|-------|------------------|
| Porion Bregma Height        |                        |       |                  |
| Orbital Breadth (O'1)       | 38.44                  | 37.24 |                  |
| Orbital Length (O'2)        | 37.16 <del>40.18</del> | 37.08 |                  |
| Basion-Asterion Chord (O91) |                        |       |                  |
| Malar Height (MH)           |                        |       |                  |
| Max. Cranial Length (L)     |                        |       | 187              |
| Max. Cranial Breadth (B)    |                        |       | 139              |
| Min. Frontal Breadth (B')   |                        |       | 96               |
| Basion Bregma height (H')   |                        |       | 134              |
| Basion-Nasal Length (LB)    |                        |       |                  |
| Basion-Alveolare (GL)       |                        |       |                  |
| Upper Facial Height (G'M)   |                        |       | 70.22            |
| Bimaxillary Breadth (GB)    |                        |       |                  |
| Bizygomatic Breadth (J)     |                        |       | 100.42           |
| Nasal Height (NH')          |                        |       | 54.60            |
| Nasal Breadth (NB)          |                        |       | 20.70            |
| Sup. Nasal Breadth (NB')    |                        |       | <del>44.28</del> |
| Palatal Length (G'1)        |                        |       | 44.28            |
| Palatal Breadth (G'2)       |                        |       | 31.90            |
| 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    |  |  | 112   |
| Foramen Ment. Breadth ZZ |  |  |       |
| Symphyseal Height HI     |  |  | 30.60 |
| Mandibular Angle MZ      |  |  |       |
| Bigonial Breadth OoGo    |  |  | 95    |
| Max. Mandibular Length   |  |  | 69    |

53.

left

right

**Femur**

|                      |       |       |
|----------------------|-------|-------|
| FeL1 Max. L          | 405   | 409   |
| FeL2 Obl. L          |       |       |
| FeD1 A-P Subtroch DI | 28.3  | 27.70 |
| FeD2 M-L Subtroch DI | 32.62 | 30.80 |
| FeDs Max. DI Head    | 47.0  | 47.20 |
| C Midshaft Circ.     |       |       |
| FeE1 Bicond Width    | 77.8  | 77.0  |

**Tibia**

|                       |       |       |
|-----------------------|-------|-------|
| TiL1 Max. L           | 246   | 343   |
| TiB1 Bicond Width     | —     | —     |
| TiD1 A-P DI. Nut. For | 28.50 | 28.10 |
| TiD2 M-L DI. Nut. For | 24.40 | 24.70 |

**Fibula**

|             |     |     |
|-------------|-----|-----|
| FiL1 Max. L | 327 | 323 |
|-------------|-----|-----|

**Humerus**

|                   |       |       |
|-------------------|-------|-------|
| HuL1 Max. L       | 293   | 294   |
| HuD5 Max. DI Head | 47.62 | 47.70 |
| HC Midshaft Circ  |       |       |

**Radius**

|             |     |     |
|-------------|-----|-----|
| RaL1 Max. L | 203 | 204 |
|-------------|-----|-----|

**Ulna**

|             |     |     |
|-------------|-----|-----|
| UiL1 Max. L | 222 | 221 |
|-------------|-----|-----|

**Clavicle**

|             |       |        |
|-------------|-------|--------|
| ClL1 Max. L | 130.5 | 134.34 |
|-------------|-------|--------|

54.

left

right

**Scapula**

|                  |       |       |
|------------------|-------|-------|
| GC2 Glen. Cav. L | 39.70 | 39.90 |
| GC2 Glan. Cav. B | 24.62 | 25.80 |

**Atlas**

|                         |  |       |  |
|-------------------------|--|-------|--|
| Max. Internal width M-L |  | 26.60 |  |
|-------------------------|--|-------|--|

**Sternum**

|                     |  |       |  |
|---------------------|--|-------|--|
| SL Max. L. Body     |  | 82.60 |  |
| ML max. L. Manbrium |  | 50.40 |  |

**Sacrum**

|             |  |     |  |
|-------------|--|-----|--|
| SacL Max. L |  | 115 |  |
| SacB Max. B |  | 119 |  |

**Indices**

**Cranial**

|                |  |       |  |
|----------------|--|-------|--|
| Height/Length  |  | 71.66 |  |
| Height/Breadth |  | 96.40 |  |

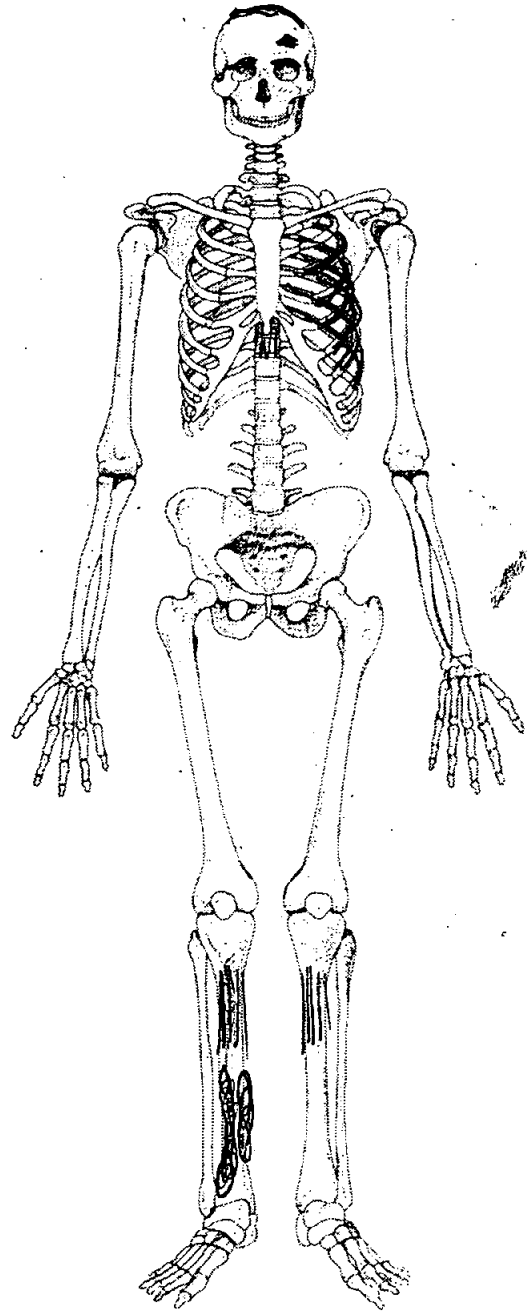
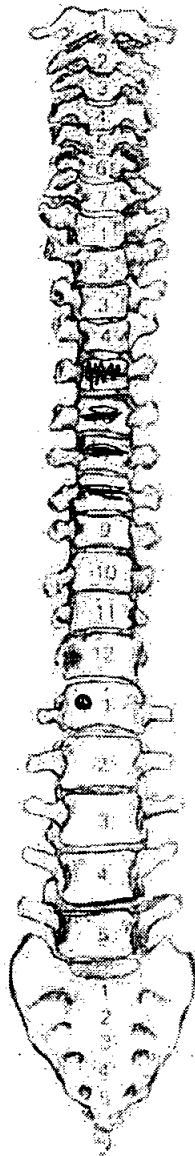
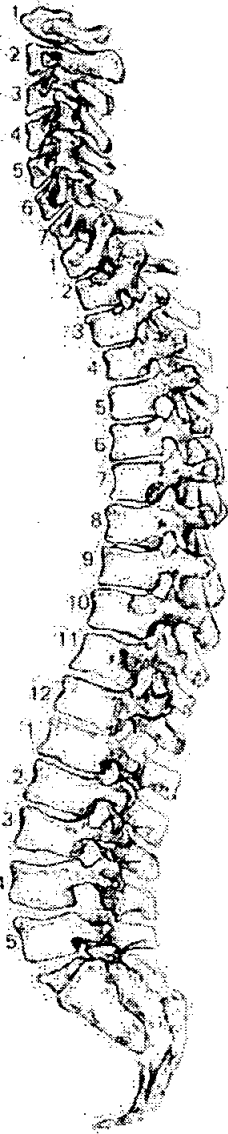
**Nasal**

|                           |       |       |       |
|---------------------------|-------|-------|-------|
| Upper Facial              |       | 69.93 |       |
| <del>Foramina</del> Nasal |       | 37.91 |       |
| Palatal                   |       | 72.04 |       |
| Orbital                   | 96.67 |       | 99.57 |
| Mean Porion Height        |       |       |       |

**Post Cranial**

|               |       |       |
|---------------|-------|-------|
| Platymeric    | 86.76 | 89.94 |
| Platycnemic   | 85.61 | 87.90 |
| Radio-Humeral | 69.28 | 69.39 |
| Robusticity   |       |       |

55. Pathological Distribution



56. Pathological Description

- \* Trauma - Small, healed (longstanding) depressed skull fracture situated on the frontal bone 36.5 mm superior to the left orbital edge. The lesion is oblong (M-L) & measured M-L 16.3 mm & A-P 8.40 mm.
- \* Porosity present consisting of large & fine isolated poramina (Grade 3) situated in the antero-lateral & antero-intermediate sectors of the orbital roofs. = Cribra orbitalis caused by anaemia. Lesions are active.
- \* Porosity is also present on the parietals, on the posterior parts extending into the occipital region = porotic hyperostosis caused by anaemia. Lesions are active.
- \* 5 ribs from the middle of the ribcage on the left side has new bone formations on the visceral surfaces. The lesions are healed. = NI
- \* Bilateral lateral bowing of the tibiae. = Healed rickets
- \* Right tibia periostitis present on the lateral side extending from mid-shaft to the distal end of the shaft. The lesions consists of healed lamellar bone & new bone formations indicating the lesion is active. The fibula is not involved. → Over



\* Right ulna: Proximal end, inferior to the coronoid process on the posterior side. Area of new bone formation covering the posterior, ~~anter~~ & lateral aspect of the bone measuring 66.4 mm prox  $\rightarrow$  dist + 22.4 mm M-L. It is possibly a callous formation due to a fracture. The fracture has not displaced the bone ends nor is there any malalignment. It is therefore likely to be a "greenstick" fracture or a stress fracture, i.e. the bone was not completely broken in two pieces. This may explain why the callous does not extend around the whole shaft of the bone. It may also be an area of periostitis = NI. The lesion is still active.

\* Spine:

L7 - has a circular lytic lesion situated on the anterior aspect of the body. Trabecular internal structure is visible & no remodelling is evident = active. 3.5 mm deep &  $\varnothing$  4.1 mm.

T5-8: T5 has small circular lytic lesions on the anterior aspect of the body. No evidence of remodelling; active.

T6-8: The lesions are long & thin situated on the middle of the anterior part of the bodies. Measuring approx 15.5 mm (length) & 3.5 mm ~~long~~ (width). The lesions has areas of remodelling as well as active lytic lesions.

These lesions on the anterior bodies are small. However, they may be early manifestations of tuberculosis, especially since healed rib lesions are present.

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

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

1. Site Name 0100

2. Date of Record 

|    |    |    |
|----|----|----|
| 09 | 02 | 01 |
|----|----|----|

3. Period Post-Med

4. Skeleton Number 

|   |   |   |  |  |  |  |
|---|---|---|--|--|--|--|
| 5 | 3 | 9 |  |  |  |  |
|---|---|---|--|--|--|--|

5. Age 

|  |  |
|--|--|
|  |  |
|--|--|

50-59 YEARS.

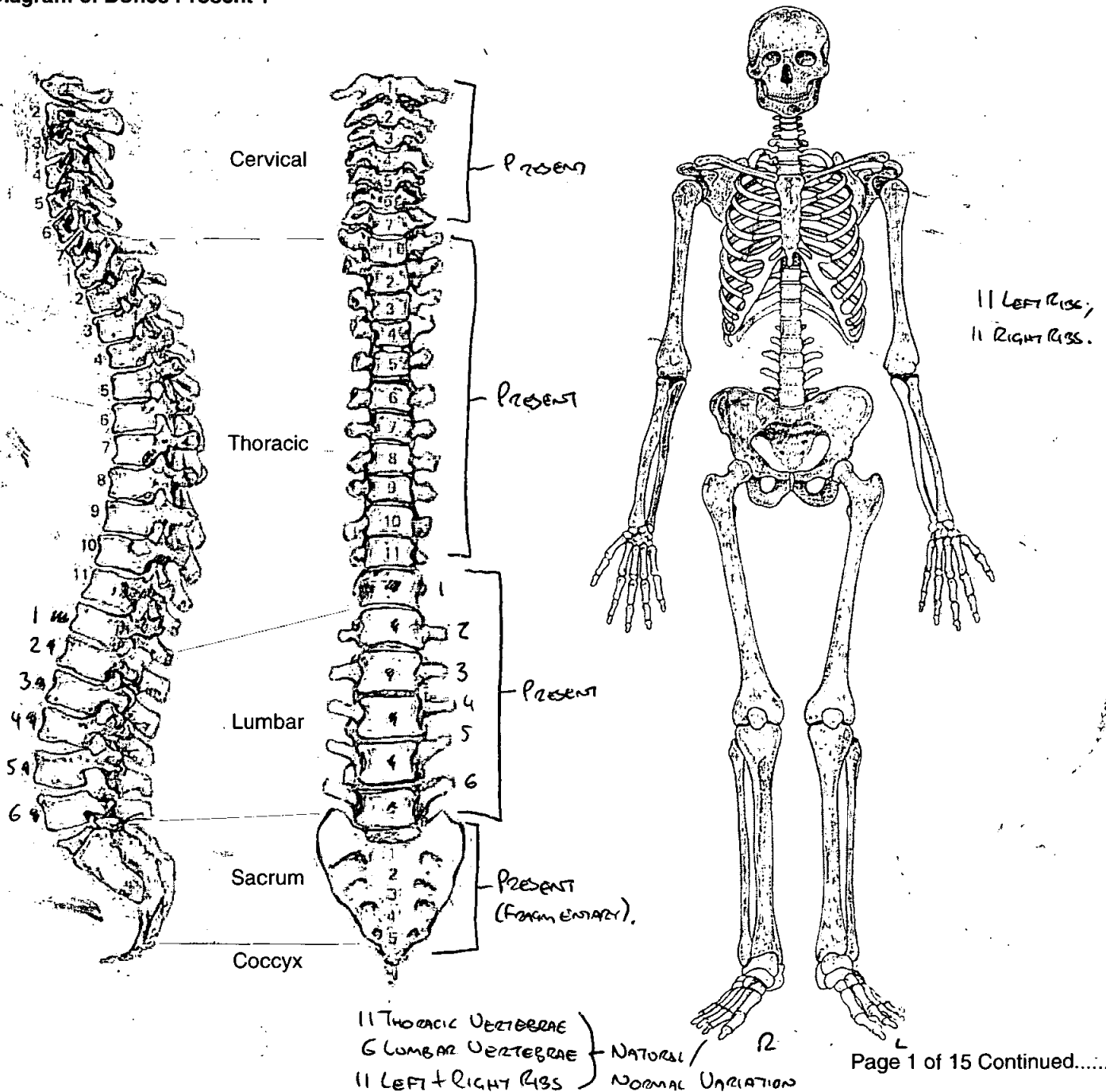
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 163.00 ± 2.99 cm

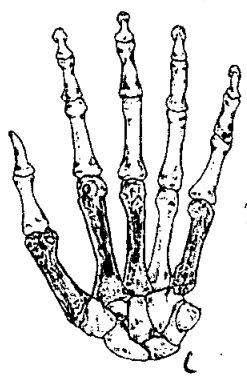
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions RICKETS; DENTAL DISEASE; SOLIS DISEASE; PERIOSTEAL REACTION ABOVE COBOS; OSTEOPLATE FORMATION UPON VARIOUS PARTS OF BONY; SCHMORL'S NOSES.

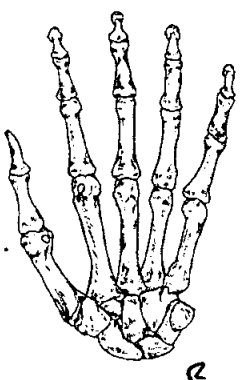
### 10. Diagram of Bones Present 1



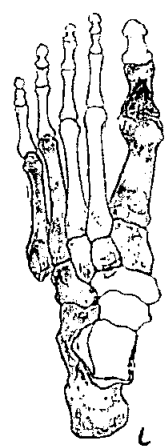
**11. Diagram of Bones Present 2**



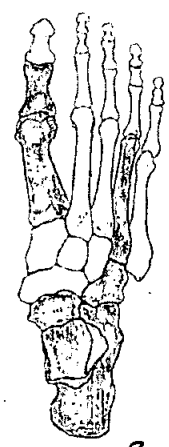
3 PROXIMAL PHALANXES



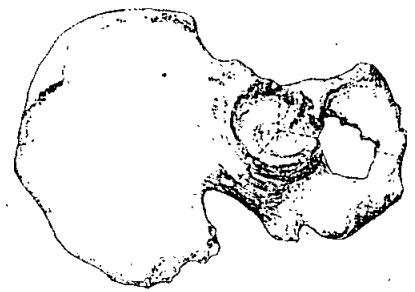
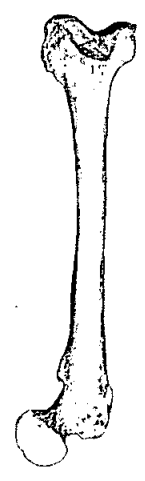
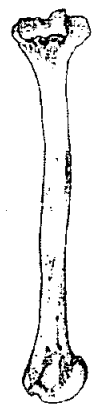
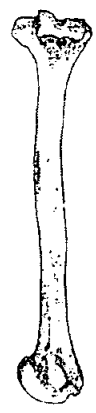
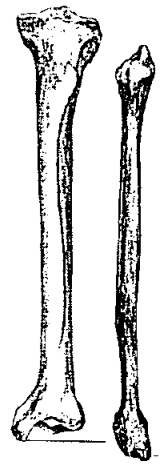
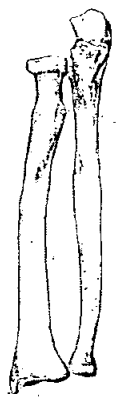
R



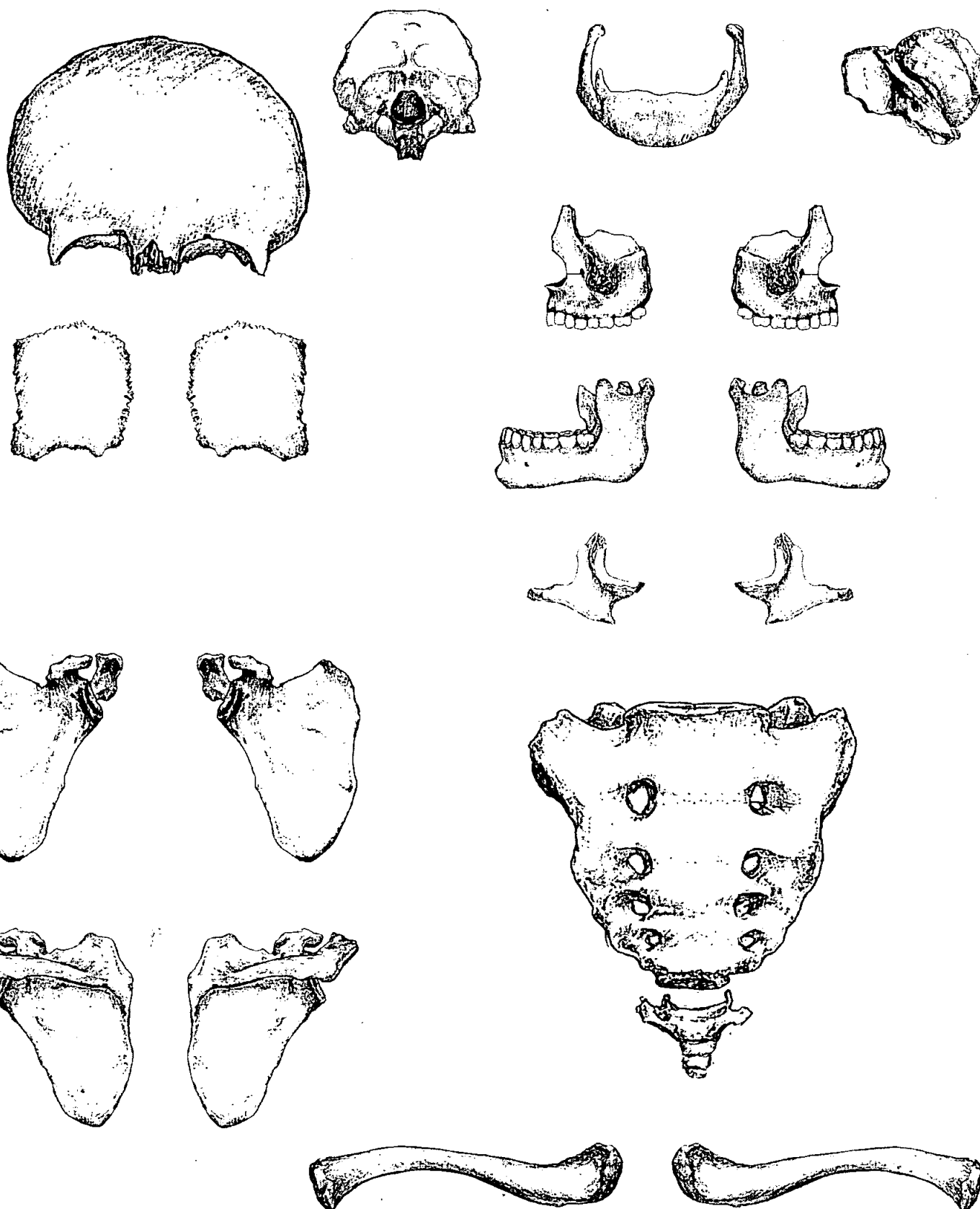
1 DISTAL;  
3 PROXIMAL PHALANXES



R



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. C. 78+ Years

All Molars Lost AIM. Possible M3 Socket on Left Mandible.

No Molars To Estimate Attrition From

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

Left Os Coxa Missing; Right Os Coxa Stage II - C. 49-73 Years

Right Os Coxa - Stage III - C. 50-59

From Pubic Symphysis To I.A.S - Individual Aged At Between 50-59 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 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 SACRUM Top FRAGMENTARY
- 39. Morphology u ~

**Sternum**

MALE

**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

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------|
| X | X | X | X | X | / | / | X | X | / | / | X | X | X | X | X              |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 <sub>R</sub> |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8              |
| X | X | X | / | B | C | / | X | / |   | X |   | X | X | X | X              |
|   |   |   | A |   |   |   |   |   |   |   |   | A |   |   |                |

**41. Bite**                       Overbite     Underbite     Edge to Edge

**42. Molar Attrition**

M1

M2

M3

Mandible

Maxilla

Left

Right

Left

Right

|    |      |      |      |      |
|----|------|------|------|------|
|    | M    | M    | M    | M    |
| M1 | B  L | B  L | B  L | B  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 |
|   |   |   |   | S |   | S |   |   |   |   |   |   |   |   |   |
|   |   |   |   | A |   | A |   |   |   |   |   |   |   |   |   |

45. Periodontal Disease (Brothwell 1981)

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

46. Caries (Lukacs 1989)

Small                      Medium                      Large

|                 |  |          |
|-----------------|--|----------|
| Occlusal        |  | <u>3</u> |
| Mesial          |  |          |
| Distal          |  |          |
| Buccal / Labial |  |          |
| Lingual         |  |          |
| Multiple        |  |          |

47. Abscess

|                |         |
|----------------|---------|
| Internal Drain |         |
| External Drain | 57 + 15 |

48. Dental Anomalies

.....

.....

.....

.....

.....

49. Metrical Data

|                                                          |       |              |
|----------------------------------------------------------|-------|--------------|
| Femoral Head Diameter<br>>48mm = ♂, <43mm = ♀            | L 44  | R 45         |
| Femoral Bicondylar Width<br>>76mm = ♂, <74mm = ♀         | L 73  | R 74         |
| Humerus Head Diameter<br>>47mm = ♂, <43mm = ♀            | L 43  | R INCOMPLETE |
| Radius Head Diameter<br>>23mm = ♂, <21mm = ♀             | L 20  | R 18         |
| Scapula Glenoid Cavity Width<br>>26.6mm = ♂, <26.1mm = ♀ | L 23  | R 23         |
| Clavicle maximum Length<br>>150mm = ♂, <133mm = ♀        | L 138 | R 140        |

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; A on Right |
| Access Infraorb. For        | A                           |
| Zygomat. Facial. For        | A                           |
| 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 on Both Sides        |
| Ant. Ethmoid Foramen        | A                           |
| Post. Ethmoid Foramen       | A                           |
| Anterior Condylar Canal     | A                           |

**Skeleton Recording Sheet  
(Adult)**

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 - Too Fragmentary

|                      |   |  |  |
|----------------------|---|--|--|
| 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 | A |
| vastus fossa       |  | A | A |
| emarginate patella |  | A | A |

Tibia

|                   |  |   |   |
|-------------------|--|---|---|
| facet form double |  | A | A |
| facet form single |  | ✓ | ✓ |

Calcaneus

|                   |  |   |   |
|-------------------|--|---|---|
| facet form double |  | ✓ | ✓ |
| facet form single |  | A | A |

52.

left

right

unsided

**Cranial and Facial Metrics**

|                             |    |    |     |
|-----------------------------|----|----|-----|
| Porion Bregma Height        |    |    |     |
| Orbital Breadth (O'1)       | 38 | 35 |     |
| Orbital Length (O'2)        | 32 | 33 |     |
| Basion-Asterion Chord (O91) |    |    |     |
| Malar Height (MH)           |    |    |     |
| Max. Cranial Length (L)     |    |    | 193 |
| Max. Cranial Breadth (B)    |    |    | 138 |
| Min. Frontal Breadth (B')   |    |    | 115 |
| Basion Bregma height (H')   |    |    | 153 |
| Basion-Nasal Length (LB)    |    |    |     |
| Basion-Alveolare (GL)       |    |    |     |
| Upper Facial Height (G'M)   |    |    |     |
| Bimaxillary Breadth (GB)    |    |    | 82  |
| Bizygomatic Breadth (J)     |    |    |     |
| Nasal Height (NH')          |    |    |     |
| Nasal Breadth (NB)          |    |    | 120 |
| Sup. Nasal Breadth (NB')    |    |    |     |
| Palatal Length (G'1)        |    |    | 24  |
| Palatal Breadth (G'2)       |    |    | 48  |
| Frontal Arc (S1)            |    |    | 43  |
| Parietal Arc (S2)           |    |    | 38  |
| 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    |  |  | 124 |
| Foramen Ment. Breadth ZZ |  |  |     |
| Symphyseal Height HI     |  |  | 73  |
| Mandibular Angle MZ      |  |  |     |
| Bigonial Breadth OoGo    |  |  | 80  |
| Max. Mandibular Length   |  |  | 119 |

53.

left

right

**Femur**

|                      |     |     |
|----------------------|-----|-----|
| FeL1 Max. L          | 419 | 423 |
| FeL2 Obl. L          |     |     |
| FeD1 A-P Subtroch DI | 29  | 29  |
| FeD2 M-L Subtroch DI | 35  | 31  |
| FeDs Max. DI Head    | 44  | 45  |
| C Midshaft Circ.     |     |     |
| FeEI Bicond Width    | 73  | 74  |

**Tibia**

|                       |     |     |
|-----------------------|-----|-----|
| TiL1 Max. L           | 349 | 352 |
| TiB1 Bicond Width     | 69  | 71  |
| TiD1 A-P DI. Nut. For | 29  | 33  |
| TiD2 M-L DI. Nut. For | 20  | 21  |

**Fibula**

|             |     |     |
|-------------|-----|-----|
| FIL1 Max. L | 334 | 337 |
|-------------|-----|-----|

**Humerus**

|                   |     |            |
|-------------------|-----|------------|
| HuL1 Max. L       | 303 | incomplete |
| HuD5 Max. DI Head | 43  | incomplete |
| HC Midshaft Circ  |     |            |

**Radius**

|             |     |     |
|-------------|-----|-----|
| RaL1 Max. L | 220 | 221 |
|-------------|-----|-----|

**Ulna**

|             |            |     |
|-------------|------------|-----|
| UiL1 Max. L | incomplete | 236 |
|-------------|------------|-----|

**Clavicle**

|             |     |     |
|-------------|-----|-----|
| CiL1 Max. L | 138 | 140 |
|-------------|-----|-----|

**Skeleton Recording Sheet (Adult)**

54.

left

right

**Scapula**

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

38  
28

39  
23

**Atlas**

Max. Internal width

24

**Sternum**

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

94  
51

**Sacrum - FRAGMENTARY**

SacL Max. L  
SacB Max. B

**Indices**

**Cranial**

Height/Length  
Height/Breadth

79.27  
110.86

**Nasal**

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

68.33  
50  
88.37

84.21

94.28

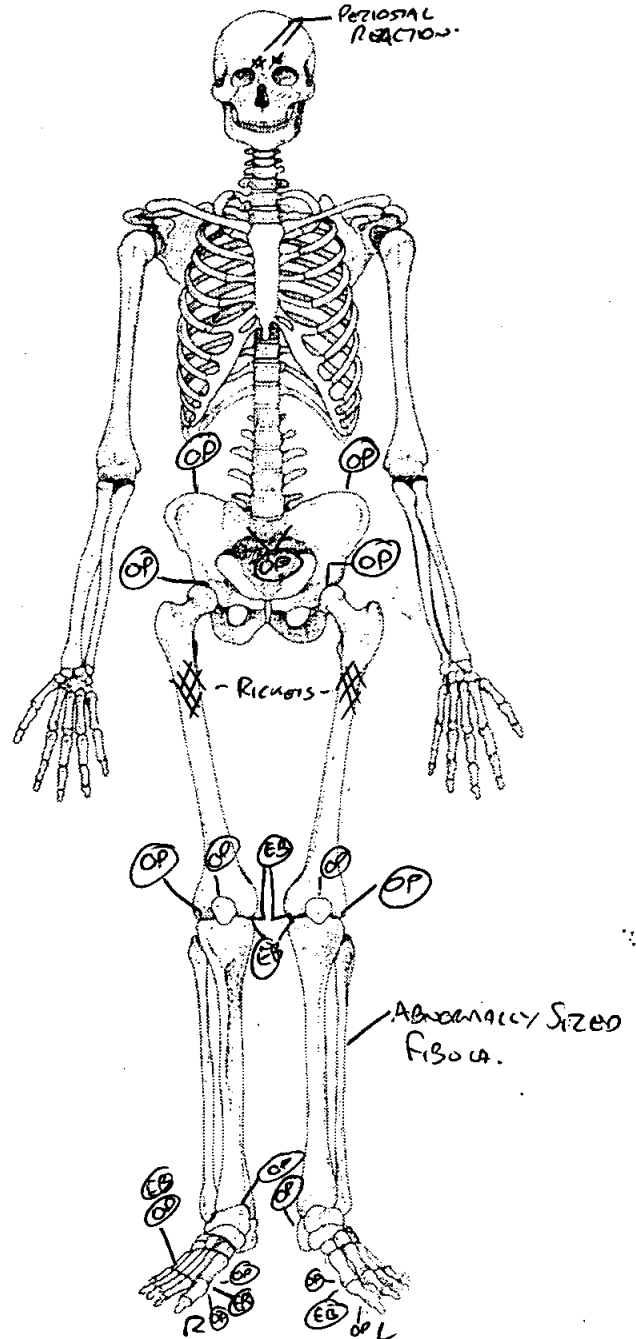
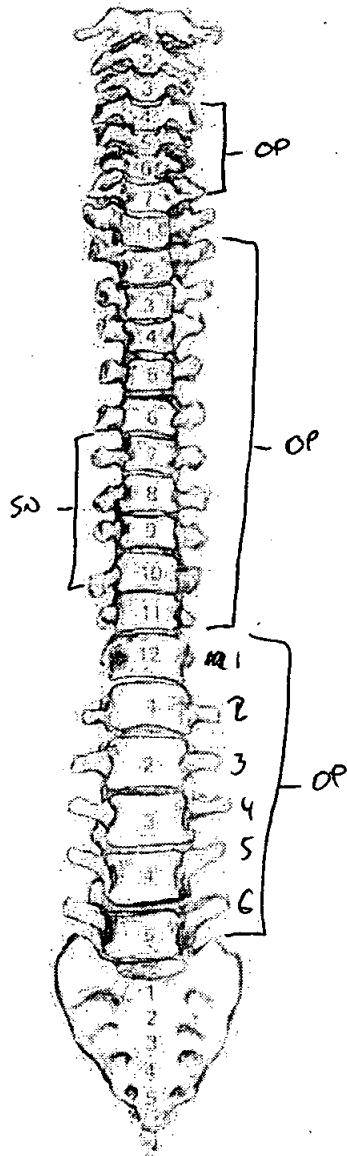
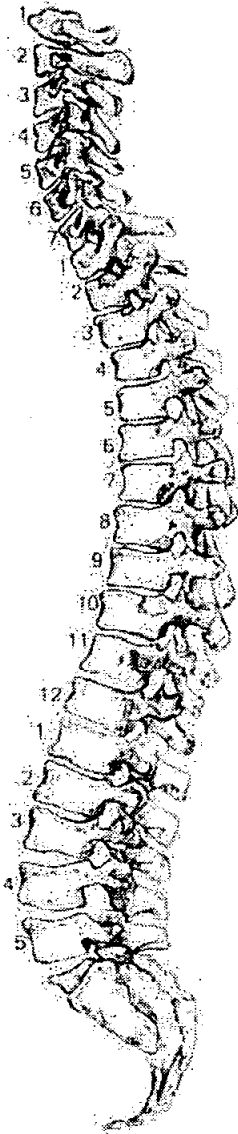
**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

82.86  
68.96  
72.61

93.55  
63.64

55. Pathological Distribution



56. Pathological Description

\* RICKETS - BOTH FEMUR SHAFTS SHOW EVIDENCE OF BOWING (↳ THEM (POSTERIOR → ANTERIOR). IT IS MAINLY CENTRED UPON THE FIRST 1/3RD TO HALF OF THE SHAFT.

\* SOFT DISEASE - THE MEDIAL CONDYLOE ON THE LEFT FEMOR SHOWS EROSIONS UPON HIS SURFACE.

\* OSTEOPHYTES - THESE ARE FOUND UPON THE CONDYLOE REGION OF THE LEFT FEMUR. THEY ARE MODERATE IN NATURE.

\* SOFT DISEASE - AS WITH THE LEFT FEMUR; THE RIGHT FEMUR'S MEDIAL CONDYLOE ALSO SHOWS EVIDENCE OF EROSION ON HIS SURFACE.

\* OSTEOPHYTES - OSTEOPHYTES HAVE BEEN FORMED AROUND THE RIM OF THE CONDYLOE REGION ON THE RIGHT FEMUR.

\* OSTEOPHYTES - SLIGHT OSTEOPHYTE FORMATIONS CAN BE NOTED UPON THE LEFT AND RIGHT OS COXA AT THE ILLIAC REGIONS; ILIAC CREST AND ACETABULUM'S.

\* A SLIGHT PERIOSTEAL REACTION CAN BE FOUND JUST ABOVE THE ORBITS. IT IS OF LAMBLER BONE LIKE NATURE.

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

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

L6

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

\* OSTEOPHYTES WERE FOUND UPON THE SUPERIOR BODY OF: C5-7; T2; T4-T11; L1-6.  
INFERIOR BODY OF: C4-7; T2-T11; L1-L6.

\* SCHMORL NODES WERE FOUND UPON THE INFERIOR SURFACE OF VERTEB: T7-T10.

\* EBURNATION (BONE DISEASE) WAS FOUND UPON THE MEDIAL CONDYLE OF THE LEFT TIBIA.  
IT WAS ALSO FOUND UPON THE SAME POSITION IN THE RIGHT TIBIA.

\* OSTEOPHYTES - AROUND THE POSTERIOR RIM OF BOTH PATELLAS OSTEOPHYTES HAD FORMED.

\* FOOT: -

1ST PROXIMAL PHALANX (LEFT + RIGHT) - BOTH DISPLAY EVIDENCE OF EBURNATION UPON THE SURFACE THAT ARTICULATES WITH THE 1ST METATARSAL. OSTEOPHYTES HAVE FORMED UPON THE SURFACES THAT ARTICULATE WITH THE DISTAL PHALANXES -

1ST METATARSAL (LEFT + RIGHT) - BOTH LEFT + RIGHT FIRST METATARSALS HAVE SEVERE OSTEOPHYTE FORMATION UPON THEIR HEADS - BOTH ALSO DISPLAY EBURNATION IN THE HEAD REGION TOO.

4TH METATARSAL (RIGHT) - SHOWS EBURNATION ON THE FACE THAT ARTICULATES WITH THE RIGHT 5TH METATARSAL. ALSO SLIGHT OSTEOPHYTE FORMATION UPON THE BASE -

TALUS (RIGHT) - THE RIGHT TALUS SHOWS SLIGHT OSTEOPHYTE FORMATION UPON THE HEAD AND TIBIAL ARTICULATION SURFACE.

CUBOID (RIGHT) - OSTEOPHYTES CAN BE FOUND UPON ALL FACES. IT IS MODERATE IN NATURE.

CUBOID (LEFT) - OSTEOPHYTES CAN BE FOUND UPON ALL FACES. IT IS MODERATE IN NATURE.  
P.7.0.

LEFT CALCANEUS - OSTEOPHYTES (MODERATE IN NATURE) HAVE FORMED UPON THE HEEL,  
ARTICULAR SURFACE FOR THE BODY OF THE TARSAL AND THE  
SUSTENTACULUM TALI.

LEFT 1ST CUNEIFORM - ELEVATION IS NOTED UPON THE SUPERIOR SURFACE OF THE BONE.

LEFT 2ND CUNEIFORM - SEVERE OSTEOPHYTE FORMATION IS NOTED ON ALL SURFACES.

LEFT 3RD CUNEIFORM - SLIGHT OSTEOPHYTE FORMATION IS NOTED ON ALL SURFACES.

\* LEFT FIBULA - THE INTRAOSSEOUS CREST ALONG THE SHAFT OF THE FIBULA  
IS VERY PRONOUNCED. THE WIDTH OF IT IS APPROX. DOUBLE  
THAT OF THE RIGHT. HOWEVER, NO NEW BONE  
FORMATION EXISTS ON THE SURFACE. POSSIBLE OLD REACTION  
TO SOME DISEASE AT LEFT KNEE (?).

1. Site Name OLR 00

2. Date of Record 8 11 00

3. Period NAMES

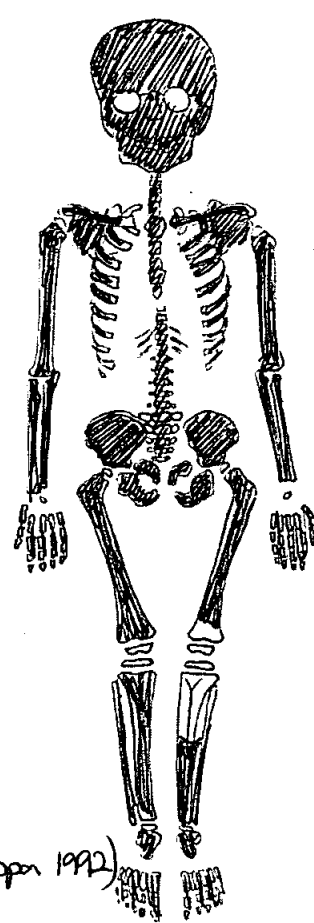
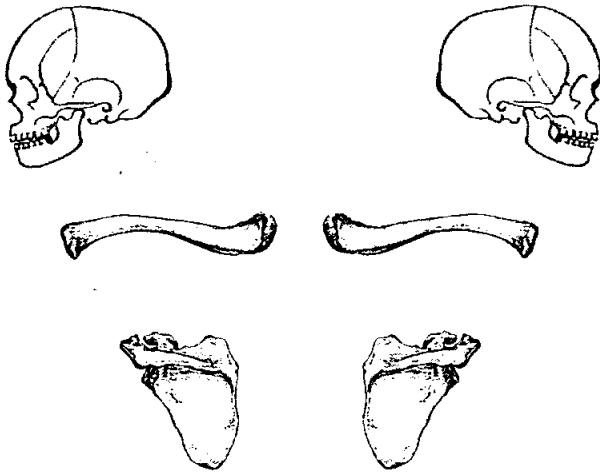
4. Skeleton Number 540          

5. Age 44 ± 12 mths

6. Preservation (tick one)  Excellent  Good  Poor  Destroyed

7. Summary of Pathological Conditions Cribra-orbitalia type 2 - R+L orbits

**Diagram of Bones Present 1**



**Juvenile Age Estimation**

8. Epiphyseal union > 3-4 y. / 4-5

9. Dental Development 44 ± 12 m

Long bone length: 3

(Hoppa 1992)

**Postcranial Measurements**

|                    | L                                                               | R                                                               | L                 | R                                                                                                                             |
|--------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 10. Humerus Length | <span style="border: 1px solid black; padding: 2px;">143</span> | <span style="border: 1px solid black; padding: 2px;">144</span> | 11. Femur Length  | <span style="border: 1px solid black; padding: 2px;">-</span> <span style="border: 1px solid black; padding: 2px;">190</span> |
| 12. Ulna Length    | <span style="border: 1px solid black; padding: 2px;">111</span> | <span style="border: 1px solid black; padding: 2px;">111</span> | 13. Ilium Length  | <span style="border: 1px solid black; padding: 2px;"> </span> <span style="border: 1px solid black; padding: 2px;"> </span>   |
| 14. Radius Length  | <span style="border: 1px solid black; padding: 2px;">100</span> | <span style="border: 1px solid black; padding: 2px;">99</span>  | 15. Fibula Length | <span style="border: 1px solid black; padding: 2px;">-</span> <span style="border: 1px solid black; padding: 2px;">152</span> |
| 16. Tibia Length   | <span style="border: 1px solid black; padding: 2px;">-</span>   | <span style="border: 1px solid black; padding: 2px;">157</span> |                   |                                                                                                                               |

17. Comments Metopic suture retained  
Long bone lg. age 3.5 - 4.5 y.

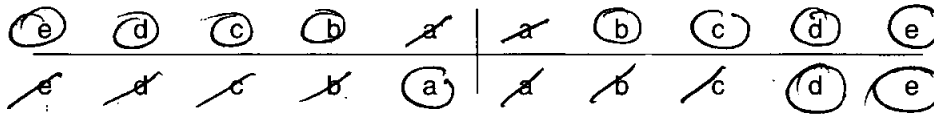
**Dentition**

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*



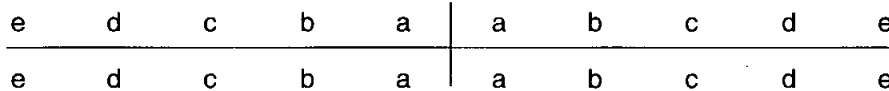
20. Bite

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

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 .....



1. Site Name OLR00
2. Date of Record 

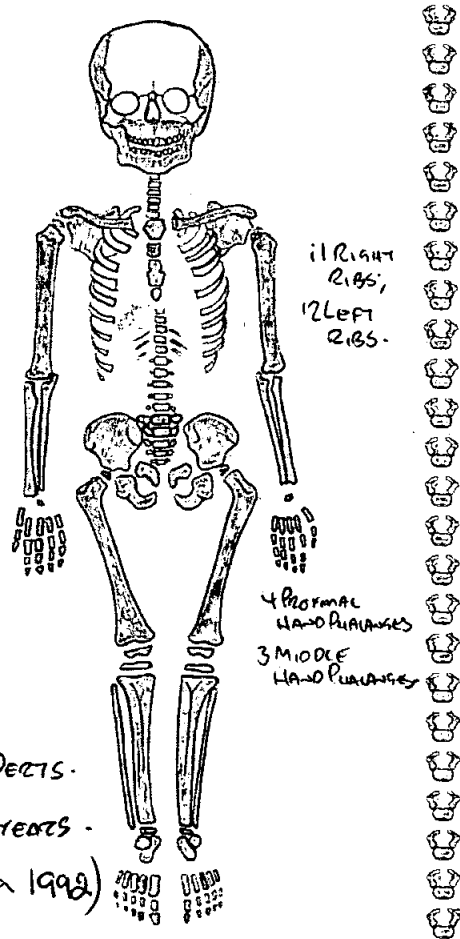
|    |    |    |
|----|----|----|
| 01 | 02 | 01 |
|----|----|----|
3. Period Post-Med
4. Skeleton Number 

|   |   |   |  |  |  |  |  |
|---|---|---|--|--|--|--|--|
| 5 | 4 | 1 |  |  |  |  |  |
|---|---|---|--|--|--|--|--|
5. Age 

|  |  |
|--|--|
|  |  |
|--|--|

5-6 Years
6. Preservation (tick one)  Excellent  Good  Poor  Destroyed
7. Summary of Pathological Conditions DENTAL DISEASE;

**Diagram of Bones Present 1**



**Juvenile Age Estimation**

8. Epiphyseal union FUSION STARTING TO OCCUR IN LONGER BONES.
9. Dental Development C 5-6 YEARS. MIL ARE IN PROCESS OF ERUPTING C 5-6 YEARS.
- Longbone length: 5 (Hoppa 1998)

**Postcranial Measurements**

|                    | L          | R          |                   | L                 | R                 |
|--------------------|------------|------------|-------------------|-------------------|-------------------|
| 10. Humerus Length | <u>178</u> | <u>177</u> | 11. Femur Length  | <u>239</u>        | <u>241</u>        |
| 12. Ulna Length    | <u>137</u> | <u>135</u> | 13. Ilium Length  | <u>98</u>         | <u>95</u>         |
| 14. Radius Length  | <u>126</u> | <u>124</u> | 15. Fibula Length | <u>INCOMPLETE</u> | <u>INCOMPLETE</u> |
| 16. Tibia Length   | <u>191</u> | <u>193</u> |                   |                   |                   |

17. Comments .....

# Skeleton Recording Sheet (Sub Adult)

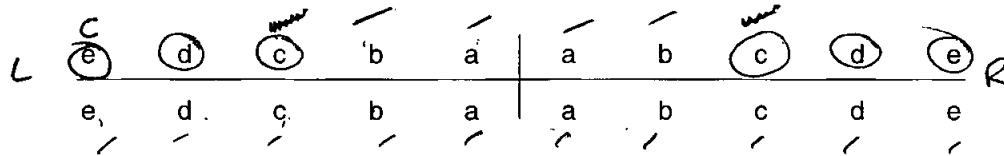
## Dentition

### 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



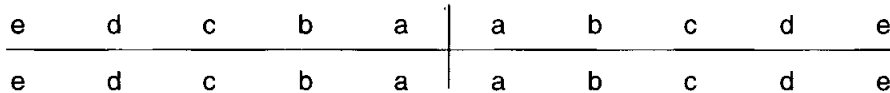
### 20. Bite

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

C] HEAVY = ALL SURFACES  
 D] HEAVY = OCCLUSAL/LINGUAL  
 E] HEAVY = OCCLUSAL/LINGUAL  
 LC HEAVY = ALL SURFACES  
 LD HEAVY = OCCLUSAL/LINGUAL  
 LE HEAVY = OCCLUSAL/LINGUAL

### 23. Periodontal Disease (Brothwell 1981)

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

### 24. Caries (Lukacs 1989)

Small                      Medium                      Large

Occusal ..... g .....  
 Mesial .....  
 Distal .....  
 Buccal / Labial .....  
 Lingual .....  
 Multiple .....

**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 <sup>U</sup> | 5 | 4 | 3 | 2 <sup>U</sup> | 1 <sup>U</sup> |  | 1 <sup>U</sup> | 2 <sup>U</sup> | 3 | 4 | 5 | 6 <sup>U</sup> | 7 | 8 |
| 8 | 7 | 6 <sup>U</sup> | 5 | 4 | 3 | 2              | 1              |  | 1              | 2              | 3 | 4 | 5 | 6 <sup>U</sup> | 7 | 8 |

41. Bite                       Overbite     Underbite     Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

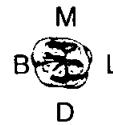
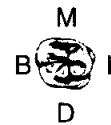
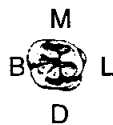
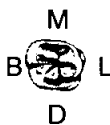
Left

Right

Left

Right

M1



M2



M3



43. Dental Hyoplasia

P = 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 |





1. Site Name BLR 00

2. Date of Record 

|   |    |    |
|---|----|----|
| 9 | 11 | 00 |
|---|----|----|

3. Period NAMED

4. Skeleton Number 

|     |  |  |  |  |  |
|-----|--|--|--|--|--|
| 542 |  |  |  |  |  |
|-----|--|--|--|--|--|

 5. Age 

|    |   |
|----|---|
| MT | A |
|----|---|

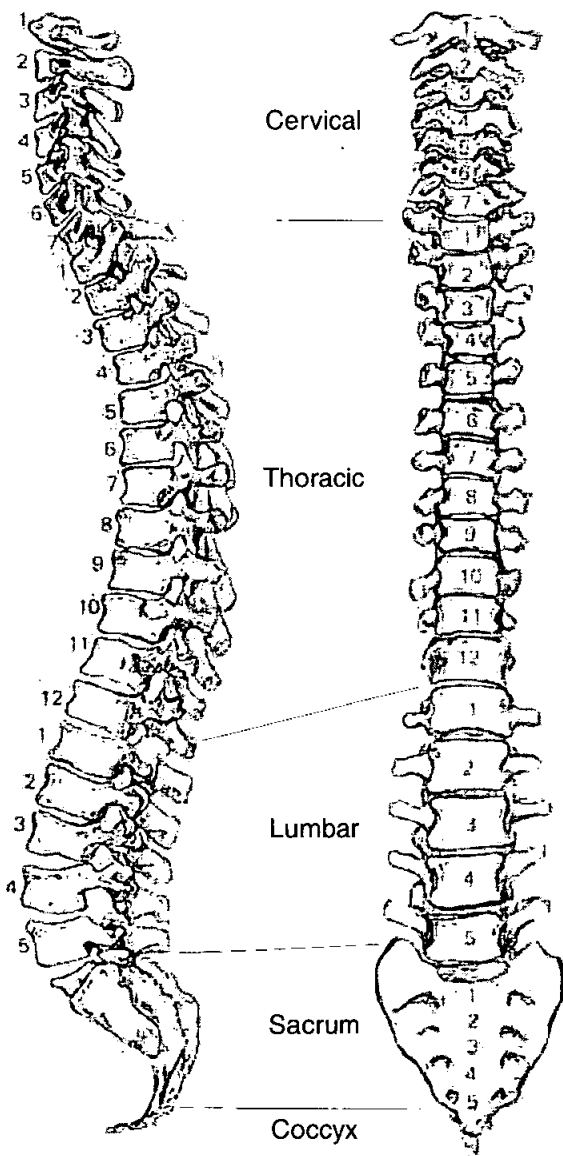
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 168.07 ± 2.99 / 5'5"

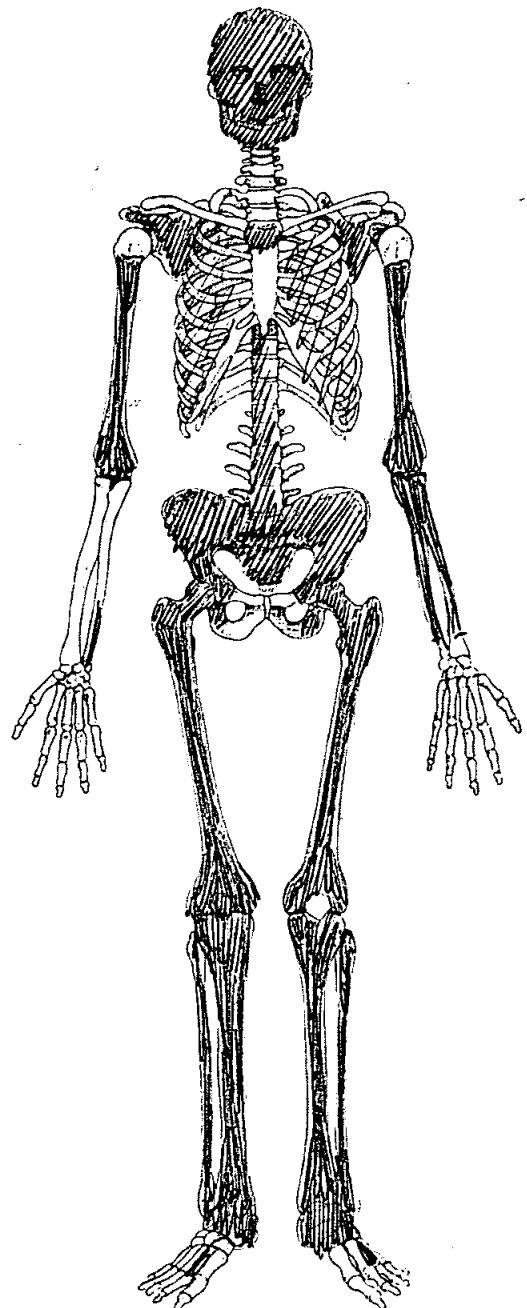
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions slight DJD + SJD

**10. Diagram of Bones Present 1**



*CS Missing  
All other  
Verte  
Present*



**Adult Age Estimation**

- 13. Epiphyseal Fusion 25-28<sup>+</sup>
- 14. Dental Eruption and Development 18<sup>+</sup>
- 15. Dental Attrition 20-30
- 16. Pubic Symphyses NP
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀)

- 17. Sternal End of Ribs None preserved
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface 45-49
- 20. Degenerative Joint Disease No SID, slight change L. knee
- 21. Comments ? younger end of MTA range  
c. 40-50

**Sexing**

**Skull**

- 22. Supraorbital Ridges Not v. pronounced but more ♀ than ♂
- 23. Mastoid Processes Male
- 24. Posterior Zygomatic Arch Male
- 25. Nuchal Crest/Occipital Protuberance Ibid. pronounced
- 26. Anterior Mandible Male
- 27. Orbital Rims Male

**Pelvis**

28. Sciatic Notch

Ambiguous  
NP

29. Subpubic Angle

30. Subpubic Concavity

31. Ischio-Pubic Ramus

32. Ventral Arc

33. Preauricular Sulcus

Slight Sulcus present

34. Obturator Foramen

Incomplete

35. Pelvic Brim

Flat

36. Acetabulum

Ambiguous

37. Ilium Auricular Surface

Equal

**Sacrum**

38. Segments

Ambiguous

39. Morphology

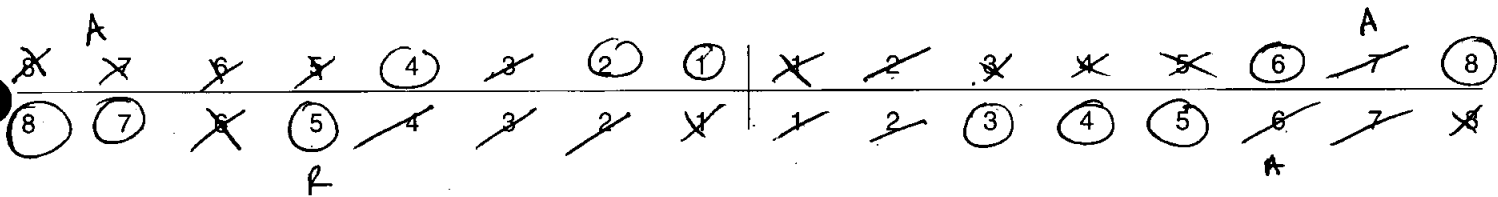
u

**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

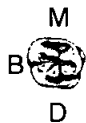
Left

Right

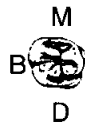
Left

Right

M1

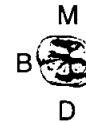


L

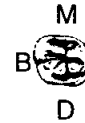


L

M1



L



L

M2

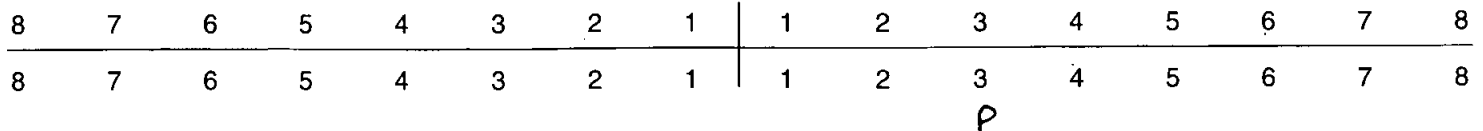


M3



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

|           |           |   |   | <i>SL</i> |   |   |   | <i>MEH</i> |   |           |           |           |   | <i>SA</i> |   |
|-----------|-----------|---|---|-----------|---|---|---|------------|---|-----------|-----------|-----------|---|-----------|---|
| 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 |
| <i>ML</i> | <i>ML</i> |   |   |           |   |   |   |            |   | <i>HL</i> | <i>HL</i> | <i>SL</i> |   |           |   |
| <i>SB</i> | <i>SB</i> |   |   |           |   |   |   |            |   |           |           |           |   |           |   |

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 ..... *16* *17*

48. Dental Anomalies

.....

.....

.....

.....

.....

.....

49. Metrical Data

|                                                          |        |        |
|----------------------------------------------------------|--------|--------|
| Femoral Head Diameter<br>>48mm = ♂, <43mm = ♀            | L 43.2 | R 45   |
| Femoral Bicondylar Width<br>>76mm = ♂, <74mm = ♀         | L 78.4 | R 77.9 |
| Humerus Head Diameter<br>>47mm = ♂, <43mm = ♀            | L —    | R —    |
| Radius Head Diameter<br>>23mm = ♂, <21mm = ♀             | L 21   | R 20.1 |
| Scapula Glenoid Cavity Width<br>>26.6mm = ♂, <26.1mm = ♀ | L —    | R 24.6 |
| Clavicle maximum Length<br>>150mm = ♂, <133mm = ♀        | L —    | R —    |

50. Cranial Non-metrics

|                             |                  |
|-----------------------------|------------------|
| Highest Nuchal Line         | A                |
| Ossicle at Lambda           | A                |
| Bregmatic Bone              | A                |
| Access. Lesser Pal. For     | L                |
| Palatine Torus              | Present          |
| 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            | A                |
| Access Infraorb. For        | A                |
| Zygomat. Facial. For        | Present on L     |
| Frontal. For                | Present on L     |
| Foramen of Huschke          | Present R + L    |
| Auditory Torus              | A                |
| Mandibular Torus            | A                |
| Torus Maxillares            | Present on L     |
| Precondylar Tubercle        | A                |
| Foramen Ovale               | Complete         |
| Supra-Orbital Foramen       | Unbridge         |
| Postcondylar facet          | Absent           |
| Foramen Spinosum            | Absent           |
| Posterior Cond. Canal       | Patent           |
| Condylar Facet              | Double R + L     |
| Mastoid Foramen             | Extrastylar on R |
| Ant. Ethmoid Foramen        | N.P.             |
| Post. Ethmoid Foramen       | N.P.             |
| Anterior Condylar Canal     | Double on L      |

**Skeleton Recording Sheet (Adult)**

51. Humerus

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

Scapula

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

Atlas

|                             |  |    |   |
|-----------------------------|--|----|---|
| facet form double/single    |  | ✓  | ✓ |
| lateral bridge              |  | A  | A |
| posterior bridge            |  | A  | A |
| transverse foramen biparite |  | CB | 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 |   |
| plaque                          |  | ✓ |   |
| third trochanter                |  | A |   |
| hypotrochanteric fossa          |  | ↓ | ↓ |
| exostosis in trochanteric fossa |  | ↓ | ↓ |

Patella

|                    |  |    |    |
|--------------------|--|----|----|
| vastus notch       |  | NP | NP |
| vastus fossa       |  | ↓  | ↓  |
| emarginate patella |  |    |    |

Tibia

|            |                   |  |   |   |
|------------|-------------------|--|---|---|
| Medial Sq  | facet form double |  | A | A |
| Lateral Sq | facet form single |  | A | A |

Calcaneus

|                   |  |   |   |
|-------------------|--|---|---|
| facet form double |  | ✓ | ✓ |
| facet form single |  |   |   |



52.

left

right

unsided

**Cranial and Facial Metrics**

|                             |      |      |                       |
|-----------------------------|------|------|-----------------------|
| Porion Bregma Height        |      |      |                       |
| Orbital Breadth (O'1)       | 40   | 41.2 |                       |
| Orbital Length (O'2)        | 37.7 | 40.5 |                       |
| Basion-Asterion Chord (091) |      |      |                       |
| Malar Height (MH)           |      |      |                       |
| Max. Cranial Length (L)     |      |      | ✓ 177                 |
| Max. Cranial Breadth (B)    |      |      | 139                   |
| Min. Frontal Breadth (B')   |      |      | <del>102.3</del> 94.4 |
| Basion Bregma height (H')   |      |      | ✓ 141                 |
| Basion-Nasal Length (LB)    |      |      |                       |
| Basion-Alveolare (GL)       |      |      |                       |
| Upper Facial Height (G'M)   |      |      | 66.7                  |
| Bimaxillary Breadth (GB)    |      |      |                       |
| Bizygomatic Breadth (J)     |      |      | 102.3                 |
| Nasal Height (NH')          |      |      | 51.4                  |
| Nasal Breadth (NB)          |      |      | 23.3                  |
| Sup. Nasal Breadth (NB')    |      |      |                       |
| Palatal Length (G'1)        |      |      |                       |
| Palatal Breadth (G'2)       |      |      | 50.4                  |
| Frontal Arc (S1)            |      |      | 34.2                  |
| 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    |      |  | 120 |
| Foramen Ment. Breadth ZZ |      |  |     |
| Symphyseal Height HI     | 28.4 |  |     |
| Mandibular Angle MZ      |      |  |     |
| Bigonial Breadth OoGo    |      |  | 102 |
| Max. Mandibular Length   |      |  | 77  |

**Skeleton Recording Sheet (Adult)**

53.

left

right

**Femur**

|                      |      |      |
|----------------------|------|------|
| FeL1 Max. L          | 444  | 444  |
| FeL2 Obl. L          |      |      |
| FeD1 A-P Subtroch DI | 26   | 27.5 |
| FeD2 M-L Subtroch DI | 33   | 33.1 |
| FeDs Max. DI Head    | 43.2 | 45   |
| C Midshaft Circ.     |      |      |
| FeE1 Bicond Width    | 78.4 | 77.9 |

**Tibia**

|                       |      |      |
|-----------------------|------|------|
| TiL1 Max. L           | 362  | 359  |
| TiB1 Bicond Width     |      |      |
| TiD1 A-P DI. Nut. For | 24.6 | 23   |
| TiD2 M-L DI. Nut. For | 35   | 35.7 |

**Fibula**

|             |     |     |
|-------------|-----|-----|
| FIL1 Max. L | 355 | 355 |
|-------------|-----|-----|

**Humerus**

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

**Radius**

|             |     |   |
|-------------|-----|---|
| RaL1 Max. L | 219 | - |
|-------------|-----|---|

**Ulna**

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

**Clavicle**

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

**Skeleton Recording Sheet  
(Adult)**

54.

left

right

**Scapula**

GC2 Glen. Cav. L



GC2 Glen. Cav. B



**Atlas**

Max. Internal width

28

**Sternum**

SL Max. L. Body



ML max. L. Manbrium

52.4

**Sacrum**

SacL Max. L

+ -

SacB Max. B

117

**Indices**

**Cranial**

Height/Length

79.66

Height/Breadth

101.44

**Nasal**

Upper Facial

65.2

~~Foramina~~ Nasal

45.33

Palatal

67.85

Orbital



Mean Porion Height

~~~~~

**Post Cranial**

Platymeric



Platycnemic

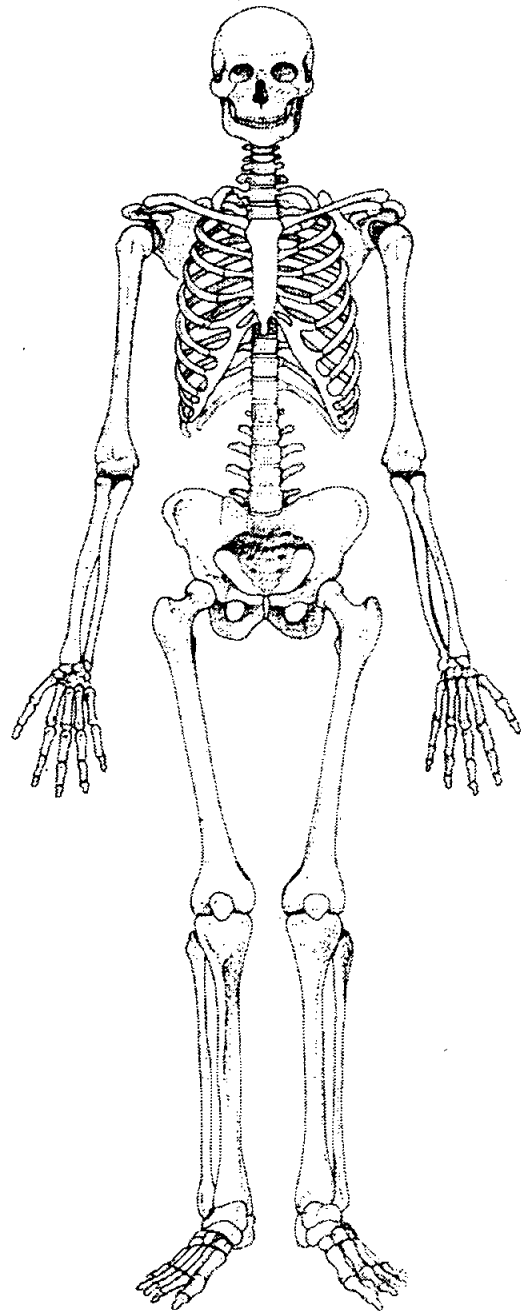
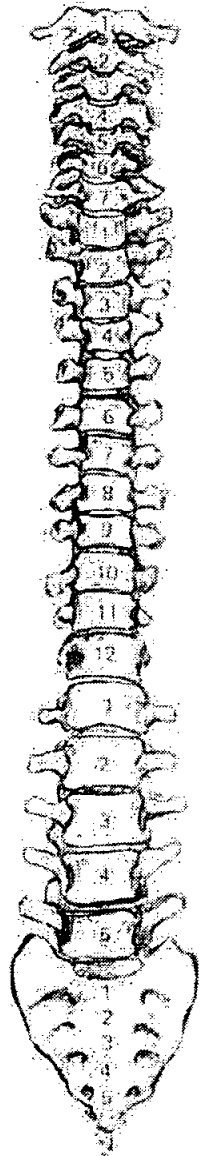
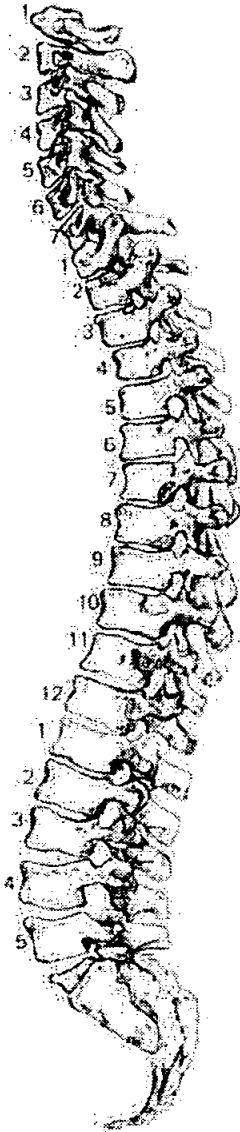


Radio-Humeral



Robusticity

55. Pathological Distribution



56. Pathological Description

DIP - L femur dist. jt. surf. slight - mod. opf.  
 L tibia prox " " " "  
 L acetabulum " " "  
 R acetabulum " " "

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 OLR00

2. Date of Record 

05	02	01
----	----	----

3. Period Post-Med

4. Skeleton Number 

5	6	3					
---	---	---	--	--	--	--	--

 5. Age 

--	--

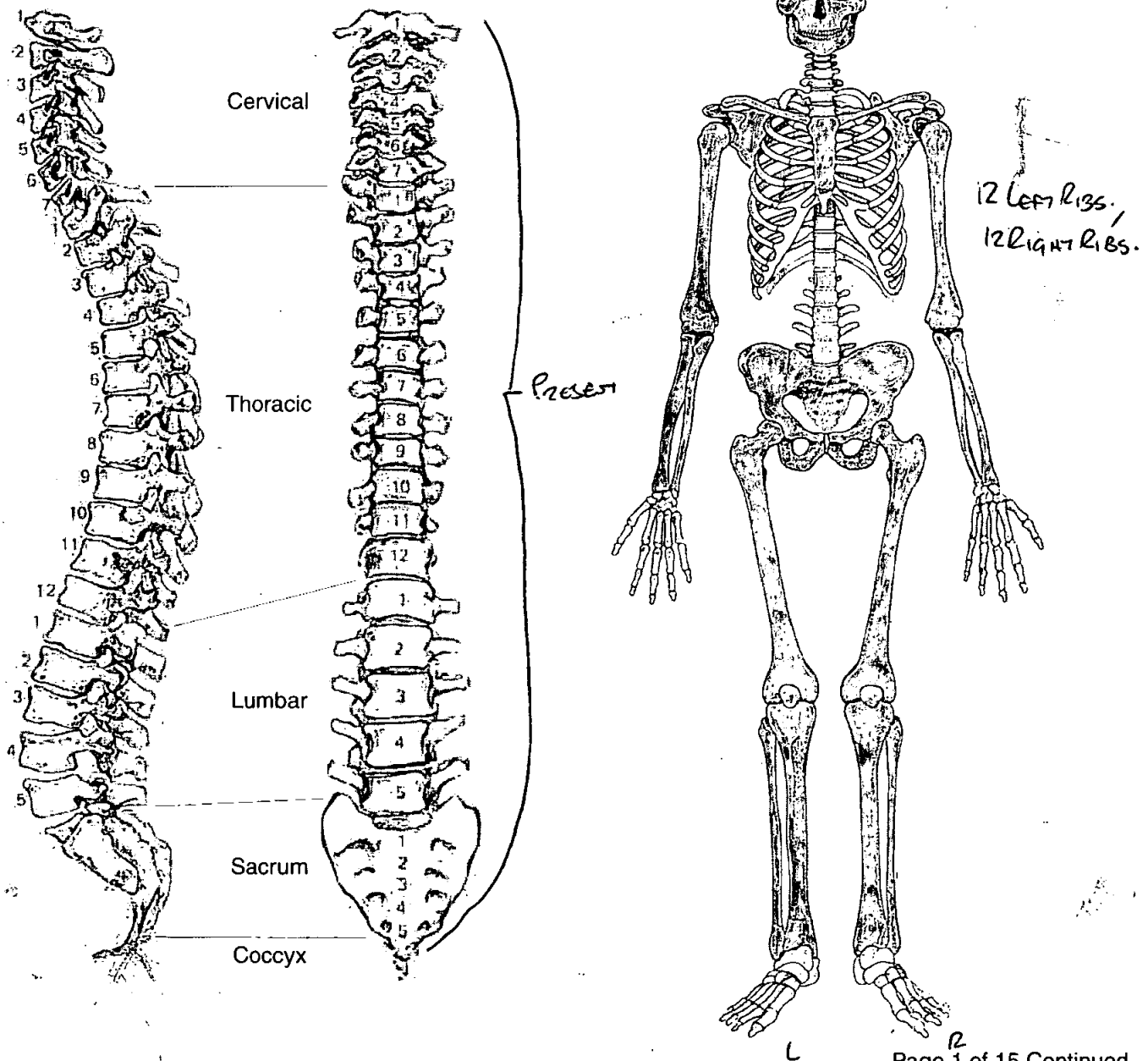
6. Sex (tick one)  Male  Female  Unidentified 75-35

7. Stature 155.20 ± ~~MAJOR~~ 2.99 cm

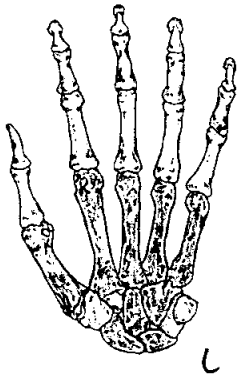
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions IMPACTED WISDOM TEETH; DENTAL OVERCROWDING; SCUMPI'S NODES.

**10. Diagram of Bones Present 1**

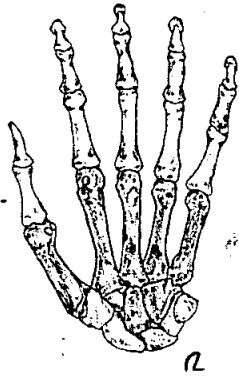


11. Diagram of Bones Present 2

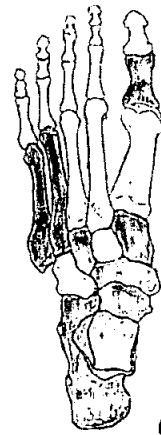


L

PROXIMAL  
PHALANX.

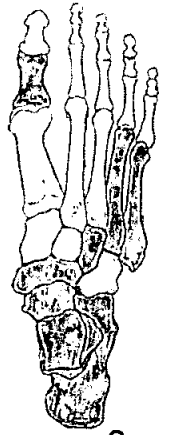


R

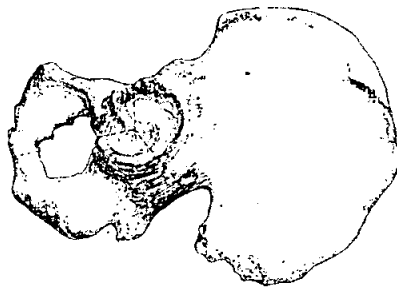
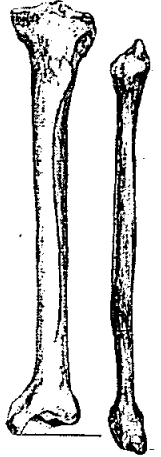
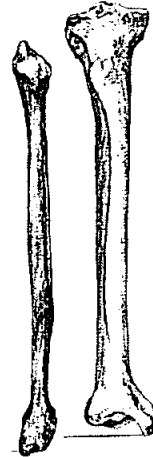


L

4 PROXIMAL  
PHALANXES,  
1 MIDDLE  
PHALANX.

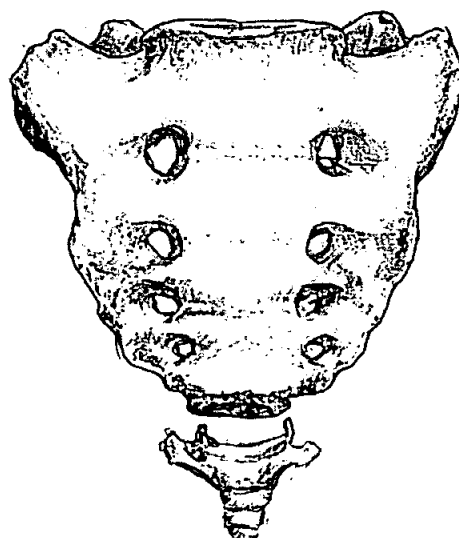
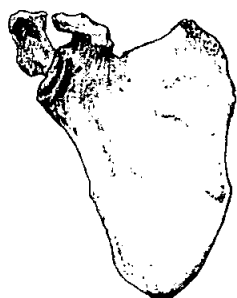
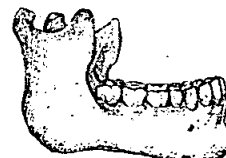
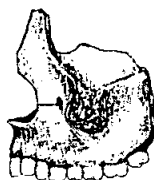
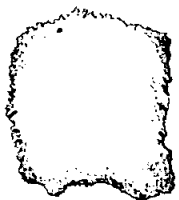
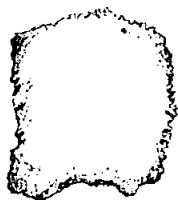
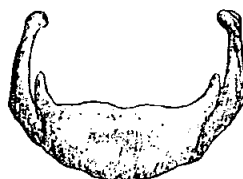
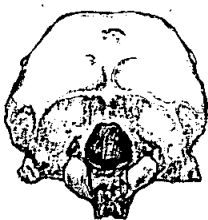
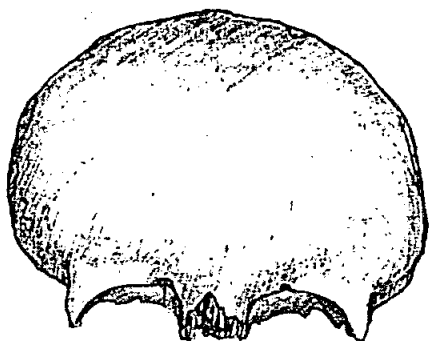


R





**12. Diagram of Bones Present 3**



**Adult Age Estimation**

13. Epiphyseal Fusion

STERNAL END OF CLAVICLES FUSED. C. 28+ YEARS -

14. Dental Eruption and Development

MANDIBULAR MB'S ERUPTED - C. 18+ YEARS.

15. Dental Attrition

GJ - 24-30 YEARS (ROOPE, 1997).

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

LEFT OS COXAE - STAGE II/III C 20-27; 22-35

17. Sternal End of Ribs

18. Cranial Suture Closure

19. Ilium Auricular Surface

LEFT + RIGHT OS COXAE - STAGE II - 25-29 YEARS

20. Degenerative Joint Disease

21. Comments

AGE RANGE BETWEEN 25-35 YEARS; PROBABLY  
NEARER THE 30 YEAR BASED ON FUSION OF STERNAL  
END OF CLAVICLES.

**Sexing**

**Skull**

22. Supraorbital Ridges

MALE (?)

23. Mastoid Processes

MALE

24. Posterior Zygomatic Arch

MALE

25. Nuchal Crest/Occipital Protuberance

MALE

26. Anterior Mandible

MALE

27. Orbital Rims

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** BASE DAMAGED

**Dentition**

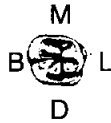
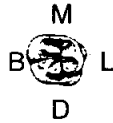










40. Permanent

/ = 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

<b>L</b>	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
						<i>NIP</i>					<i>/</i>		<i>/</i>	<i>/</i>		

41. Bite                       Overbite     Underbite     Edge to Edge

42. Molar Attrition

	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) - *NO CALCULUS NOTED*

Position	Severity
O = Occlusal	F = Flecks
D = Distal	S = Slight
L = Lingual	ME = Medium
B = Buccal	H = Heavy
M = Mesial	
A = All sides	

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) - *NOT PRESENT*

S = Slight  
M = medium  
C = Considerable

46. Caries (Lukacs 1989) - *NONE LOCATED*

	Small	Medium	Large
--	-------	--------	-------

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

47. Abscess - *NOT FOUND*

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

48. Dental Anomalies

*ALL M3'S ARE IMPACTED IN THE MAXILLA +  
MANDIBLE. SLIGHT DENTAL OVERCROWDING OF  
L1, L2, L3*

.....

.....

.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 42	R 42
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 64	R 66
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 44	R 43
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 14	R 20
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 24	R 23
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 134	R 131

50. Cranial Non-metrics

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 Both Left + Right Sides.
Access Infraorb. For	A
Zygomat. Facial. For	A
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	Single
Mastoid Foramen	A
Ant. Ethmoid Foramen	A
Post. Ethmoid Foramen	A
Anterior Condylar Canal	A

**Skeleton Recording Sheet (Adult)**

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 <del>double</del> /single	✓		
lateral bridge	A		
posterior bridge	A		
transverse foramen biparite	A		

Pelvis

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

Sacrum

accessory facets	A		
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
exostois 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		✓	✓

Calcaneus

facet form double		✓	✓
facet form single		A	A

52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
+ Orbital Breadth (O'1)	39	36	
+ Orbital Length (O'2)	32	33	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
+ Max. Cranial Length (L)			183
+ Max. Cranial Breadth (B)			141
+ Min. Frontal Breadth (B')			132
+ Basion Bregma height (H')			152
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
+ Upper Facial Height (G'M)			84
Bimaxillary Breadth (GB)			
+ Bizygomatic Breadth (J)			111
+ Nasal Height (NH')			47
+ Nasal Breadth (NB)			23
Sup. Nasal Breadth (NB')			
+ Palatal Length (G'1)			43
+ 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			110
Foramen Ment. Breadth ZZ			
+ Symphyseal Height HI			25
Mandibular Angle MZ			
+ Bigonial Breadth OoGo			76
+ Max. Mandibular Length			115



**Skeleton Recording Sheet (Adult)**

53.

left

right

**Femur**

FeL1 Max. L	392	389
FeL2 Obl. L		
FeD1 A-P <del>Subtroch DI</del> MIDSHAFT	73	74
FeD2 M-L <del>Subtroch DI</del>	71	71
FeDs Max. DI Head	42	42
C Midshaft Circ.		
FeEI Bicond Width	64	66

**Tibia**

TiL1 Max. L	315	319
TiB1 Bicond Width	67	63
TiD1 A-P DI. Nut. For	29	28
TiD2 M-L DI. Nut. For	21	20

**Fibula**

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

**Humerus**

HuL1 Max. L	281	282
HuD5 Max. DI Head	44	43
HC Midshaft Circ		

**Radius**

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

**Ulna**

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

**Clavicle**

CiL1 Max. L	134	131
-------------	-----	-----

# Skeleton Recording Sheet (Adult)

54.

left

right

### Scapula

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

35  
24

36  
23

### Atlas

Max. Internal width

24

### Sternum - INCOMPLETE

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

### Sacrum

SacL Max. L  
SacB Max. B

97  
86

### Indices

#### Cranial

Height/Length  
Height/Breadth

83.06  
107.80

#### Nasal

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

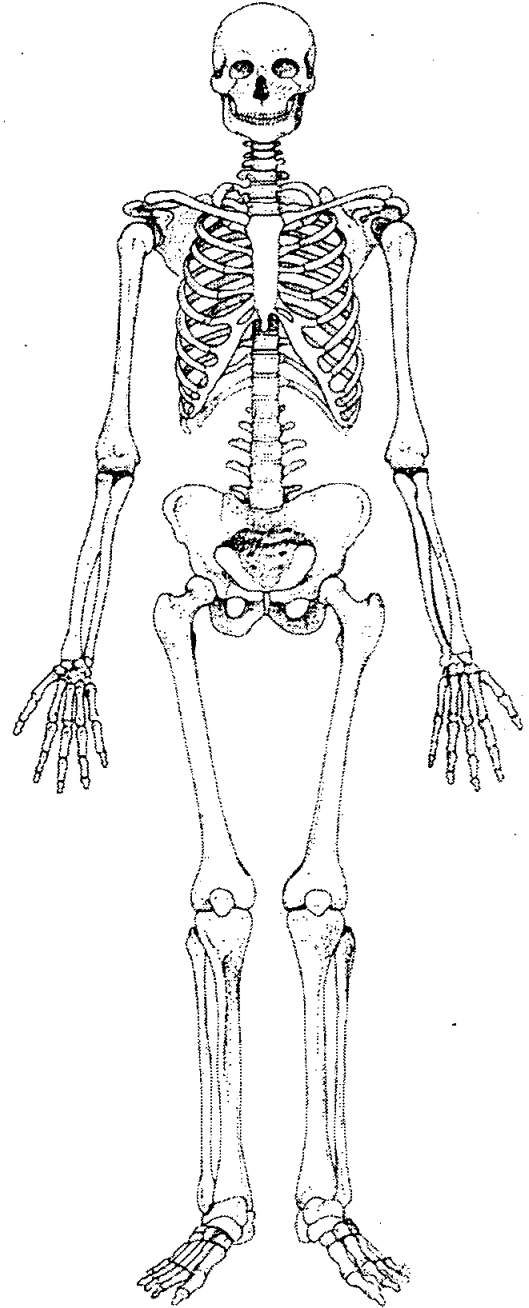
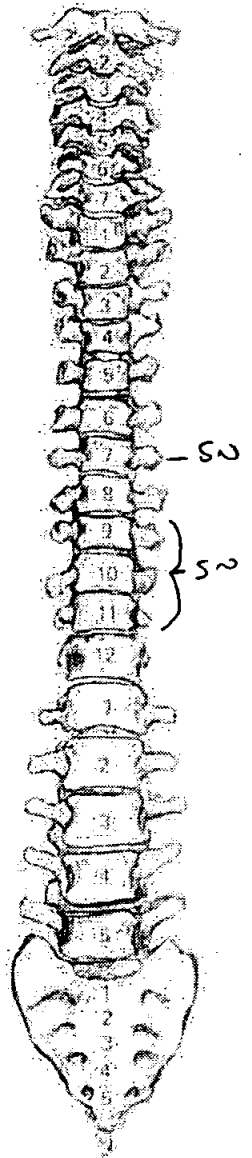
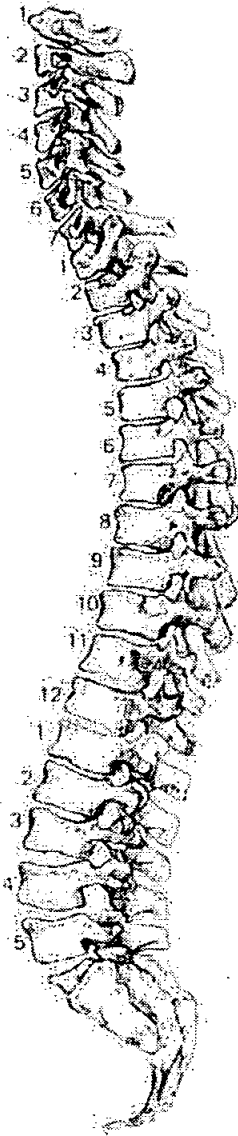
75.67  
48.94  
81.39  
82.05  
91.67

#### Post Cranial

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

72.41  
75.09  
71.43  
74.82

55. Pathological Distribution



56. Pathological Description

SCHMORL'S NODES WERE FOUND UPON THE INFERIOR SURFACES OF T7 & T9-T11.  
ALSO ON THE SUPERIOR SURFACE OF T11.

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		SN								
T8	OP PO SN EB										
T9	OP PO SN EB		SN								
T10	OP PO SN EB		SN								
T11	OP PO SN EB	SN	SN								
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

THE BONES BELONGING TO THIS ILLUMINATION WERE NOT VERY CLEAR, THEY WERE ALSO HEAVILY STAINED, POSSIBLY DISGUISSING MANY PATHOLOGICAL CONDITIONS.

1. Site Name CL200

2. Date of Record 

1	9	0	2	0	1
---	---	---	---	---	---

3. Period Post-Med

4. Skeleton Number 

5	9	7					
---	---	---	--	--	--	--	--

5. Age 

--	--

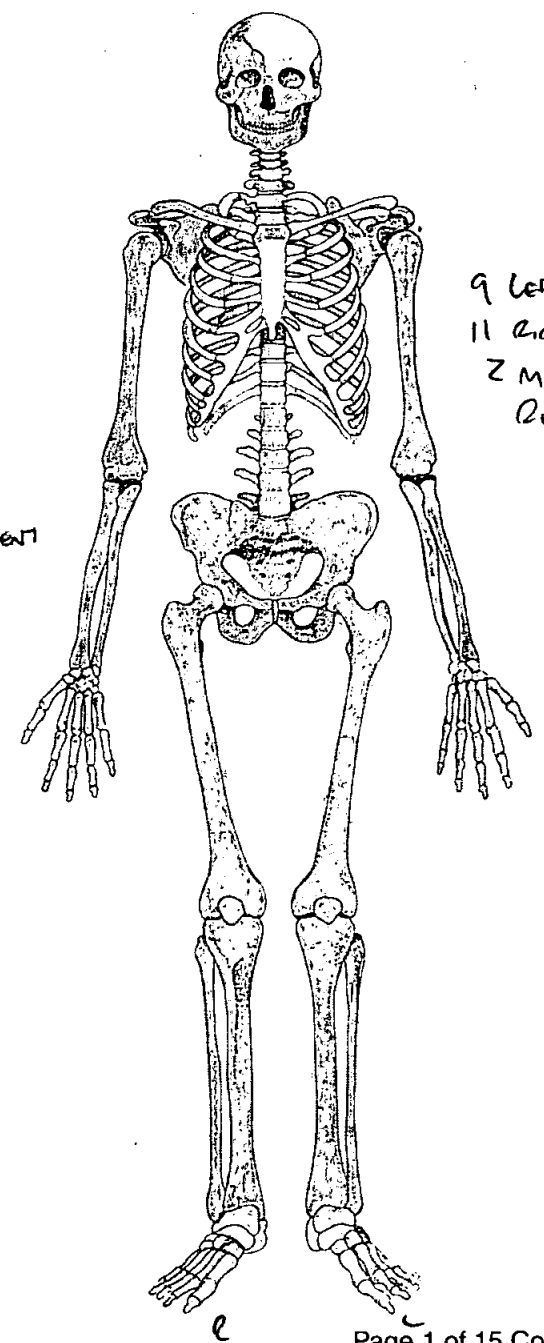
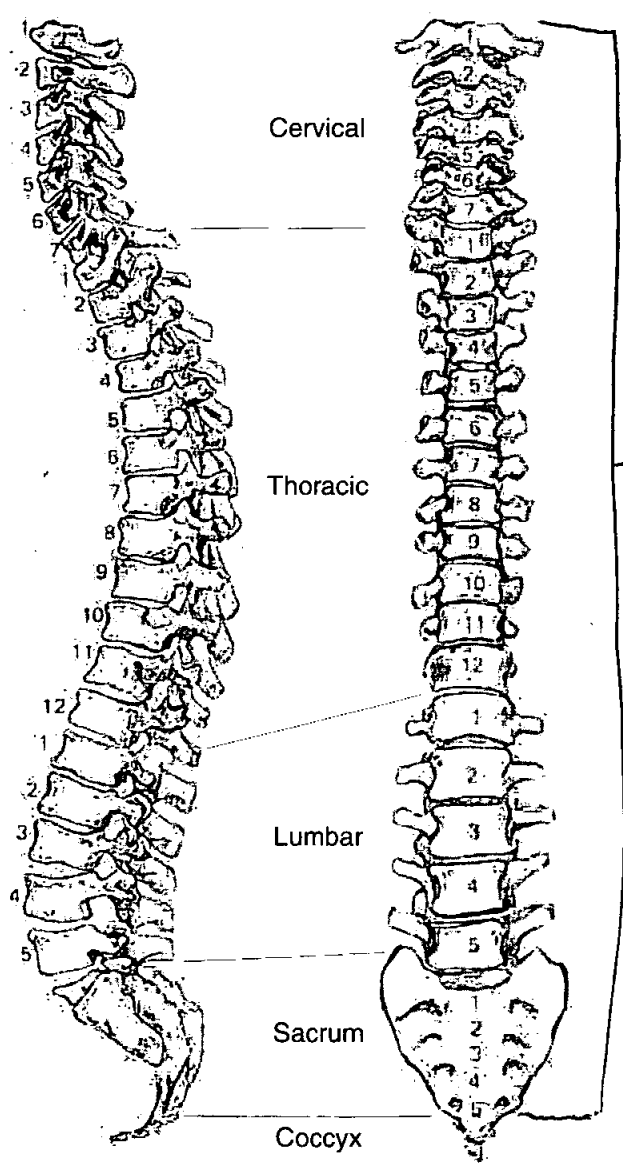
6. Sex (tick one)  Male  Female  Unidentified  
*(Possibly Female - Skeletal too young to tell + relevant parts not preserved well enough)*

7. Stature \_\_\_\_\_

8. Preservation (tick one)  Excellent  Good To  Poor  Destroyed

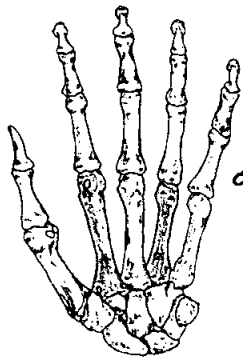
9. Summary of Pathological Conditions DENTAL DISEASE;  
\_\_\_\_\_  
\_\_\_\_\_

**10. Diagram of Bones Present 1**

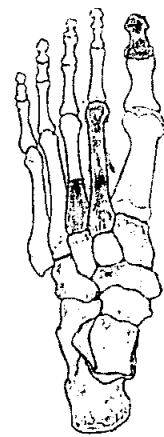
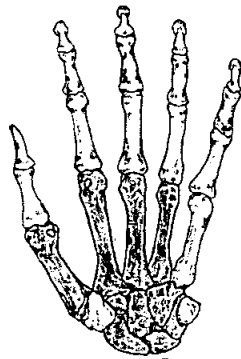


9 Left Ribs;  
11 Right Ribs;  
2 Mid-Shaft  
Rib Frags.

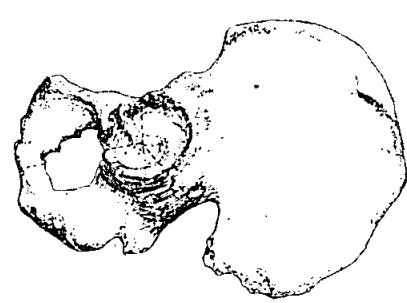
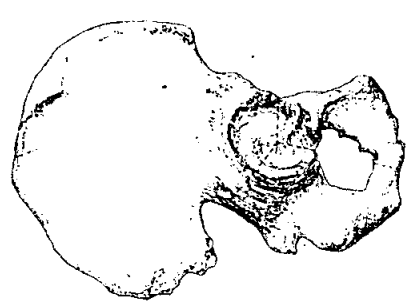
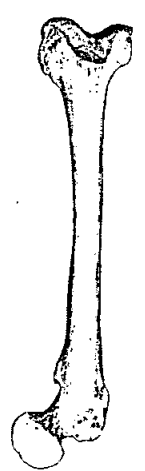
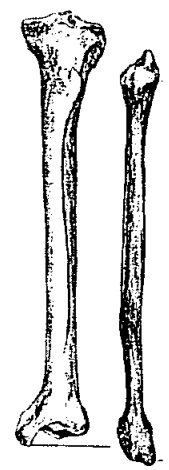
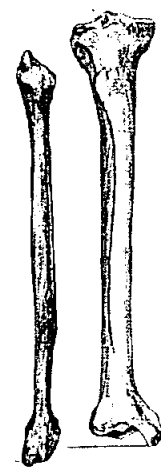
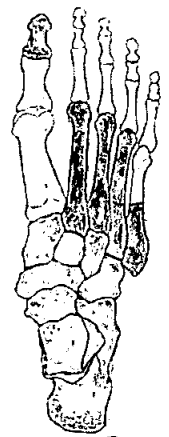
11. Diagram of Bones Present 2



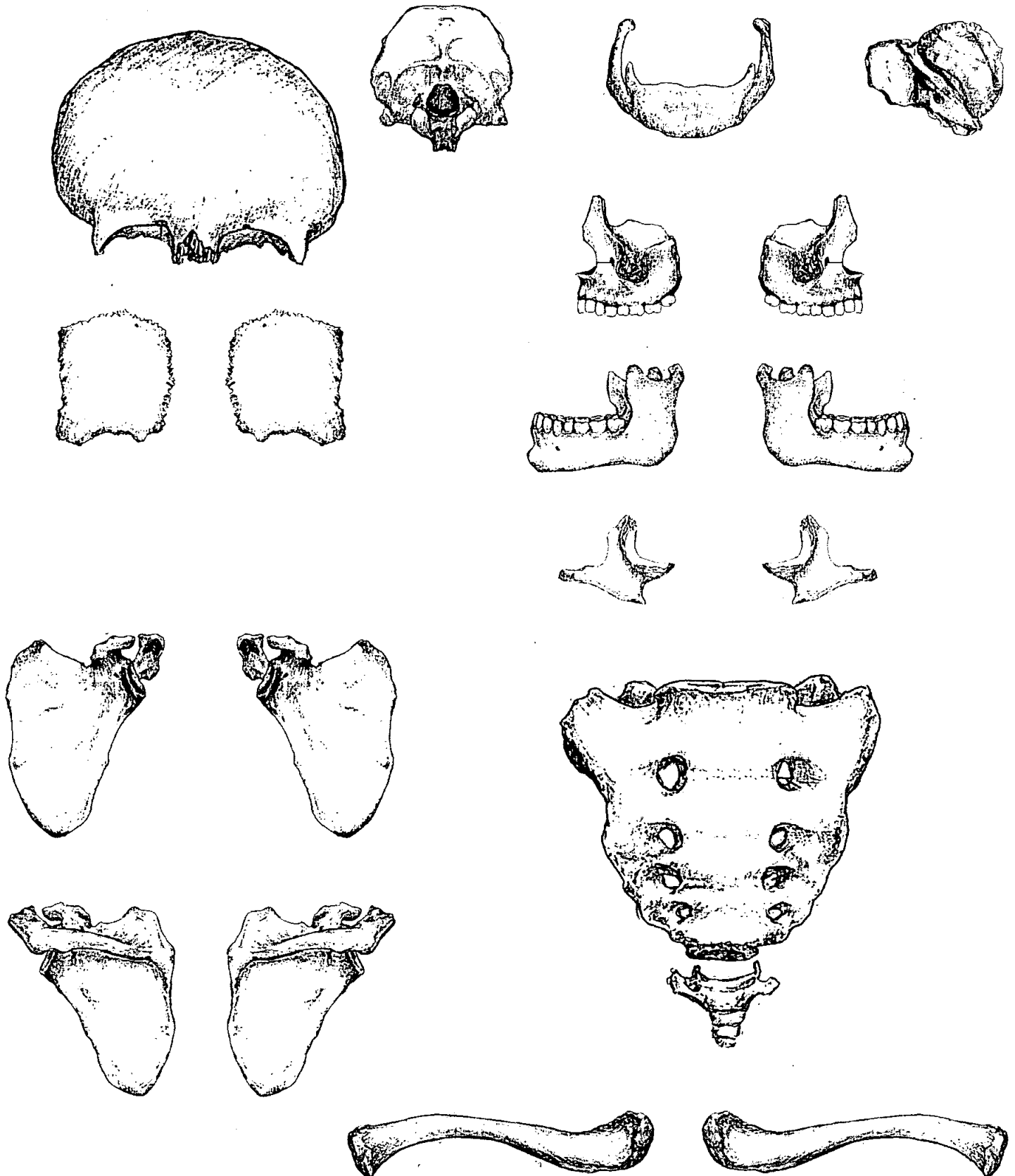
3 Proximal Phalanges



3 Proximal Phalanges,  
 2 Middle Phalanges  
 and 2 Distal Phalanges.



12. Diagram of Bones Present 3





**Adult Age Estimation**

13. Epiphyseal Fusion C. 15-16 Years.

DISTAL EPIPHYSES FUSED ON TO HUMERUS; C. 14-15 YEARS; PROXIMAL EPIPHYSES FUSED ON TO RADIUS; C. 15-16 YEARS. FEMUR NON FUSED.

14. Dental Eruption and Development

M2s ERUPTED C. 12+ YEARS. NO EVIDENCE OF M3s.

15. Dental Attrition

I6 - C. 18 YEARS; I7 - C. 12-18 YEARS.

16. Pubic Symphyses

METHOD NOT USED TO AGE FROM.

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

AREA TOO DAMAGED ON RIBS.

18. Cranial Suture Closure

METHOD NOT USED TO AGE FROM.

19. Ilium Auricular Surface

METHOD NOT USED TO AGE FROM.

20. Degenerative Joint Disease

METHOD NOT USED TO AGE FROM.

21. Comments

AGE ON E/F TO BETWEEN 15-16 YEARS.

**Sexing**

**Skull**

22. Supraorbital Ridges

AREA DAMAGED ON CRANIUM

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

AREA INCOMPLETE ON OS COXAE

30. Subpubic Concavity

^

^

31. Ischio-Pubic Ramus

^

^

32. Ventral Arc

^

^

33. Preauricular Sulcus

MALE (HOWEVER, SUGGESTS VERY YOUNG PERSON)

34. Obturator Foramen

AREA INCOMPLETE ON OS COXAE

35. Pelvic Brim

^

^

36. Acetabulum

^

^

37. Ilium Auricular Surface

^

^

**Sacrum — Not Fused.**

38. Segments

39. Morphology

**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

N/P	/	C	(6)	(5)	(4)	(3)	(2)	(1)		(1)	(2)	(3)	(4)	(5)	/	/	N/P
8	7	6	5	4	3	2	1	1		1	2	3	4	5	6	7	8
	(7)	(6)	(5)	4	3	2	(1)	(1)		(1)	(2)	(3)	(4)	5	(6)	(7)	8
N/P				/	/	/								/			N/P

**41. Bite**

Overbite     Underbite     Edge to Edge

**42. Molar Attrition**

M1

M2

M3

Mandible

Maxilla

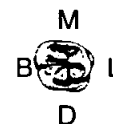
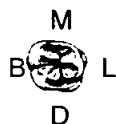
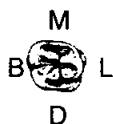
Left

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	A	A	A	A	PM	D/M			
		F	F	F		H	H	F	F	ME	F	F			
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
		F	ME				ME	ME	ME	ME	S		F	F	
		A	A				A	A	A	A	A		O/M	O/M	

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

L

61

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.....

.....

47. Abscess

- Internal Drain
- External Drain

.....

.....

48. Dental Anomalies

PARTIAL EROSION OF 31. TOOTH WAS BEING  
"PUSHED ON" LINGUALLY; SLIGHTLY UNDER 21.

.....

.....

.....

49. Metrical Data — ~~No~~ No METRICAL DATA COLLECTED. BONES STILL NOT FUSED.

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	R
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L	R
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L	R

50. Cranial Non-metrics # A = ABSENT; N/P = NOT PRESENT (AREA OF SKULL DAMAGED OR NOT RECOVERED).

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	A
Palatine Torus	A
Metopism	N/P
Lambdoid Ossicle	PRESENT ON LEFT + RIGHT.
Coronal Ossicle	N/P ON LEFT; A ON RIGHT.
Epipteric Bone	" "
Ossicle at Asterion	PRESENT ON LEFT + RIGHT.
Parietal Notch Bone	A
Fronto-temporo Articulation	N/P ON LEFT; A ON RIGHT.
Parietal Foramen	A
Access Infraorb. For	N/P ON LEFT; A ON RIGHT.
Zygomat. Facial. For	N/P ON LEFT; A ON RIGHT.
Frontal. For	N/P ON LEFT + 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	N/P ON LEFT + 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	PRESENT ON LEFT + RIGHT.

# Skeleton Recording Sheet (Adult)

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 <del>double</del> /single		✓	✓
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis *m*

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

Sacrum — *bone not fused*

accessory facets	<del>    </del>	<del>    </del>	<del>    </del>
spina bifida occulta	<del>    </del>	<del>    </del>	<del>    </del>

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		✓	✓

Calcaneus

facet form double		✓	✓
facet form single		A	A

OLR 00 597

52.

left

right

unsided

**Cranial and Facial Metrics**

- DUE TO THE COMPLETE NATURE OF THE CRANIUM & THE FACT THAT THE INDIVIDUAL IS SKELETALLY IMMATURE NO 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)			

ATTEMPTED

**Mandibular Metrics**

- NO METRICS ATTEMPTED. INDIVIDUAL SKELETALLY IMMATURE.

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			

**Skeleton Recording Sheet (Adult)**

53.

left

right

**Femur** - No METRICS ATTEMPTED. INDIVIDUAL SKELETALY IMMATURE -

FeL1 Max. L	<input type="text"/>	<input type="text"/>
FeL2 Obl. L	<input type="text"/>	<input type="text"/>
FeD1 A-P Subtroch DI	<input type="text"/>	<input type="text"/>
FeD2 M-L Subtroch DI	<input type="text"/>	<input type="text"/>
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"/>	<input type="text"/>
TiD2 M-L DI. Nut. For	<input type="text"/>	<input type="text"/>

**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**

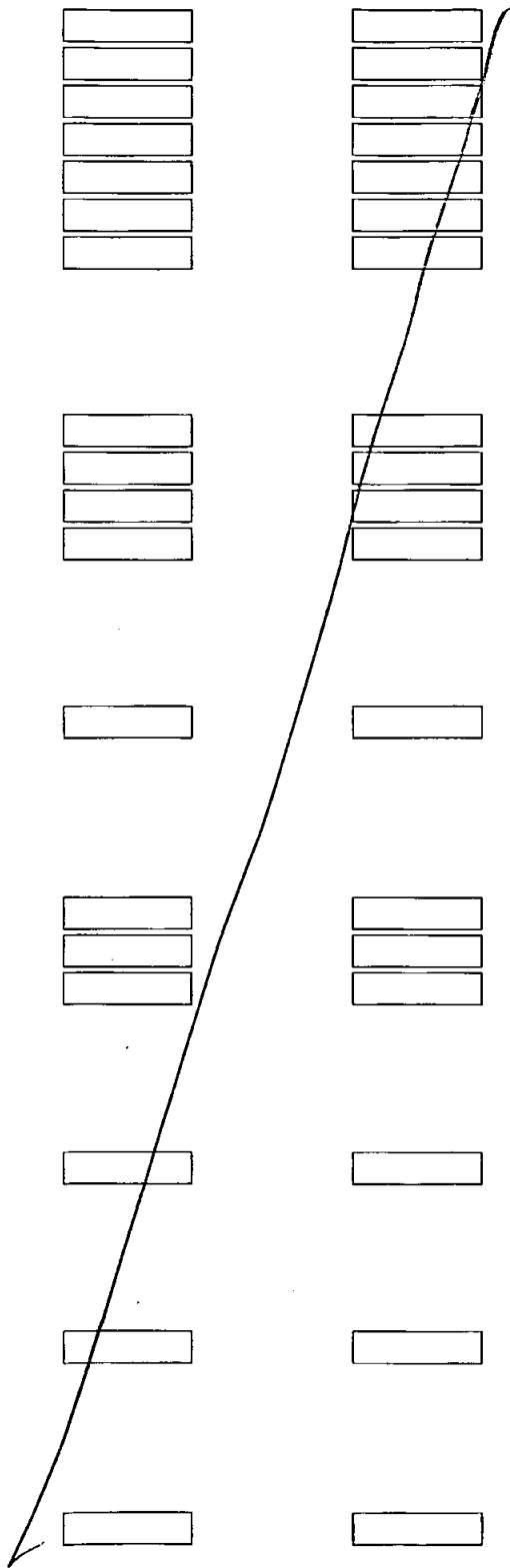
RaL1 Max. L	<input type="text"/>	<input type="text"/>
-------------	----------------------	----------------------

**Ulna**

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

**Clavicle**

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





**Skeleton Recording Sheet (Adult)**

54.

left

right

**Scapula** - No Metrics Attempted. Person Slightly Immature.

GC2 Glen. Cav. L  
GC2 Glan. 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  
Palatal  
Orbital  
Mean Porion Height



**Post Cranial**

Platymeric  
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										
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

600

1. Site Name OLR 00

2. Date of Record 

9	11	00
---	----	----

3. Period NAMES

4. Skeleton Number 

6	0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---	---

 5. Age 

M	T	A
---	---	---

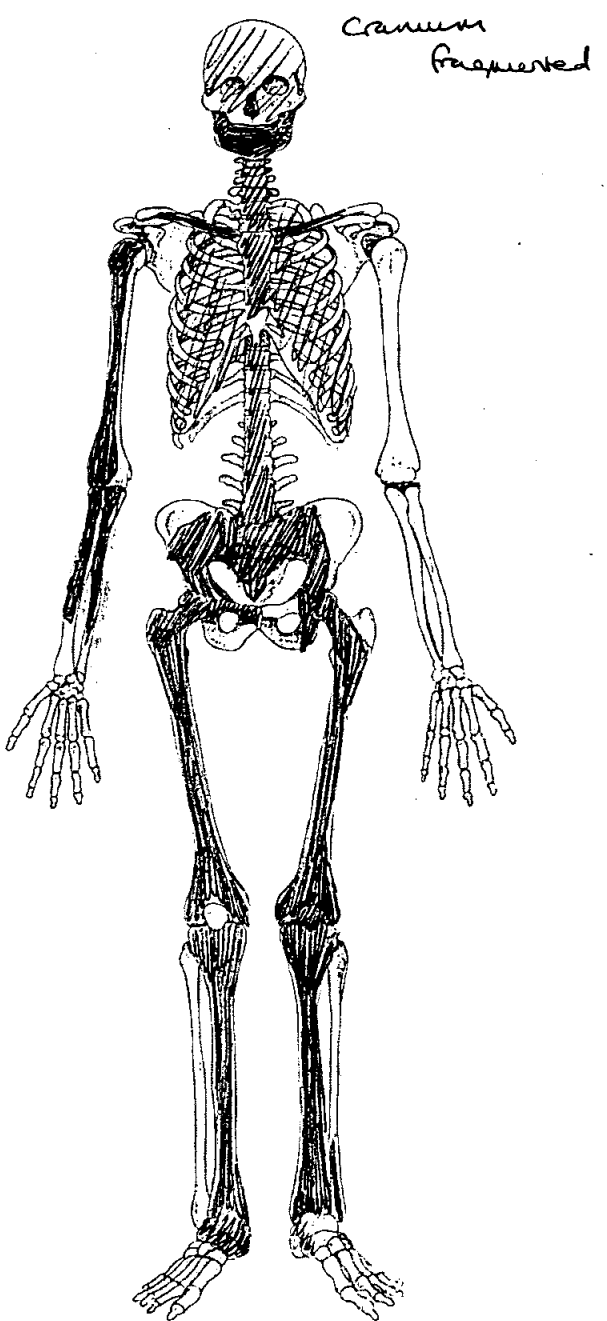
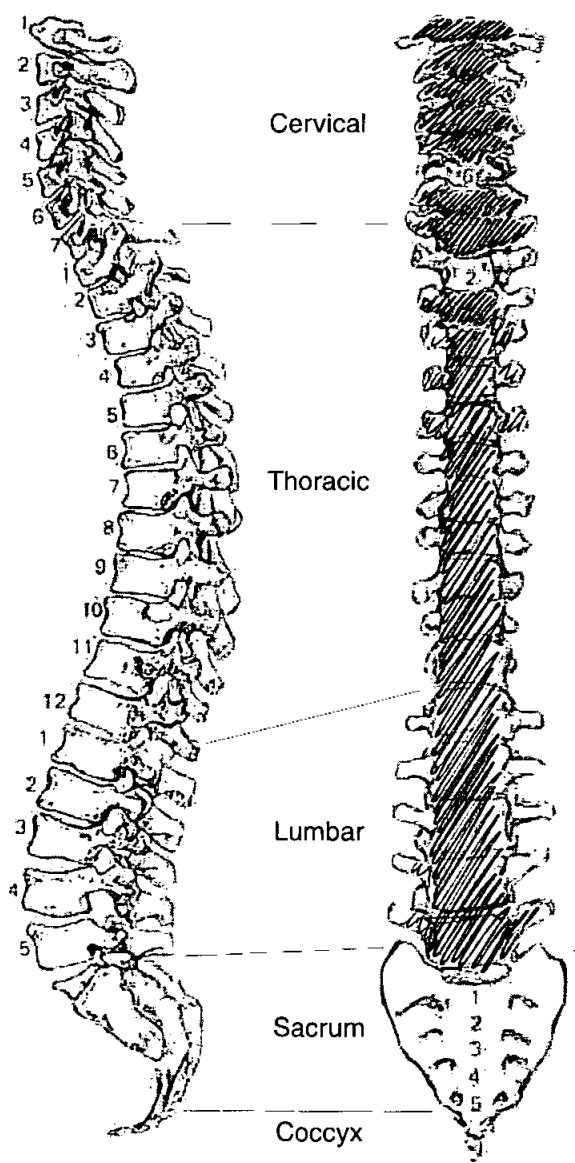
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 157.559 ± 3.55 / 5'

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions SJD  
DJD R+L. Knees + R. Hip

**10. Diagram of Bones Present 1**



**Adult Age Estimation**

- 13. Epiphyseal Fusion 25-28<sup>+</sup>
- 14. Dental Eruption and Development 18<sup>+</sup>
- 15. Dental Attrition No. Molars Surviving - all lost A.M.  
exc. 18
- 16. Pubic Symphyses incomplete Superior 2/3 suggest  
MTA
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀)
- 17. Sternal End of Ribs 33-46
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface 40-44
- 20. Degenerative Joint Disease SJD Cervical + lumbar vertebrae  
+ JJD L knee + SV R hip
- 21. Comments " younger end of MTA range

**Sexing  
Skull**

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

**Pelvis**

28. Sciatic Notch

female

29. Subpubic Angle

NP

30. Subpubic Concavity

NP

31. Ischio-Pubic Ramus

female

32. Ventral Arc

NP

33. Preauricular Sulcus

Not evident

34. Obturator Foramen

Incomplete

35. Pelvic Brim

female

36. Acetabulum

female

37. Ilium Auricular Surface

Male

**Sacrum**

38. Segments

female

39. Morphology

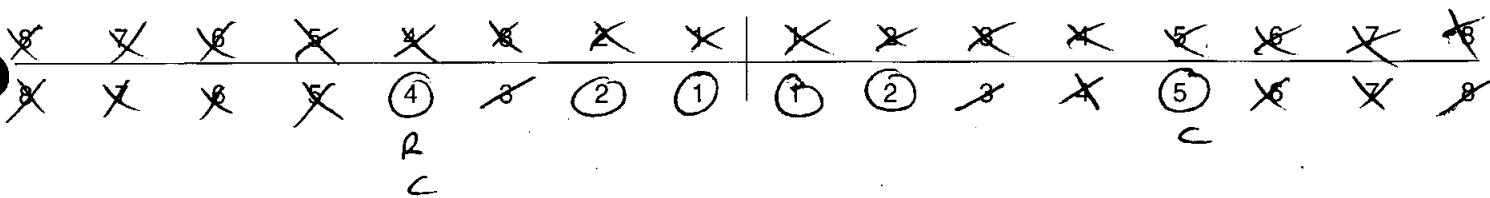
female

**Sternum**

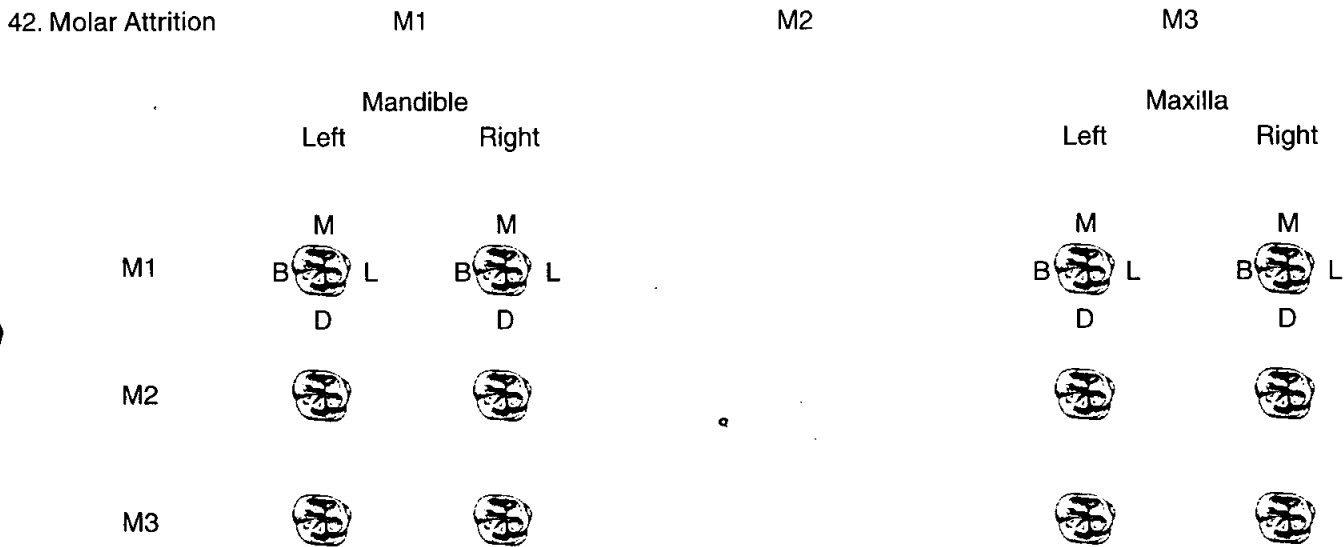
**Dentition**

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

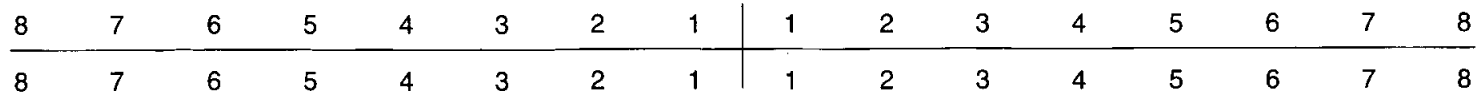


41. Bite                       Overbite     Underbite     Edge to Edge



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

45. Periodontal Disease (Brothwell 1981)

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

46. Caries (Lukacs 1989)

Small                      Medium                      Large

- Occlusal .....
- Mesial .....
- Distal 15 .....
- Buccal / Labial .....
- Lingual .....
- Multiple 71 .....

47. Abscess

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

48. Dental Anomalies

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.....

.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L —	R 44.4
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R 19.5
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L —	R 26
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R —

50. Cranial Non-metrics

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

# Skeleton Recording Sheet (Adult)

51. Humerus

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

Scapula

supra-scapular <del>foramen</del> /notch		NP	✓
acromial articular facet		NP	NP

Atlas

facet form <del>double</del> /single		✓	✓
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		CS	CS

Pelvis

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

Sacrum

accessory facets		A	A
spina bifida occulta		NP	NP

Femur

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

Patella

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

Tibia

<i>Medial Sq</i> facet form <del>double</del>		A	A
<i>Lateral Sq</i> facet form single		A	✓

Calcaneus

facet form double		✓	✓
facet form single			

**Skeleton Recording Sheet (Adult)**

52.

left

right

unsided

*None poss. on cranial vault*

**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)			44.6
Frontal Arc (S1)			40
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			26.1
Mandibular Angle MZ			
Bigonial Breadth OoGo			100
Max. Mandibular Length			102

53.

left

right

**Femur**

FeL1 Max. L	413	414
FeL2 Obl. L		
FeD1 A-P Subtroch DI	28	29
FeD2 M-L Subtroch DI	29.6	30
FeDs Max. DI Head		44.4
C Midshaft Circ.		
FeEI Bicond Width		

**Tibia**

TiL1 Max. L	335	335
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	30.7	<del>29</del> 30 .3
TiD2 M-L DI. Nut. For	25	24.7

**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		
-------------	--	--

**Skeleton Recording Sheet  
(Adult)**

54.

left

right

**Scapula**

GC2 Glen. Cav. L

34.3

GC2 Glen. Cav. B

26

**Atlas**

Max. Internal width

24.9

**Sternum**

SL Max. L. Body



ML max. L. Manbrium

55.5

**Sacrum**

SacL Max. L

117

SacB Max. B

114

**Indices**

**Cranial**

Height/Length

—

Height/Breadth

—

**Nasal**

Upper Facial

—

Foraminal

—

Palatal

89.68

Orbital

—

Mean Porion Height

—

**Post Cranial**

Platymeric

95

97

Platycnemic

81

82

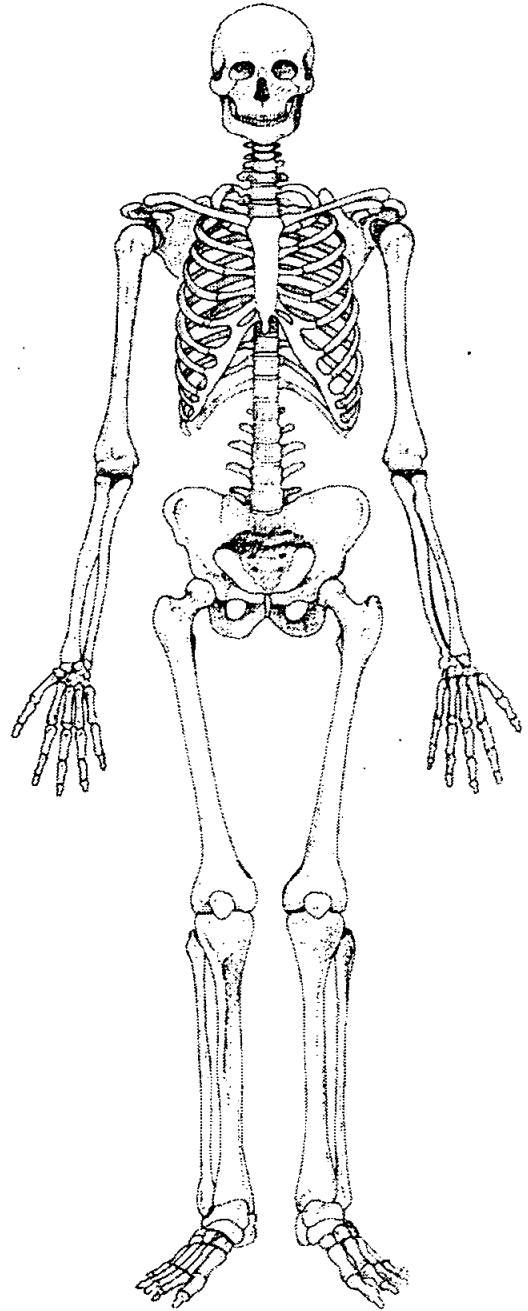
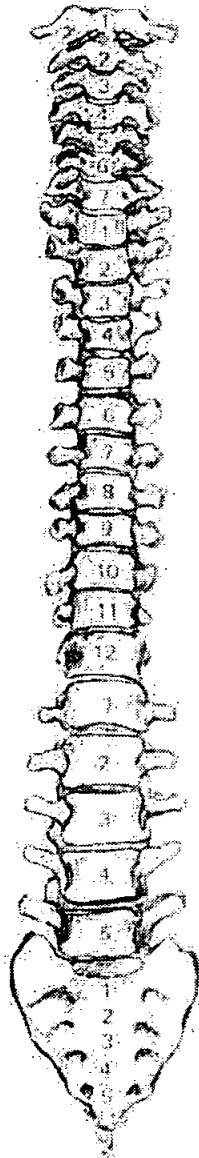
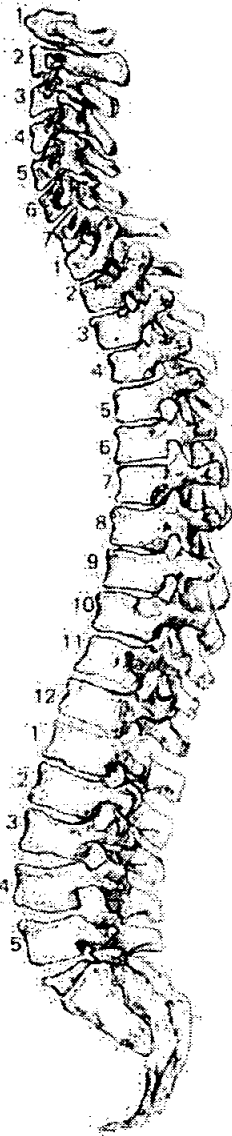
Radio-Humeral

—

—

Robusticity

55. Pathological Distribution



56. Pathological Description

SJD = changes in cervical verts = severe, slight in LVS.  
 DJD - L. Distal femur = jt surf - severe eburnation  
 lateral condyle, Ibd. o.p.s around margin  
 L. patella - corresponding eburnation + o.p.s.  
 L. tibia = slight o.p.s.  
 R. femur = eburnation + p.o. of prox. jt. surf.  
 distal jt. surf = eburnation (lat. condyle, but less  
 than L.) + Ibd. o.p.s.  
 R. Acetabulum = eburnation, slight p.o. + Ibd. op.s.

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

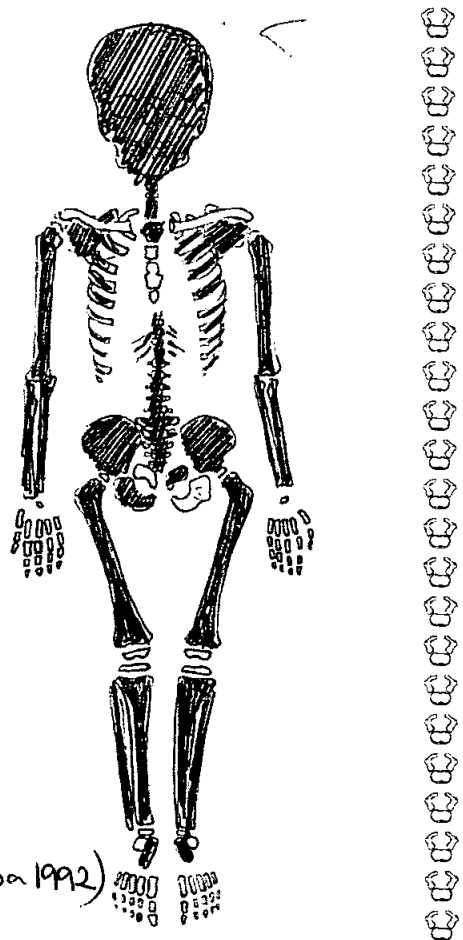
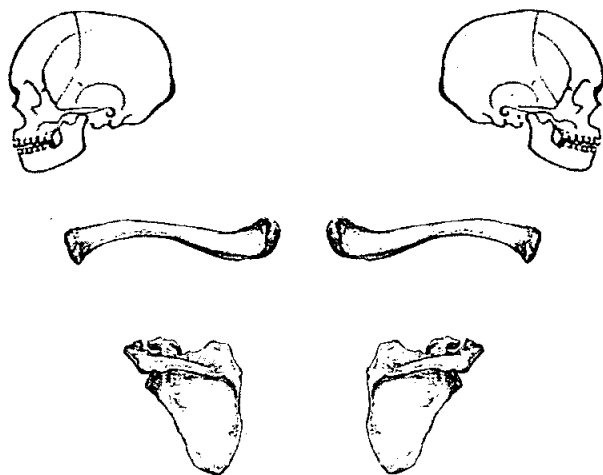
9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

1. Site Name OLR 00  
 2. Date of Record 1 11 00  
 3. Period NAMED  
 4. Skeleton Number 601  
 5. Age 2 - 3 1/2 yrs  
 6. Preservation (tick one)  Excellent  Good  Poor  Destroyed  
 7. Summary of Pathological Conditions NONE OBSERVED

**Diagram of Bones Present 1**



**Juvenile Age Estimation**

8. Epiphyseal union <4-5y >12m  
 9. Dental Development 3y ± 12m  
 Longbone length: 2-3 (Hoppa 1992)

Postcranial Measurements	L	R	L	R	
10. Humerus Length	124	123	11. Femur Length	158	157
12. Ulna Length	94	94	13. Ilium Length		
14. Radius Length	86	86	15. Fibula Length	120	120
16. Tibia Length	125	123			

17. Comments L: bone age = 2.5 - 3.5y

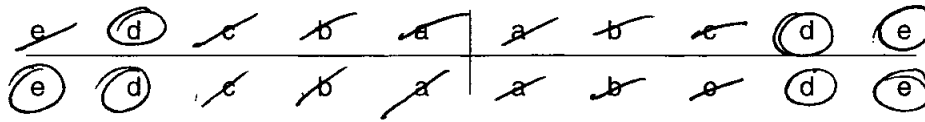
**Dentition**

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*



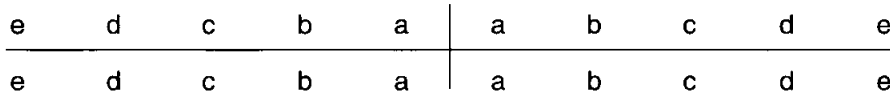
20. Bite

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

23. Periodontal Disease (Brothwell 1981)

S = Slight  
 M = medium  
 C = Considerable

24. Caries (Lukacs 1989)

Small    Medium    Large

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



# Skeleton Recording Sheet (Sub Adult)

1. Site Name OLR 00

2. Date of Record 20 02 01

3. Period P-M

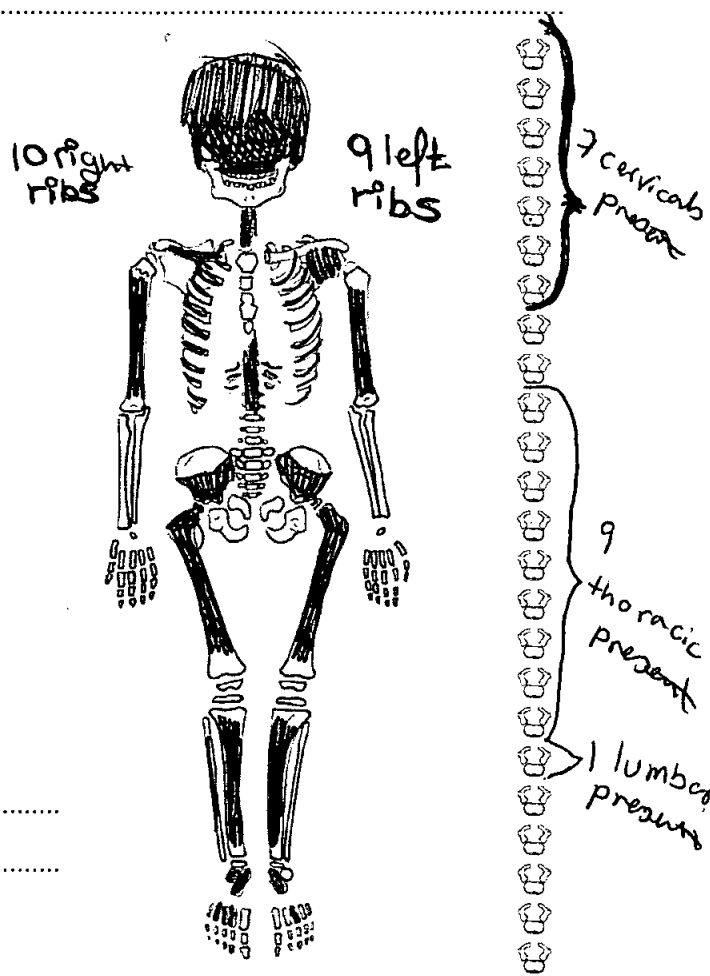
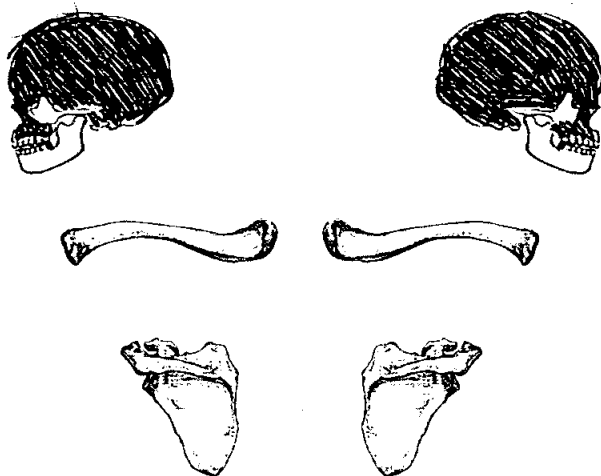
4. Skeleton Number 602

5. Age 10-11 yrs

6. Preservation (tick one)  Excellent  Good  Poor  Destroyed

7. Summary of Pathological Conditions Cribrra orbitalia - Active

### Diagram of Bones Present 1



### Juvenile Age Estimation

8. Epiphyseal union .....

9. Dental Development 10-11 yrs

### Postcranial Measurements

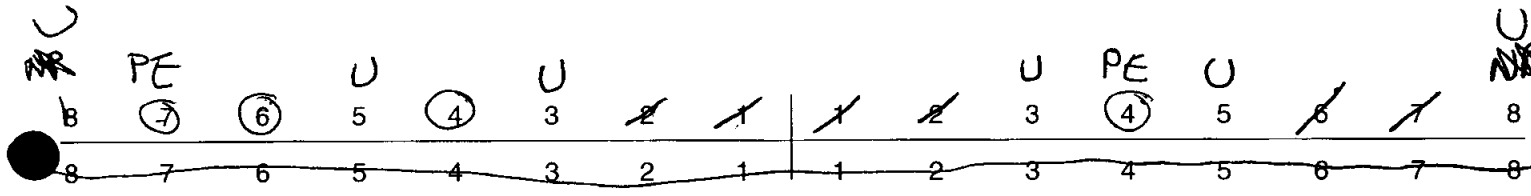
	L	R		L	R
10. Humerus Length	<input type="text"/>	<input type="text"/>	11. Femur Length	<input type="text"/>	<input type="text"/>
12. Ulna Length	<input type="text"/>	<input type="text"/>	13. Ilium Length	<input type="text"/>	<input type="text"/>
14. Radius Length	<input type="text"/>	<input type="text"/>	15. Fibula Length	<input type="text"/>	<input type="text"/>
16. Tibia Length	<input type="text"/>	<input type="text"/>			

17. Comments .....

**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

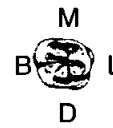
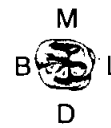
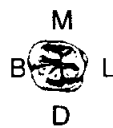
Left

Right

Left

Right

M1



M2

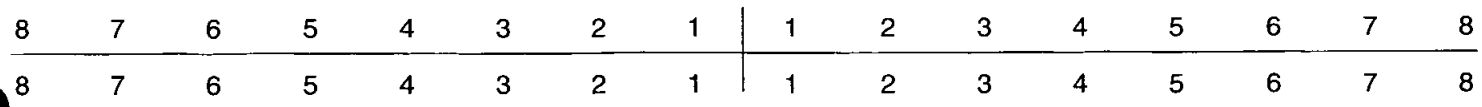


M3



43. Dental Hyoplasia

P = Pit    L = Line    G = Groove





1. Site Name OLR 00

2. Date of Record 22 02 01

3. Period P-M

4. Skeleton Number 6 03 5. Age 60+

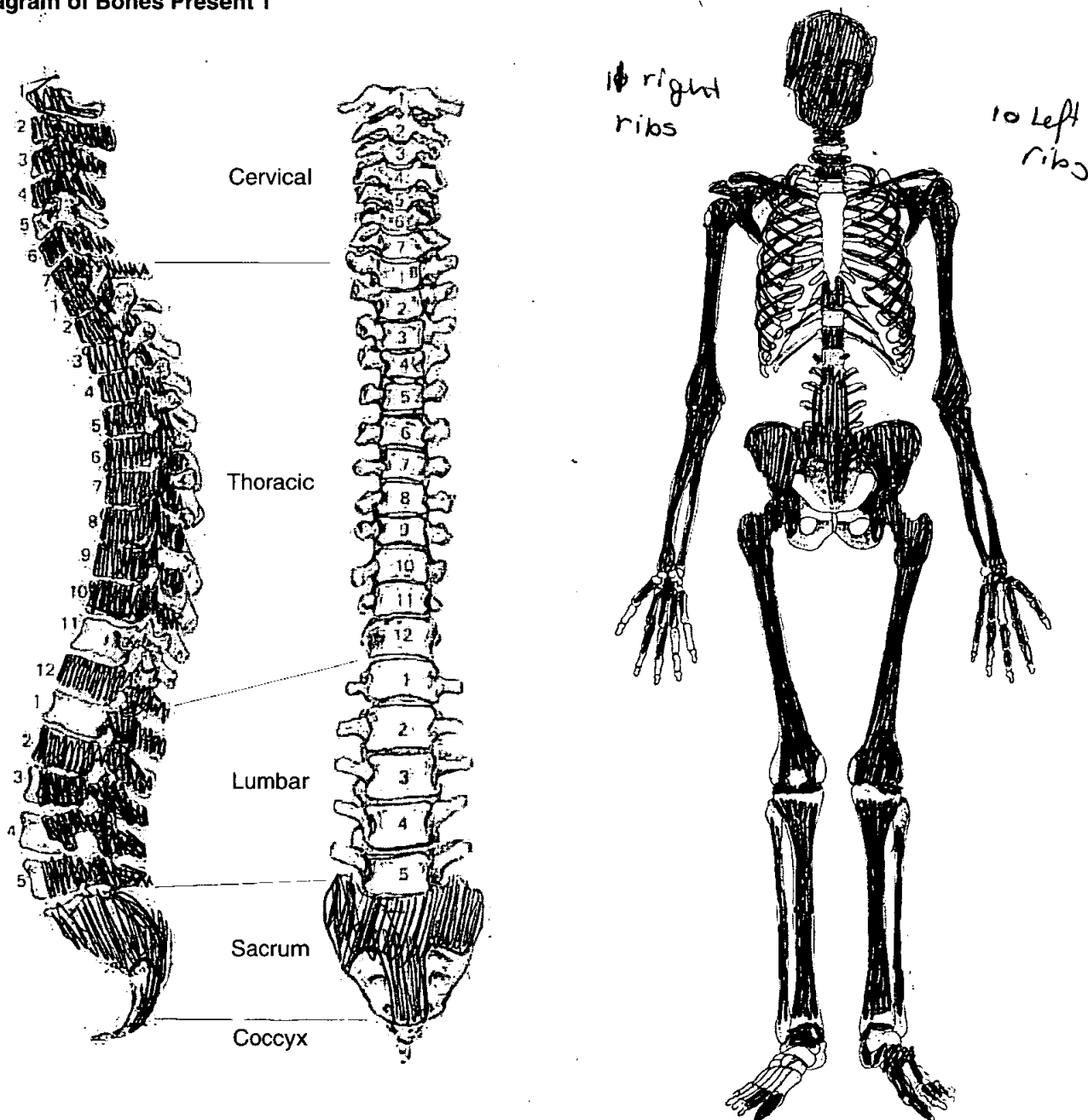
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 152.16 ± 3.72 cm

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed  
*fair*

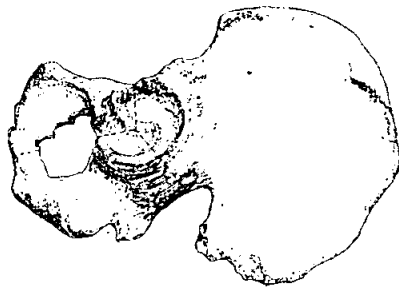
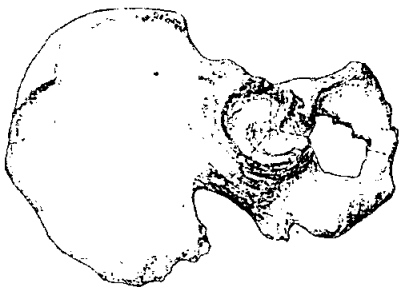
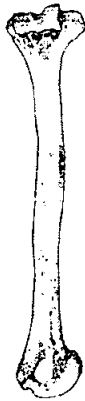
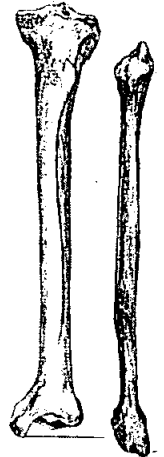
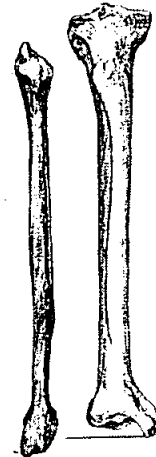
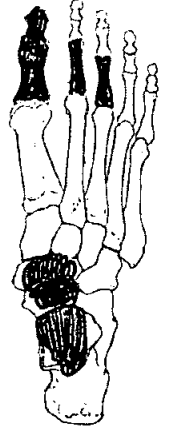
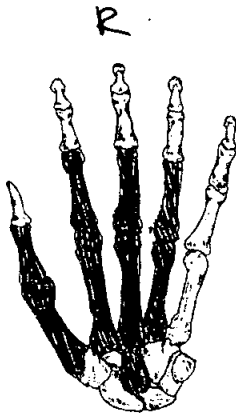
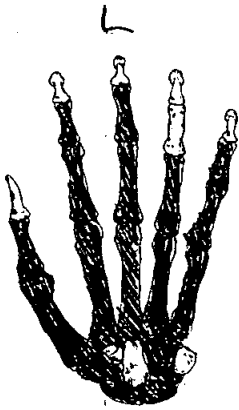
9: Summary of Pathological Conditions  
Dental disease; Degenerative joint disease, Osteoarthritis  
Spinal osteoarthritis, spinal degenerative disease  
Non-specific infection

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 NP
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀)
- 17. Sternal End of Ribs ♀ phase 28' 59.2-82.3
- 18. Cranial Suture Closure 44-52
- 19. Ilium Auricular Surface 40-50
- 20. Degenerative Joint Disease
- 21. Comments

**Sexing**

**Skull**

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

F?

36. Acetabulum

M?

37. Ilium Auricular Surface

F

**Sacrum**

38. Segments

M

39. Morphology

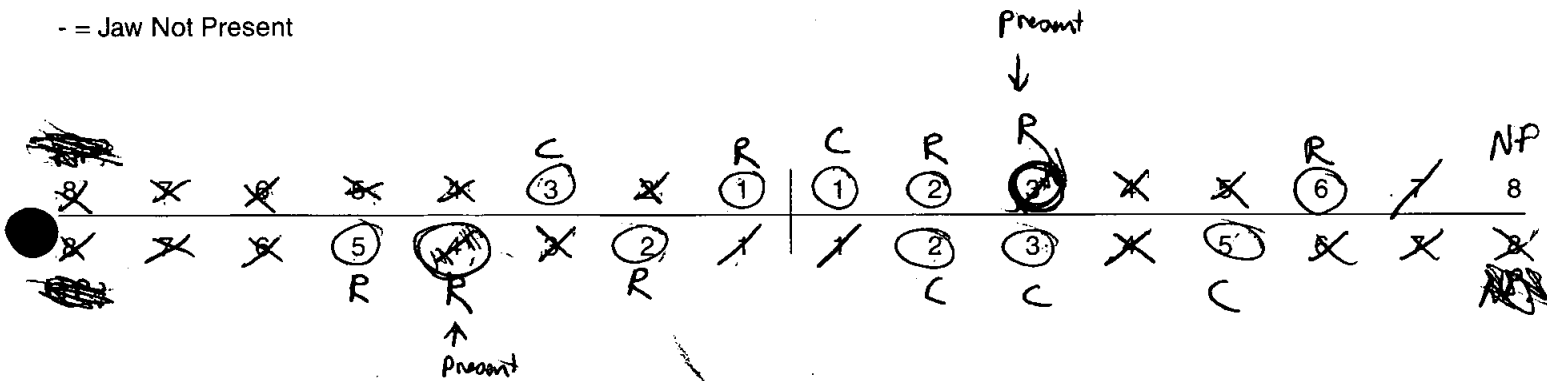
NP

**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

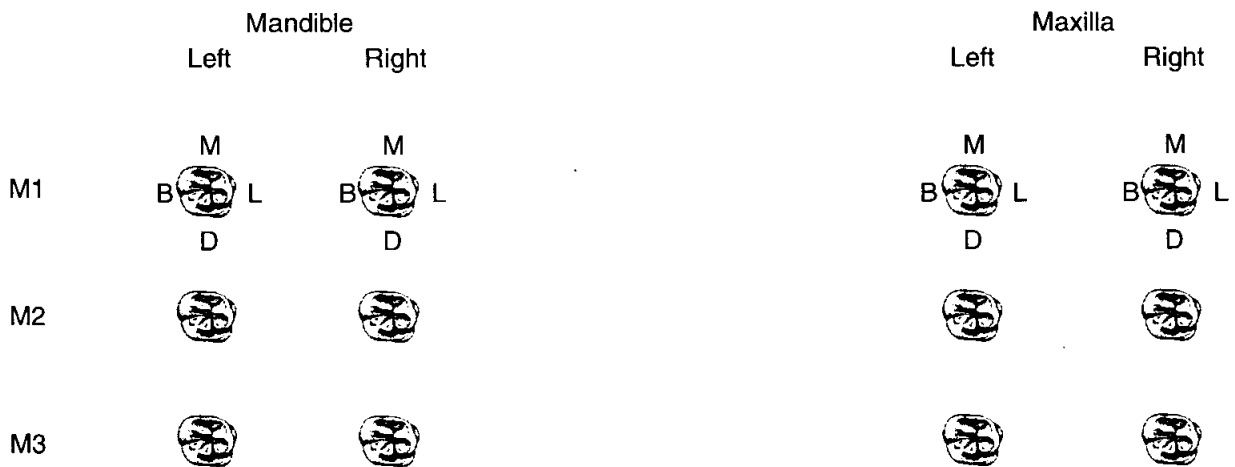
Overbite     Underbite     Edge to Edge

42. Molar Attrition

M1

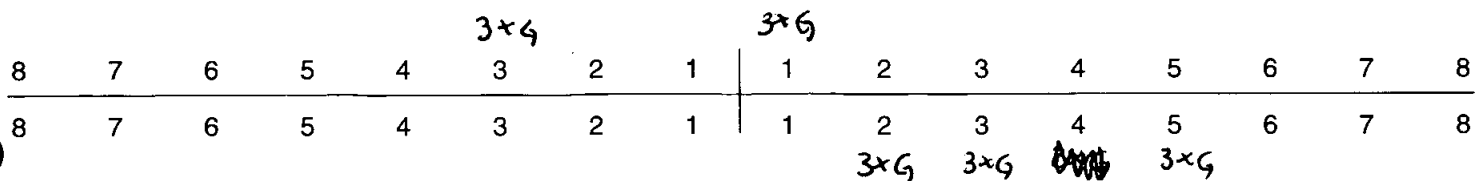
M2

M3



43. Dental Hyoplasia

P = Pit    L = Line    G = Groove



# Skeleton Recording Sheet (Adult)

## 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

									SD	SD						
									SM	SL						
									SL	SB						
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
									<del>SL</del>	SL	SL		SM			

## 45. Periodontal Disease (Brothwell 1981)

- S = Slight - Mandibular teeth + Maxillary teeth
- M = medium
- C = Considerable

## 46. Caries (Lukacs 1989)

Small                      Medium                      Large

Occusal	.....		
Mesial	.....		
Distal	2 1 3	3 1 10	.....
Buccal / Labial	1	5	.....
Lingual	.....		
Multiple	.....		

## 47. Abscess

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

## 48. Dental Anomalies

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

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L —	R —
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 42.5	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 22.5	R 22.5
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 26.68	R 26.3
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L	R

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

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 ..... P
- Lambdoid Ossicle ..... P
- Coronal Ossicle ..... A
- Epipteric Bone ..... L+R=A
- Ossicle at Asterion ..... L=P, R=A
- Parietal Notch Bone ..... L+R=A
- Fronto-temporo Articulation ..... L+R=A
- Parietal Foramen ..... L=A, R=P
- Access Infraorb. For ..... L=NP, R=A
- Zygomat. Facial. For ..... L=P, R=P
- Frontal. For ..... L+R=A
- Foramen of Huschke ..... L+R=A
- Auditory Torus ..... L=A, R=NO
- Mandibular Torus ..... L+R=A
- Torus Maxillares ..... L+R=A
- Precondylar Tubercle ..... A
- Foramen Ovale ..... L+R=A
- Supra-Orbital Foramen ..... L+R=A
- Postcondylar facet ..... L+R=A (Notches)
- Foramen Spinosum ..... L+R=A
- Posterior Cond. Canal ..... L+R=A (closed)
- Condylar Facet ..... R=P, L=A
- Mastoid Foramen ..... L+R=A (single)
- Ant. Ethmoid Foramen ..... L=NO, R=A
- Post. Ethmoid Foramen ..... L=NO, R=A
- Anterior Condylar Canal ..... L+R=A

→ L+R=P

**Skeleton Recording Sheet (Adult)**

51. Humerus

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

Scapula

supra-scapular <del>foramen</del> /notch		P	P
acromial articular facet		P	P

Atlas

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

Pelvis

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

Sacrum

accessory facets		A	A
spina bifida occulta	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		P	P

Patella

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

Tibia

facet form double		NP	NP
facet form single		↓	↓

Calcaneus

facet form double		P	NP
facet form single		A	↓

old Rdx 603

**Skeleton Recording Sheet (Adult)**

52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
Orbital Breadth (O'1)	—	38.1	
Orbital Length (O'2)	—	35.8	
Basion-Asterion Chord (091)			
Malar Height (MH)			
× Max. Cranial Length (L)			× 175
× Max. Cranial Breadth (B)			× 145
× Min. Frontal Breadth (B')			× 111.9
× Basion Bregma height (H')			× 121
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
× Upper Facial Height (G'M)			× 70.1
Bimaxillary Breadth (GB)			
× Bizygomatic Breadth (J)			× —
× Nasal Height (NH')			× 47.8
× Nasal Breadth (NB)			× 22.1
Sup. Nasal Breadth (NB')			
× Palatal Length (G'1)			× 48.24
× Palatal Breadth (G'2)			× 33.84
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			31.0
Mandibular Angle MZ			
Bigonial Breadth OoGo			94
Max. Mandibular Length			64



53.

left

right

**Femur**

FeL1 Max. L	397	395
FeL2 Obl. L		
FeD1 A-P Subtroch DI	26.5	26.6
FeD2 M-L Subtroch DI	35.6	33.5
FeDs Max. DI Head	—	—
C Midshaft Circ.		
FeEI Bicond Width	—	—

**Tibia**

TiL1 Max. L	—	—
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	30.5	—
TiD2 M-L DI. Nut. For	25.2	—

**Fibula**

FiL1 Max. L	—	—
-------------	---	---

**Humerus**

HuL1 Max. L	282	283
HuD5 Max. DI Head		
HC Midshaft Circ		

**Radius**

RaL1 Max. L	202	205
-------------	-----	-----

**Ulna**

UiL1 Max. L	217	220
-------------	-----	-----

**Clavicle**

CiL1 Max. L	131	137
-------------	-----	-----

54.

left

right

**Scapula**

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

36.2  
[ ]

37.62  
[ ]

**Atlas**

Max. Internal width

[ ] 27.3

[ ]

**Sternum**

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

[ ]  
[ ]

—  
—

[ ]  
[ ]

**Sacrum**

SacL Max. L  
SacB Max. B

[ ]  
[ ]

—  
—

[ ]  
[ ]

**Indices**

**Cranial**

Height/Length  
Height/Breadth

[ ] 69.14  
[ ] 83.45

[ ]  
[ ]

**Nasal**

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

[ ]  
[ ]  
[ ]  
[ ]  
[ ]

—  
46.23  
70.15

[ ]  
[ ]  
[ ]  
93.96  
[ ]

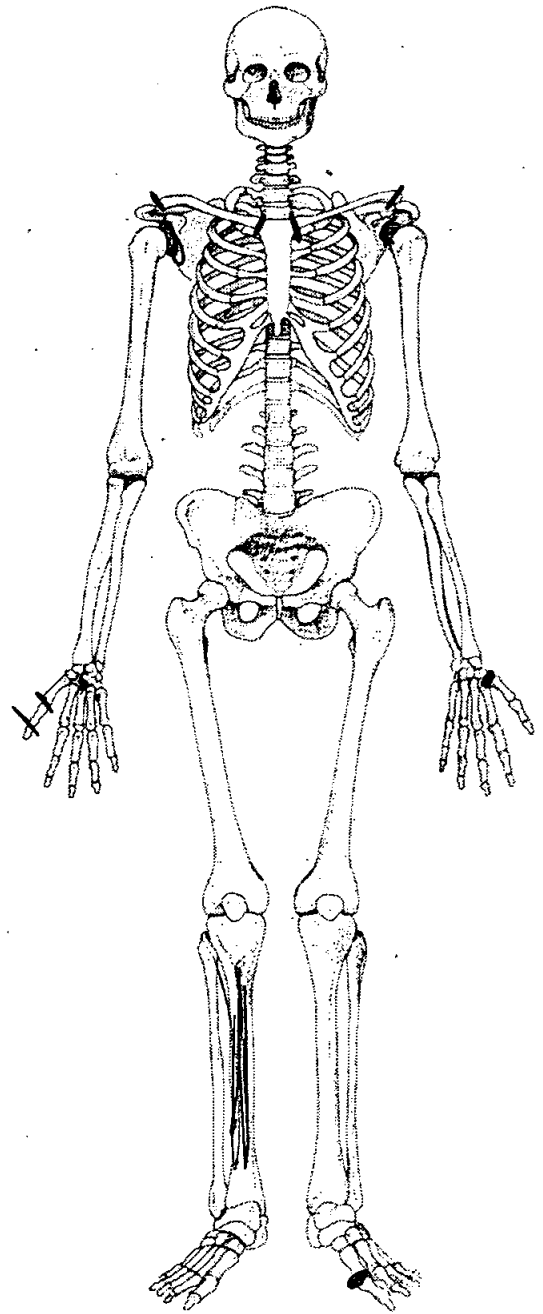
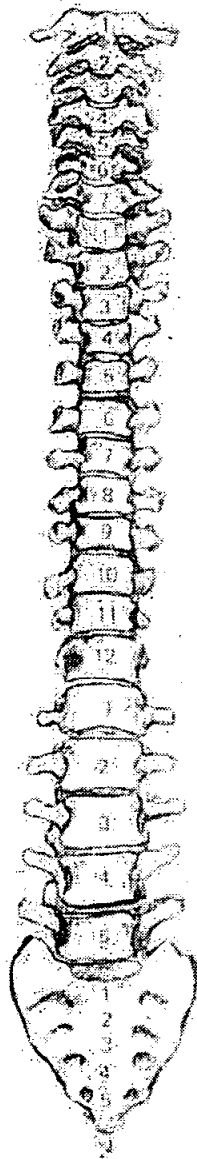
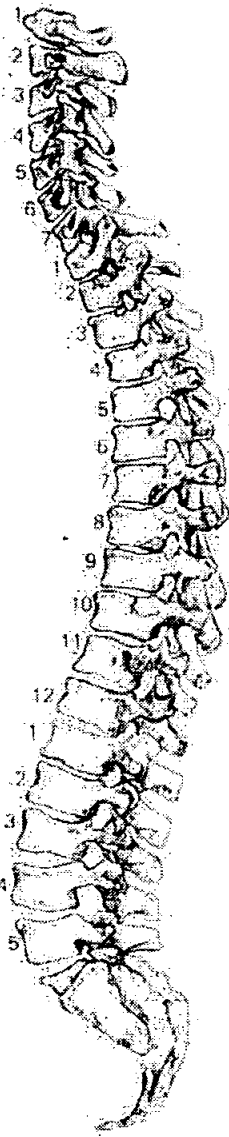
**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

74.44  
82.62  
71.63  
[ ]

79.40  
—  
72.44  
[ ]

55. Pathological Distribution



56. Pathological Description

DJD Left glenoid fossa: Moderate porosity & new bone deposits on the antero-inferior 1/2 of the fossa. Also slight osteophyte formation @ the rim. Right glenoid fossa: Gross porosity & antero-inferior margin + osteophyte (slight @ edge of rim).

DJD Gross porosity of the R+L acromio-clavicular joints & also the sternal ends of the clavicles.

Right capitulum: Posterior side inferior margin of the facet articulating with the scaphoid. Small area of eburnation, head of right 1st Metacarpal (metacarpophalangeal joint). Area of eburnation present on the infero-lateral aspect. Proximal phalanx of 1st digit (right hand) Proximal interphalangeal joint - lateral aspect of the head of prox. phalanx eburnated & also osteophytes present (moderate size).

OA Left trapezium-articular surface to first metacarpal: Area of eburnation on the medial aspect of the surface. Corresponding medial

→ over

OA { area on the medial aspect of the saddle joint of 1st MC.  
Left 1st Metatarsal: Area of eburnation, slight on the anterior aspect of the head.

NI { Shaft of right tibia: Periostitis is present on ~~the~~ all sides of the shaft. Lesion is more severe on the distal  $\frac{1}{2}$  where it is thickened posteriolaterally. Lesion consist of healed lamellar bone & new woven bone = Mixed. Lesion is therefore active @ time of death. New woven bone is predominant on the lateral side of the shaft & the medial aspect but more patchy there. Lamellar bone is predominantly on the distal  $\frac{1}{2}$  of the posterior side & prox  $\frac{1}{2}$  of the anterior border. The medial border of the fibula is also involved with mixed periostitis (healed & active lesions) present.

Occu-  
Postional { Large insertion points for the deltoids on the humeri. Femoral shafts are flattened & curved on the lateral side = Large <sup>point</sup> origin/insertion for vastus lateralis. Linea aspera - both femora are also raised & very pronounced. Relates to occupational activity.

X = Bone not present

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

		S.I.B	L.I.B	L.S.P	L.I.P	L.T.C	L.C.F	R.S.P	R.I.P	R.T.P	R.C.F	
		1	2	3	4	5	6	7	8	9	10	
C1	OP PO SN EB											Dens facet OP
C2	OP PO SN EB		PO									DENS OP
C3	OP PO SN EB								OP			
C4	OP PO SN EB		PO OP									
<del>C5</del>	OP PO SN EB											
C6	OP PO SN EB	OP PO	OP PO									
C7	OP PO SN EB	OP PO	OP PO									
T1	OP PO SN EB	PO	PO					OP				
T2	OP PO SN EB	PO	PO			X						
T3	OP PO SN EB	PO	PO			X	PO EB			X		
T4	OP PO SN EB	PO	PO			X				X	PO	
T5	OP PO SN EB	PO	PO			X				X		
T6	OP PO SN EB					X	PO OP			X	PO OP	
T7	OP PO SN EB					X	PO OP			X	X	
T8	OP PO SN EB	PO	PO OP-slight			X	PO			X	PO OP	
T9	OP PO SN EB	PO OP-slight	PO OP-slight			X				X	PO OP EB	
T10	OP PO SN EB	PO OP-slight	PO OP-slight		PO EB OP	X	X		PO EB OP	X	X	
T11	OP PO SN EB		PO OP-slight	PO EB OP	OP			PO EB OP	PO EB OP			
T12	OP PO SN EB	PO OP-slight	PO	OP				PO EB PO			PO OP	
L1	OP PO SN EB	X	X					X				
L2	OP PO SN EB	PO	PO									
L3	OP PO SN EB	PO	PO									
L4	OP PO SN EB	X	X		OP			OP PO	OP			
L5	OP PO SN EB	PO OP-slight	PO OP-Med.	OP	OP			OP	OP			

1. Site Name 022 00

2. Date of Record 31 01 01

3. Period \_\_\_\_\_

4. Skeleton Number 609        

5. Age MA

6. Sex (tick one)  Male  Female  Unidentified

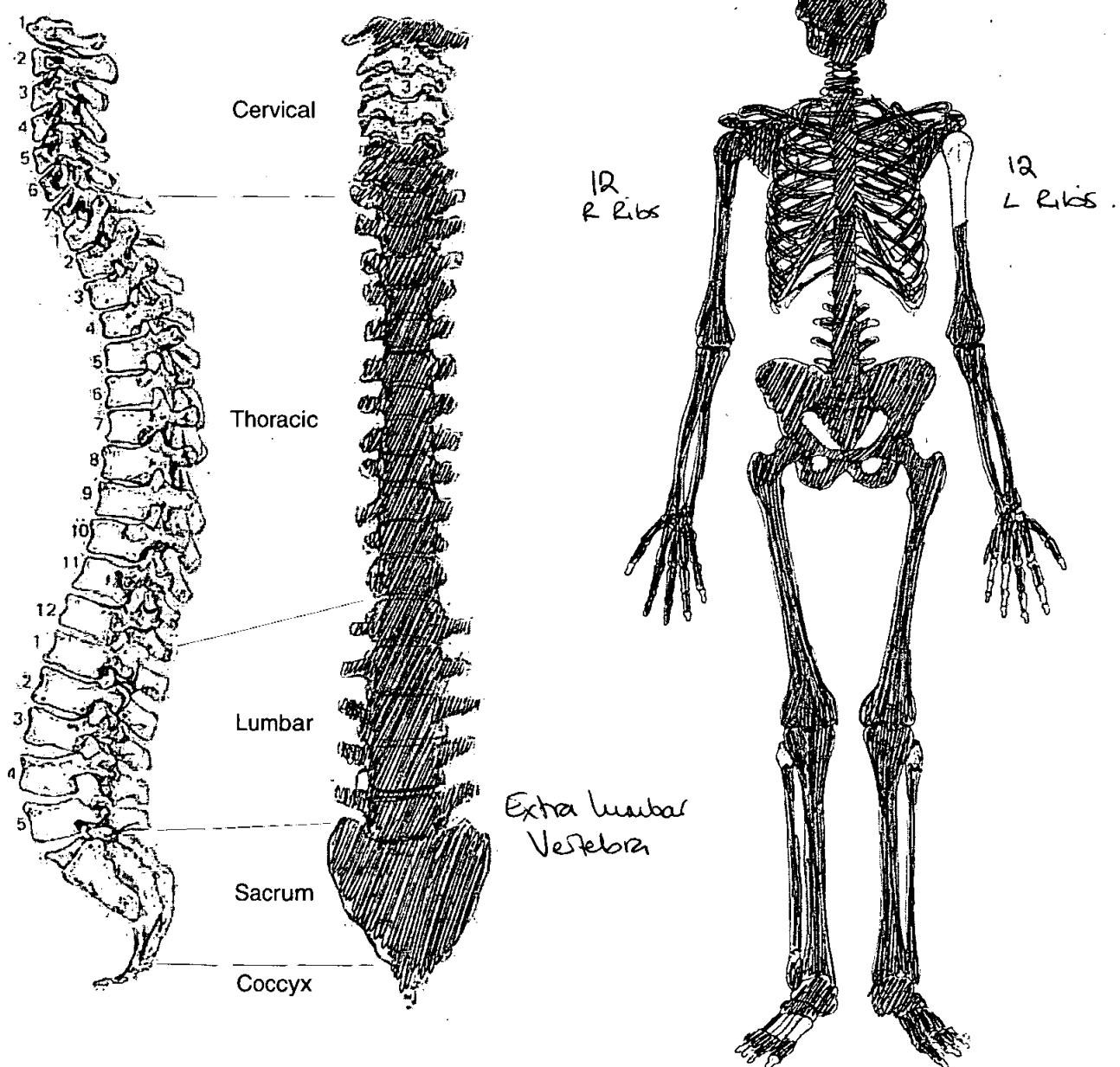
(30-45)

7. Stature 163.4 ± 3.55 cm

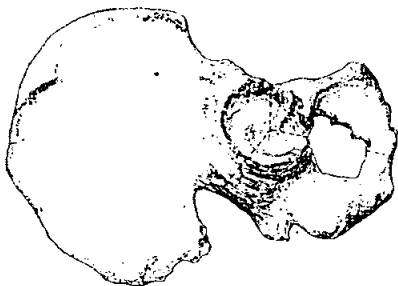
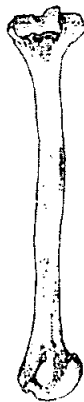
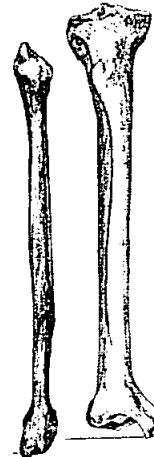
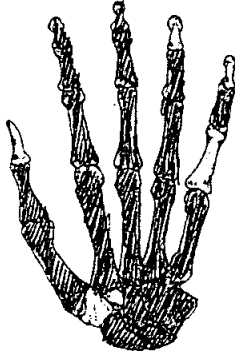
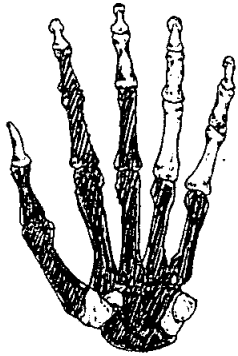
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions Sarcosis of 6th Lumbar Vertebra  
U. Slight SID + Schmorl's nodes  
Type I cribra orbitalia R + L orbits

**10. Diagram of Bones Present 1**



11. Diagram of Bones Present 2



**Adult Age Estimation**

- 13. Epiphyseal Fusion 25-29<sup>+</sup>
- 14. Dental Eruption and Development 18<sup>+</sup>
- 15. Dental Attrition 25-36
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀) IV 38.2 (Mean)
- 17. Sternal End of Ribs 33-46
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface 35-44
- 20. Degenerative Joint Disease
- 21. Comments

**Sexing**

**Skull**

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



**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

Male (V. Slight Sulcus)

34. Obturator Foramen

Female

35. Pelvic Brim

Female

36. Acetabulum

Female

37. Ilium Auricular Surface

Ambiguous

**Sacrum**

38. Segments

Female

39. Morphology

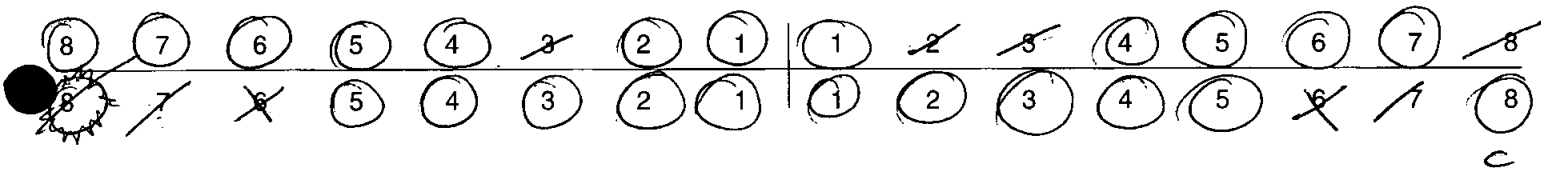
Female

**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

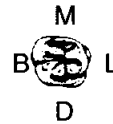
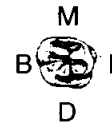
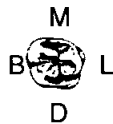
Left

Right

Left

Right

M1



M2

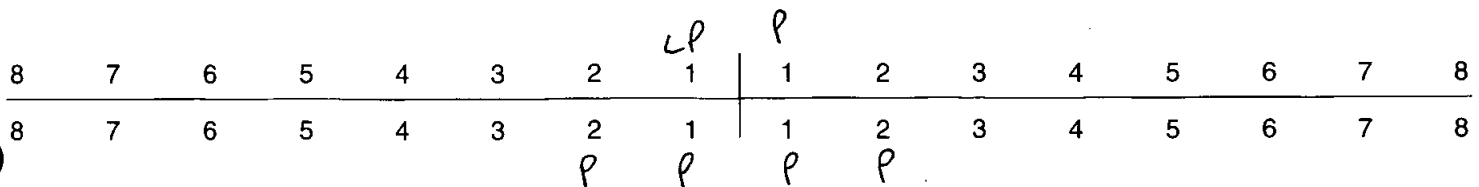


M3



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	SA	S L ME B	SL	SA	3	2	1	1	SB	<del>ME</del>	SB	S B M	SL ME B	SL ME B	8
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
			ME L	SL	SL	←	SB	SB	SB	← ME L	SB	SL	SL		SL

45. Periodontal Disease (Brothwell 1981)

S = Slight  
 M = medium  
 C = Considerable

46. Caries (Lukacs 1989)

Small                      Medium                      Large

Occusal .....  
 Mesial .....  
 Distal .....  
 Buccal / Labial ..... 18 .....  
 Lingual .....  
 Multiple .....

47. Abscess

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

48. Dental Anomalies

41 Mesially rotated  
 .....  
 .....  
 .....  
 .....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 42.5	R <del>42.5</del> 42.8
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 71.2	R 75.5
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L -	R 43.2
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 20.4	R 20.2
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 25	R 25.3
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 134	R 128.6

50. Cranial Non-metrics

Pronounced occipital bone

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	R+L = A
Coronal Ossicle	R+L = A
Epipterice 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 = P, L = A
Access. Infraorb. For	R+L = A
Zygomat. Facial. For	R+L = P
Frontal. For	R+L = A
Foramen of Huschke	→ R+L Present
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 (bridged), L = A (unbridged)
Postcondylar facet	R+L = A
Foramen Spinosum	R+L = P
Posterior Cond. Canal	R+L = A
Condylar Facet	R+L = A (Single)
Mastoid Foramen	R+L = A
Ant. Ethmoid Foramen	A.N.P.
Post. Ethmoid Foramen	N.P.
Anterior Condylar Canal	R+L = P (double)

51. Humerus

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

Scapula

	unside	left	right
supra-scapular foramen/notch		P	P
acromial articular facet		A	A

Atlas

	unside	left	right
facet form <del>double</del> /single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		CB	CB

Pelvis

	unside	left	right
accessory facets		A	A

Sacrum

	unside	left	right
accessory facets			
spina bifida occulta		↓	↓

Femur

	unside	left	right
allen's fossa		A	A
polirier's facet			
plaque			
third trochanter			
hypotrochanteric fossa			
exostois in trochanteric fossa		↓	↓

Patella

	unside	left	right
vastus notch		P	P
vastus fossa		A	A
emarginate patella		A	A

Tibia

	unside	left	right
Medial facet form double		A	A
Lateral facet form single		A	A

Calcaneus

	unside	left	right
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)	37.6	37.7	
Orbital Length (O'2)	31.8	32.4	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			180
Max. Cranial Breadth (B)			133
Min. Frontal Breadth (B')			87
Basion Bregma height (H')			140
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			65.3
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			
Nasal Height (NH')			52
Nasal Breadth (NB)			22.9
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			118
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			26.3
Mandibular Angle MZ			
Bigonial Breadth OoGo			98
Max. Mandibular Length			97

OLR 00 609

# Skeleton Recording Sheet (Adult)

54.

left

right

### Scapula

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

35.5

35.9

### Atlas

Max. Internal width

27.2

### Sternum

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

} Used - also to xiphoid = 139.5

### Sacrum

SacL Max. L  
SacB Max. B

96.4  
113.8

L6 partially used or - not included in measurement

### Indices

#### Cranial

Height/Length  
Height/Breadth

77.7  
105.26

#### Nasal

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

44.04  
84.6

85.9

#### Post Cranial

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

123.9  
71.37

123.8  
75.68  
69.16

**Skeleton Recording Sheet  
(Adult)**

53.

left

right

**Femur**

FeL1 Max. L	443	442
FeL2 Obl. L		
FeD1 A-P Subtroch DI	23.4	23.9
FeD2 M-L Subtroch DI	29	29.6
FeDs Max. DI Head		
C Midshaft Circ.		
FeE1 Bicond Width		

**Tibia**

TiL1 Max. L	350	352
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	27.6	29.2
TiD2 M-L DI. Nut. For	19.7	22.1

**Fibula**

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

**Humerus**

HuL1 Max. L	-	321
HuD5 Max. DI Head		
HC Midshaft Circ		

**Radius**

RaL1 Max. L	222	222
-------------	-----	-----

**Ulna**

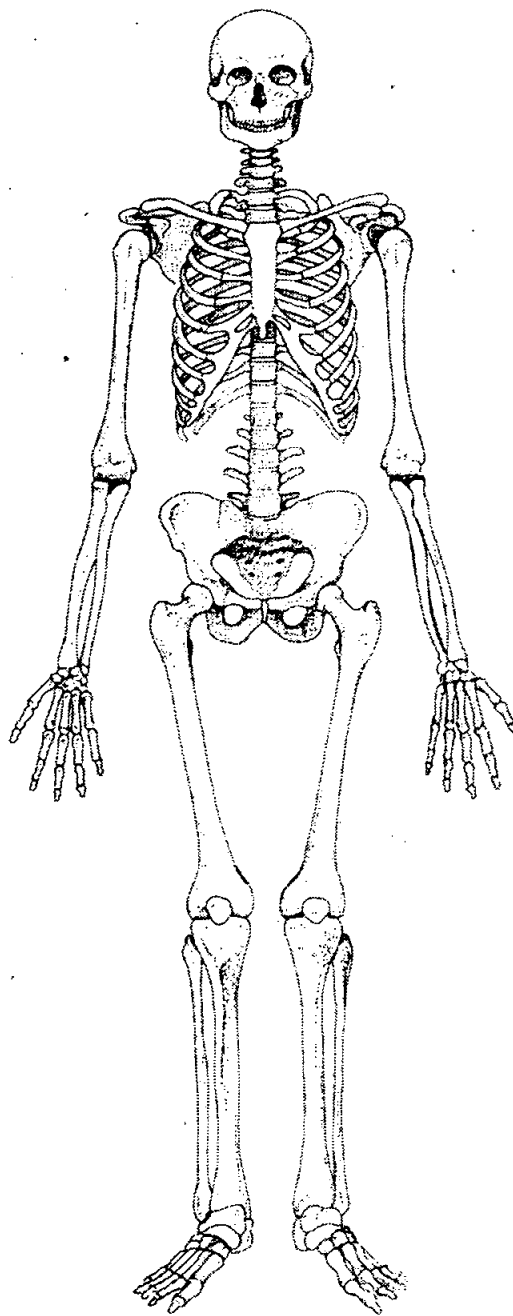
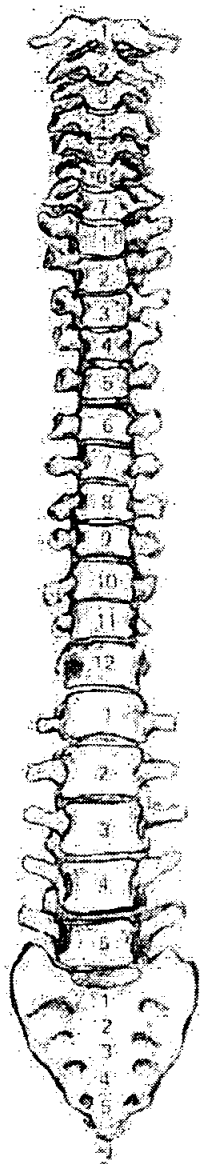
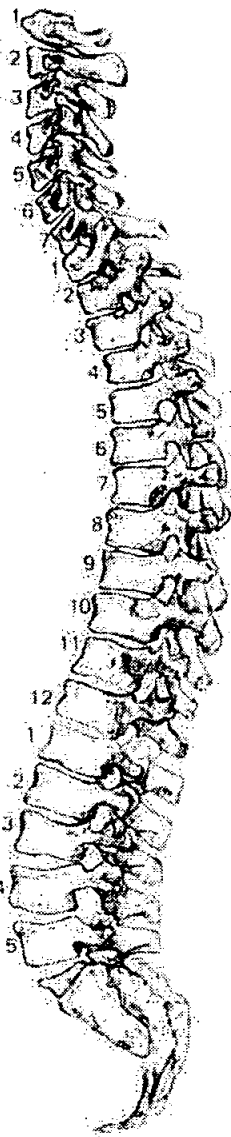
UiL1 Max. L	240	244
-------------	-----	-----

**Clavicle**

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



55. Pathological Distribution



56. Pathological Description

*Sacralization L6  
Type 1 Cribra orbitalia R+L orbits*

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	✓	✓ slight								
C7	OP PO SN EB		✓ slight								
T1	OP PO SN EB		✓ slight								
T2	OP PO SN EB										
T3	OP PO SN EB										
T4	OP PO SN EB		✓ slight		✓ slight				✓ slight		
T5	OP PO SN EB		✓ slight								
T6	OP PO SN EB	✓ slight	✓ large								
T7	OP PO SN EB		✓ large								
T8	OP PO SN EB	<del>✓ slight</del>	✓ large								
T9	OP PO SN EB		✓ slight								
T10	OP PO SN EB										
T11	OP PO SN EB										
T12	OP PO SN EB		✓ slight				✓				✓
L1	OP PO SN EB		✓ small								
L2	OP PO SN EB										
L3	OP PO SN EB	✓ small									
L4	OP PO SN EB										
L5	OP PO SN EB										

L6 = fused to S1 by L. inferior facet on transverse + 'ala', fusion in R. facets just commencing.

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

64

1. Site Name OLR 00

2. Date of Record 25 01 01

3. Period \_\_\_\_\_

4. Skeleton Number 614 5. Age MTA 40+

6. Sex (tick one)  Male  Female  Unidentified

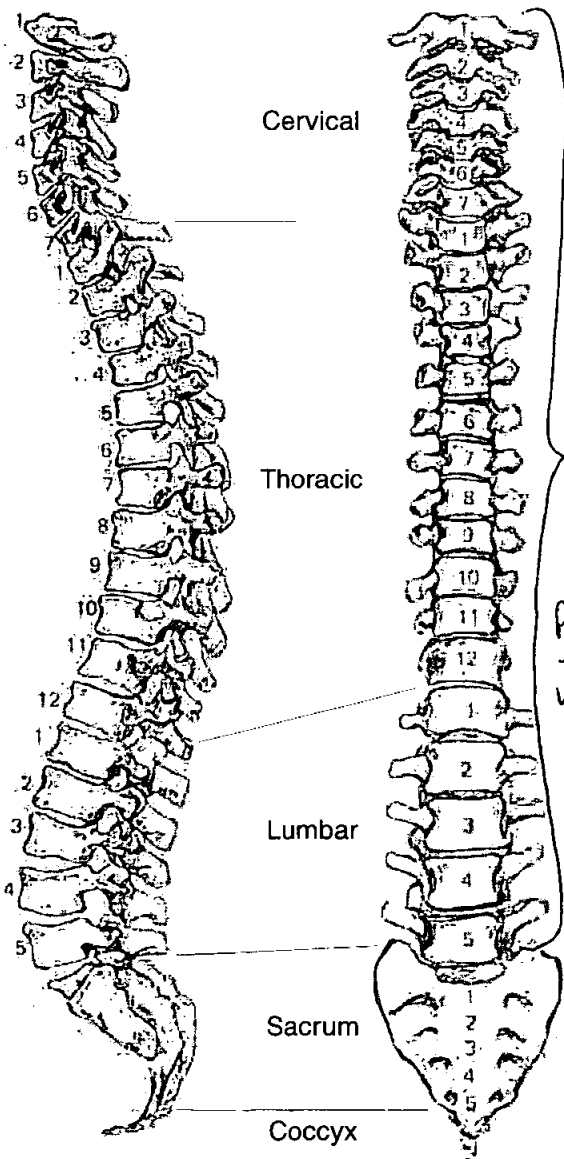
7. Stature 161.2 ± 3.55 cm

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed  
*But dirty*

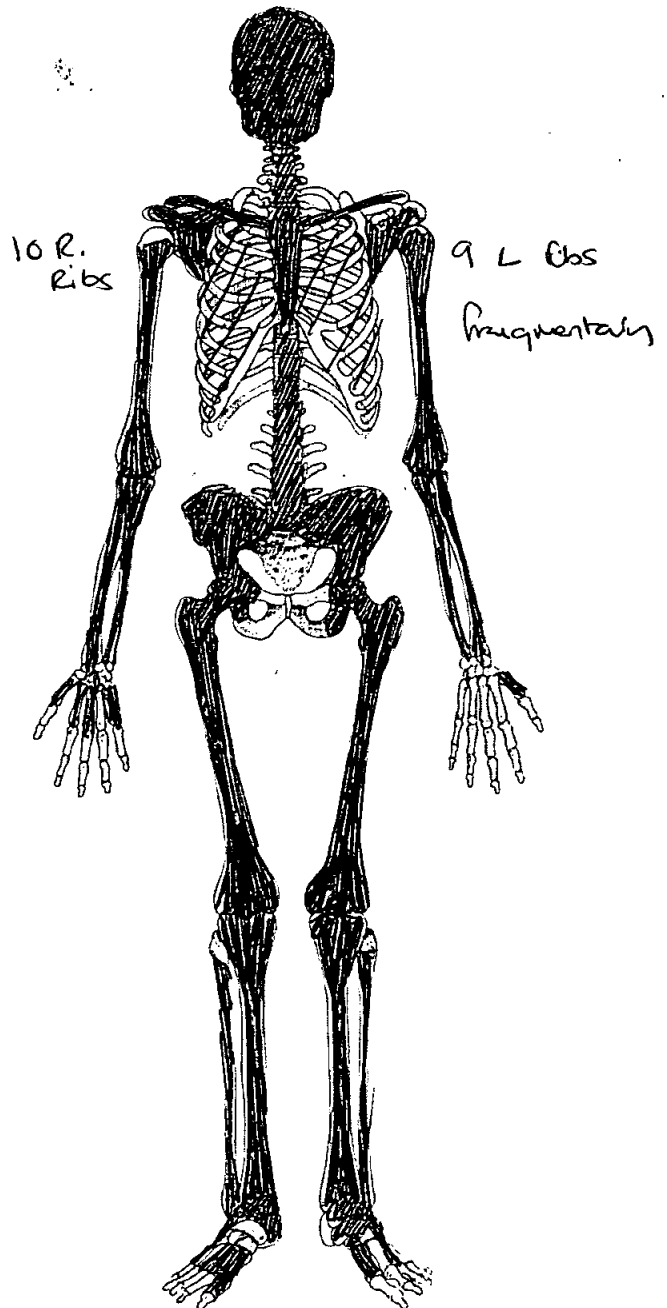
9. Summary of Pathological Conditions \_\_\_\_\_

*Slight SJD  
Dental Disease  
Healed fractures unhealed ribs x2*

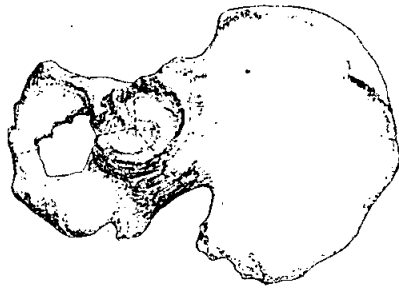
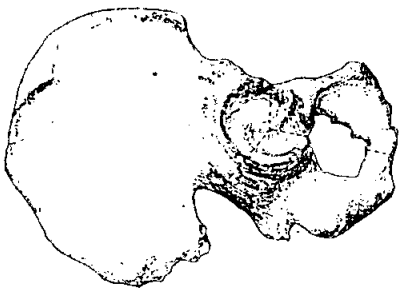
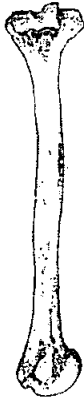
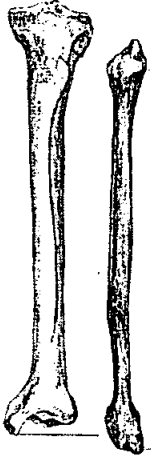
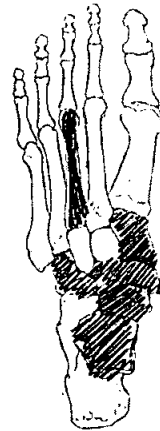
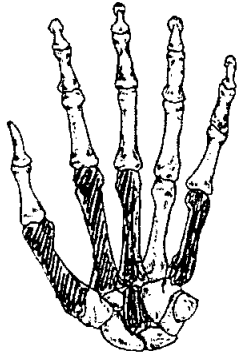
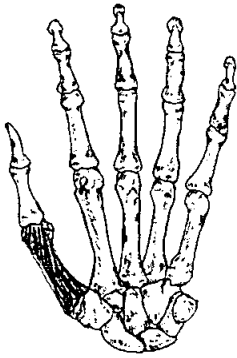
**10. Diagram of Bones Present 1**



*Present + intact*



11. Diagram of Bones Present 2



**Adult Age Estimation**

- 13. Epiphyseal Fusion 25-29+
- 14. Dental Eruption and Development 18+
- 15. Dental Attrition 7) only Surviving
- 16. Pubic Symphyses NP
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀)
- 17. Sternal End of Ribs S9-71
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface 45-49
- 20. Degenerative Joint Disease None observed
- 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

~~Female~~ *NP*

30. Subpubic Concavity

31. Ischio-Pubic Ramus

32. Ventral Arc

33. Preauricular Sulcus

*Female (large + wide)*

34. Obturator Foramen

*Incomplete*

35. Pelvic Brim

*Female*

36. Acetabulum

*Female*

37. Ilium Auricular Surface

*Female*

**Sacrum**

38. Segments

*Sub. equal*

39. Morphology

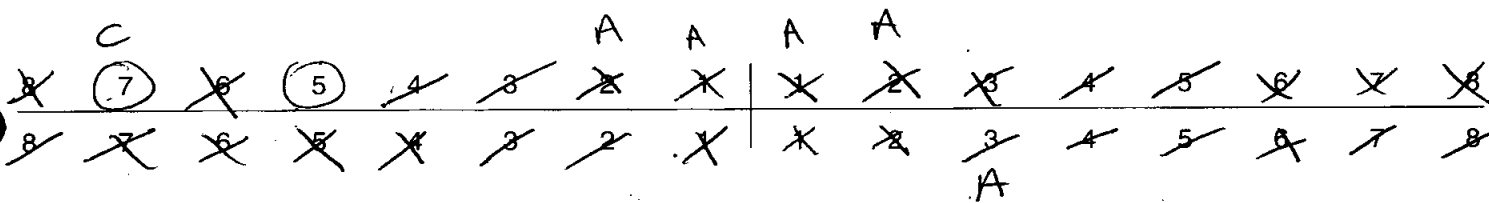
*Incomplete*

**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

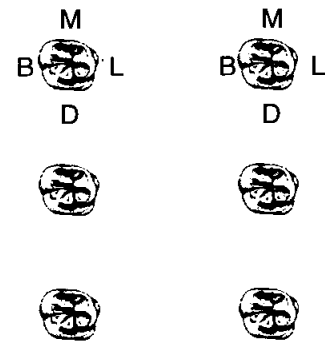
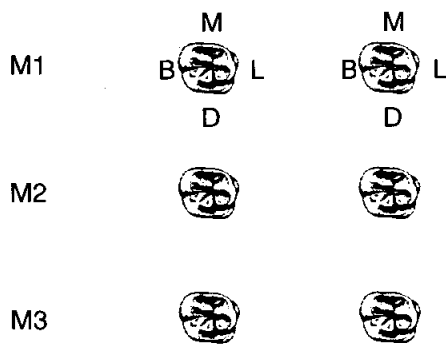
Maxilla

Left

Right

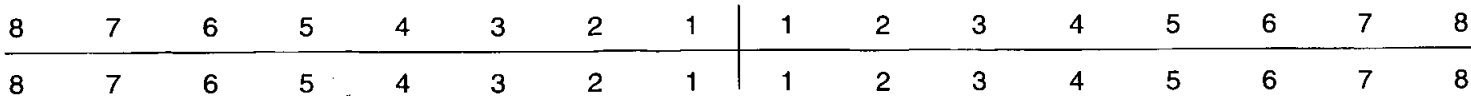
Left

Right



43. Dental Hyoplasia

P = Pit    L = Line    G = Groove





44. Calculus (Brothwell 1981)

Position	Severity
O = Occlusal	F = Flecks
D = Distal	S = Slight
L = Lingual	ME = Medium
B = Buccal	H = Heavy
M = Mesial	
A = All sides	

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 Maxilla

46. Caries (Lukacs 1989)

Small                      Medium                      Large

Occusal	.....
Mesial	.....
Distal	.....
Buccal / Labial	..... <i>7</i> .....
Lingual	.....
Multiple	.....

47. Abscess

Internal Drain	.....
External Drain	..... <i>13 2112</i> .....

48. Dental Anomalies

..... *Partial resorption of anterior* .....

..... *Maxillary alveolar bone. Also P.M.* .....

..... *damage to the + nasal region* .....

.....

.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 44.5	R 45
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 78.4	R 78
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 43.2	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 24.8	R 24.8
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 140	R 137

50. Cranial Non-metrics

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	NP
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	B = A
Coronal Ossicle	B = A
Epipterice Bone	B = A
Ossicle at Asterion	R + L Present
Parietal Notch Bone	B = A
Fronto-temporo Articulation	B = A
Parietal Foramen	L = Present R = Absent
Access Infraorb. For	B = A
Zygomat. Facial. For	B = A
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	A
Posterior Cond. Canal	B = A
Condylar Facet	B = Single
Mastoid Foramen	R = accessory foramen
Ant. Ethmoid Foramen	NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	B = 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	P
posterior bridge		A	A
transverse foramen biparite		A	A

Extending posteriorly rather than laterally. Articulated w/ facet on occipital

Pelvis

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

Sacrum

accessory facets		A	A
spina bifida occulta		A	A

Femur

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

Patella

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

Tibia

Medial Sq facet form double		A	A
Lateral Sq facet form single		A	A

Calcaneus

facet form double		NP	P
facet form single			

OLR 00

# Skeleton Recording Sheet (Adult)

52.

left

right

unsided

### Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	41.8	42.6	
Orbital Length (O'2)	<del>42.6</del> 37.2	38.4	
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			180
Max. Cranial Breadth (B)			139
Min. Frontal Breadth (B')			103
Basion Bregma height (H')			138
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			Damaged + pathological
Bizygomatic Breadth (J)			
Nasal Height (NH')			104
Nasal Breadth (NB)			46
Sup. Nasal Breadth (NB')			Damaged
Palatal Length (G'1)			
Palatal Breadth (G'2)			-
Frontal Arc (S1)			28.4
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			115
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			31.2
Mandibular Angle MZ			
Bigonial Breadth OoGo			85
Max. Mandibular Length			87

*OLR 00*

# Skeleton Recording Sheet (Adult)

53.

left

right

### Femur

FeL1 Max. L	433	429
FeL2 Obl. L		
FeD1 A-P Subtroch DI	25.8	28.4
FeD2 M-L Subtroch DI	28.8	31.6
FeDs Max. DI Head		
C Midshaft Circ.		
FeEI Bicond Width		

### Tibia

TiL1 Max. L	344	337
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	31.4	30.9
TiD2 M-L DI. Nut. For	21	22.1

### Fibula

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

### Humerus

HuL1 Max. L	293	-
HuD5 Max. DI Head		
HC Midshaft Circ		

### Radius

RaL1 Max. L	208	209
-------------	-----	-----

### Ulna

UiL1 Max. L	226	-
-------------	-----	---

### Clavicle

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

54.

left

right

**Scapula**

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

**Atlas**

Max. Internal width

26.2

**Sternum**

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

74.2  
52.3

**Sacrum**

SacL Max. L  
SacB Max. B

—  
115.7

**Indices**

**Cranial**

Height/Length  
Height/Breadth

76.6  
99.3

**Nasal**

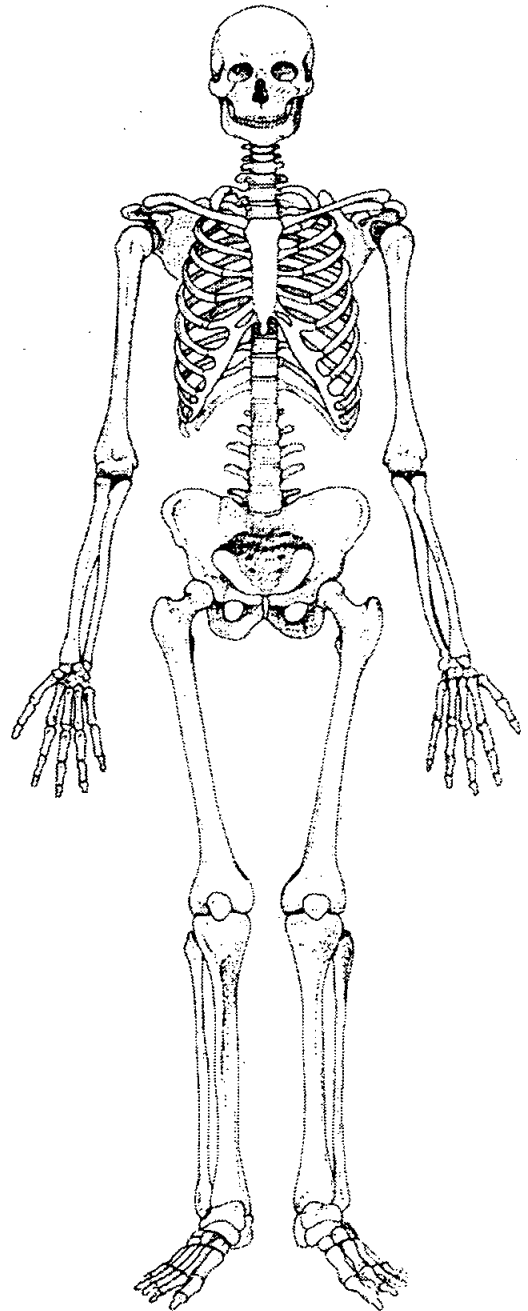
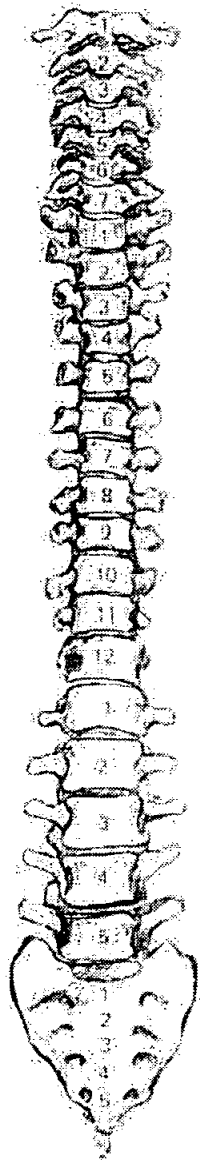
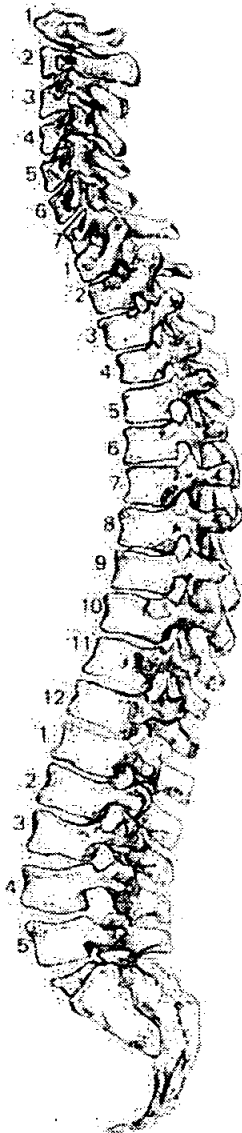
Upper Facial  
Foraminal *Nasal*  
Palatal  
Orbital  
Mean Porion Height

—  
44.2  
—

**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

55. Pathological Distribution



56. Pathological Description

*SJD See sheet.*

*Healed fractured unhealed ribs x2. Well healed  
but small amt. Callus still evident.*

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

# Skeleton Recording Sheet (Adult)

1. Site Name OLROO

2. Date of Record 20 02 01

3. Period Post-Med

4. Skeleton Number 616 5. Age 60+ Years

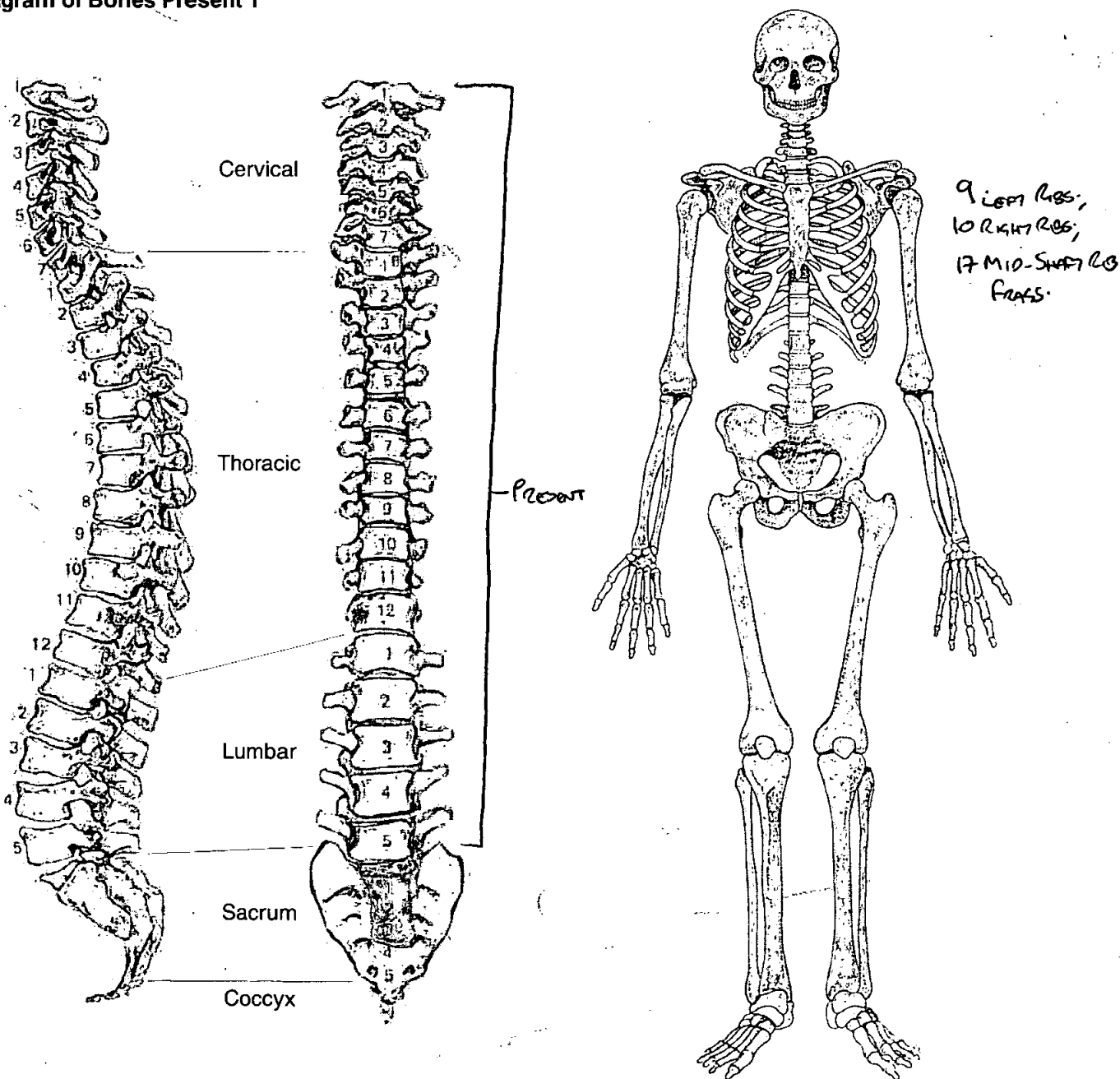
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 177.04 ± 2.99 cm

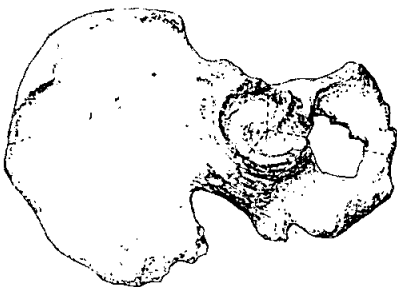
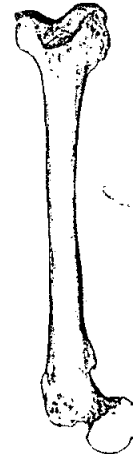
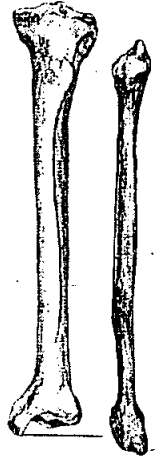
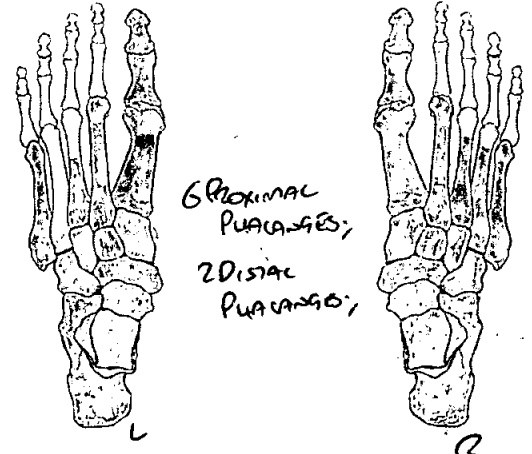
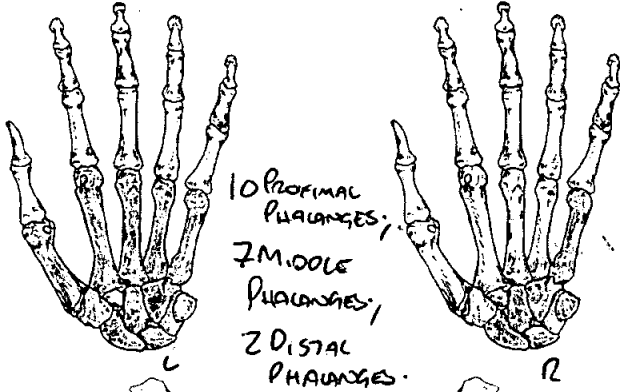
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions OSTEOARTHRITIS (EROSIONS OF JOINT SURFACES); OSTEOPTIKS; OSSIFICATION OF COSTAL & LIGAMENT CARTILAGE; LYMPH LESIONS; DEGENERATIVE JOINT DISEASE; TRAUMA TO A.P.C.; D. 154

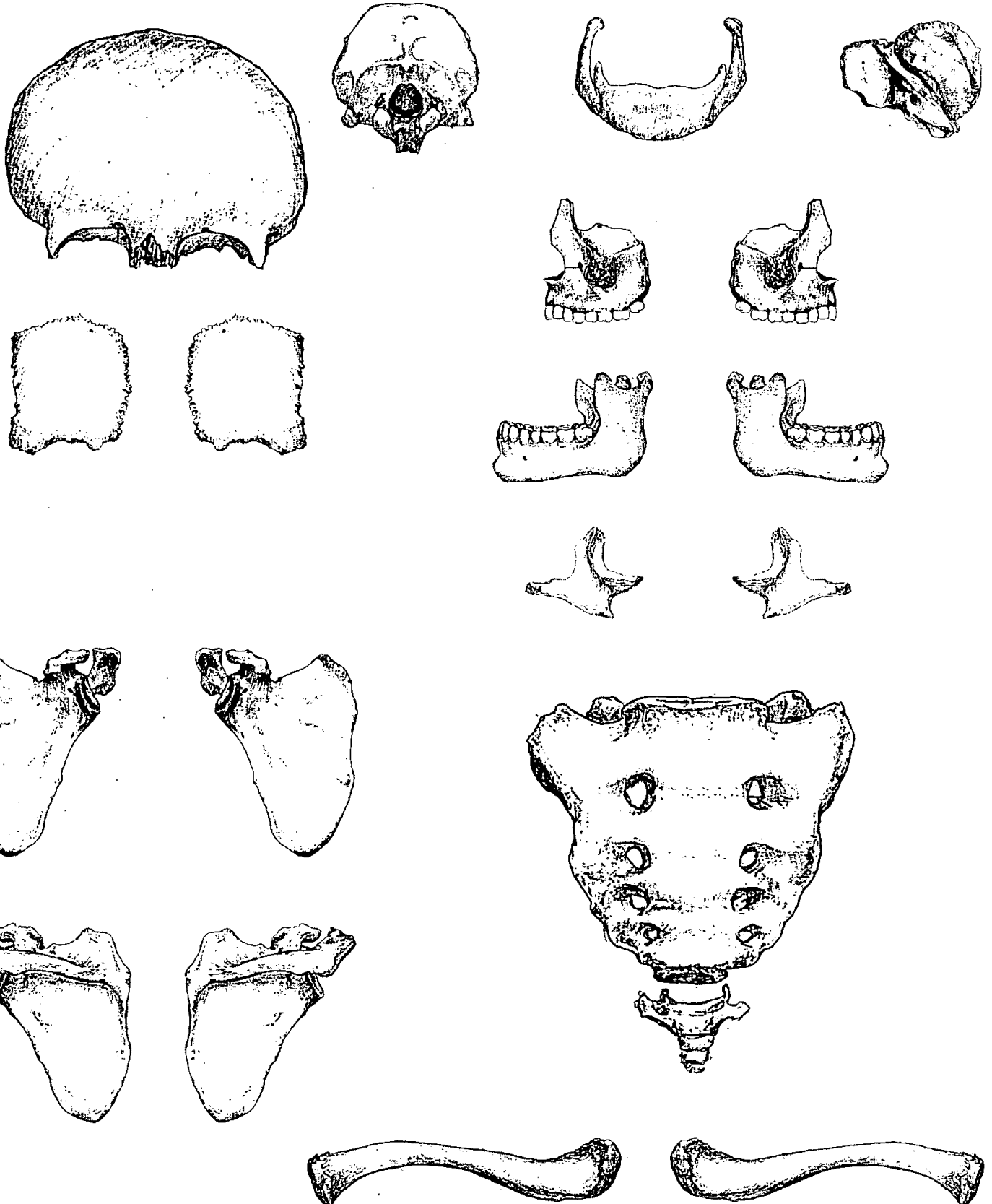
## 10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



12. Diagram of Bones Present 3



**Adult Age Estimation**

- 13. Epiphyseal Fusion STERNAL ENDS OF CLAVICLE'S FUSED. C. 26+ YEARS.
- 14. Dental Eruption and Development SOOTER FOR I8 PRESENT. C. 18+ YEARS.
- 15. Dental Attrition I5 - C. 48+ YEARS
- 16. Pubic Symphyses RIGHT OS COXA OSED.
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀) PHASE II - C. 49-73 YEARS.
- 17. Sternal End of Ribs PHASE III - C. 65+ YEARS.
- 18. Cranial Suture Closure AGED 50+ YEARS.
- 19. Ilium Auricular Surface AREA DESTROYED ON OS COXA. METHOD NOT ATTEMPTED.
- 20. Degenerative Joint Disease VERTEBRAE PATHOLOGICAL. METHOD NOT ATTEMPTED.
- 21. Comments AGED 60+ YEARS BASED ON P/S, SECAP, & CS:C.

**Sexing**

**Skull**

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

39. Morphology " " "

**Sternum**

MALE

**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	X	/	/	/	/	R	/	/	/	/	/	/	/	/	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	4	5	6	7	8
NP	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

41. Bite

Overbite     Underbite     Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

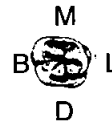
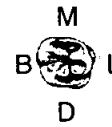
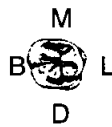
Left

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

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

45. Periodontal Disease (Brothwell 1981)

S = Slight  
M = medium - UPON ALL REMAINING VISIBLE TOOTH SOCKETS.  
 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 51	R 55
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 83	R 82
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 50	R 48
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 25	R 23
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 33	R 30
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 174	R 175

50. Cranial Non-metrics \*A - Absent.

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	PRES ON LEFT; A ON RIGHT.
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	A
Access Infraorb. For	A
Zygomat. Facial. For	A
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	PRES ON LEFT + RIGHT
Mastoid Foramen	SINGLE ON LEFT + RIGHT
Ant. Ethmoid Foramen	A
Post. Ethmoid Foramen	A
Anterior Condylar Canal	A

# Skeleton Recording Sheet (Adult)

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	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

accessory facets		DAMAGED	DAMAGED
------------------	--	---------	---------

Sacrum

accessory facets		DAMAGED	DAMAGED
spina bifida occulta	A		

Femur

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

Patella

vastus notch		A	<del> </del>
vastus fossa		A	<del> </del>
emarginate patella		A	<del> </del>

Tibia

facet form double		A	A
facet form single		A	A

Calcaneus

facet form double		A	A
facet form single		✓	✓

52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
Orbital Breadth (O'1)	36	37	
Orbital Length (O'2)	36	38	
Basion-Asterion Chord (091)			
Malar Height (MH)			£
Max. Cranial Length (L)			196
Max. Cranial Breadth (B)			147
Min. Frontal Breadth (B')			119
Basion Bregma height (H')			149
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			95
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			134
Nasal Height (NH')			50
Nasal Breadth (NB)			24
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			52
Frontal Arc (S1)			41
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			35
Mandibular Angle MZ			
Bigonial Breadth OoGo			81
Max. Mandibular Length			134

**Skeleton Recording Sheet (Adult)**

53.

left

right

**Femur**

FeL1 Max. L	486	491
FeL2 Obl. L		
FeD1 A-P Subtroch DI	33	35
FeD2 M-L Subtroch DI	38	38
FeDs Max. DI Head	51	55
C Midshaft Circ.		
FeE1 Bicond Width	83	82

**Tibia**

TiL1 Max. L	289	390
TiB1 Bicond Width	70	80
TiD1 A-P DI. Nut. For	34	34
TiD2 M-L DI. Nut. For	29	27

**Fibula**

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

**Humerus**

HuL1 Max. L	353	352
HuD5 Max. DI Head	50	48
HC Midshaft Circ		

**Radius**

RaL1 Max. L	253	252
-------------	-----	-----

**Ulna**

UiL1 Max. L	272	261
-------------	-----	-----

**Clavicle**

ClL1 Max. L	174	175
-------------	-----	-----

*OLR00*

**Skeleton Recording Sheet (Adult)**

54.

left

right

**Scapula**

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

<i>42</i>
<i>33</i>

48
30

**Atlas**

Max. Internal width

--

*28*

--

**Sternum**

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


*102*  
*51*


**Sacrum**

SacL Max. L  
SacB Max. B


*lcomplete*  
*lcomplete*


**Indices**

**Cranial**

Height/Length  
Height/Breadth


*76.02*  
*101.36*


**Nasal**

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

<i>100</i>

*70.89*  
*48*  
*78.84*

<i>102.7</i>

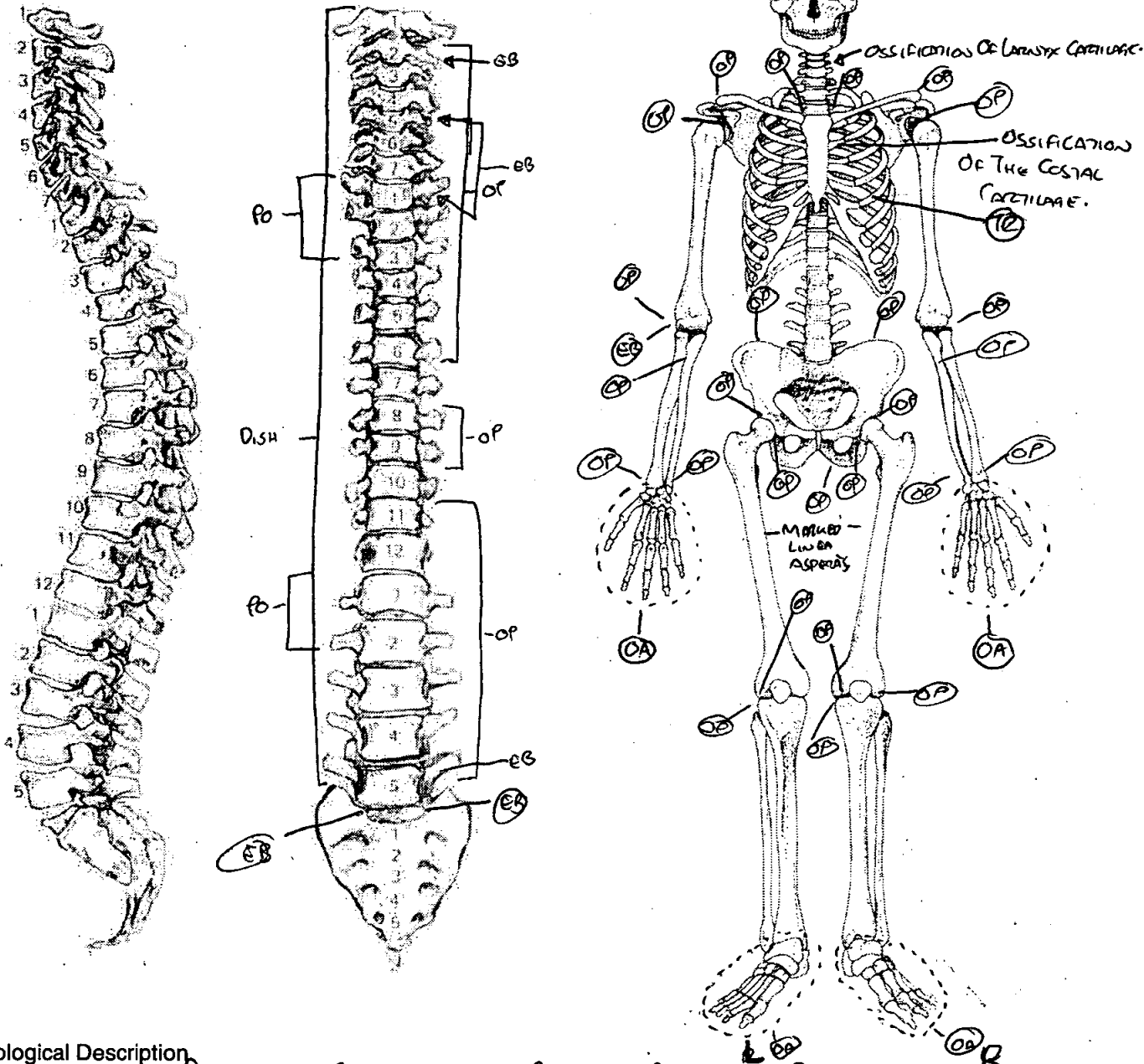
**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

<i>86.84</i>
<i>85.29</i>
<i>71.67</i>
<i>-</i>

<i>92.10</i>
<i>79.41</i>
<i>71.59</i>
<i>-</i>

55. Pathological Distribution



56. Pathological Description

OSTEOARTHRITIS - THE FOLLOWING BONES DISPLAY POSSIBLE EVIDENCE FOR OSTEOARTHRITIS:  
 1/ FIVE PROXIMAL HAND PHALANXES (POSSIBLY BELONGING TO THE LEFT HAND) SHOW EVIDENCE OF EROSIONS UPON THEM. TWO OF THEM HAVE EROSIONS UPON THEIR BASES; WHILE 3 HAVE EROSIONED SURFACES UPON THEIR HEADS. SIX PHALANXES (PROXIMAL) HAVE SLIGHT OSTEOPHYTIC GROWTH DOWN THEIR HEADS, WHILE 6 HAD OSTEOPHYTES ON THE BASE. THE HEADS OF THREE PROXIMAL PHALANXES HAVE A LYCIC LOOKING LESION ON THEM EACH; AS DOES THE SHAFT OF ONE PROXIMAL PHALANX WHICH HAS APPROX. 6 UPON IT, POSSIBLY INDICATIVE OF RHEUMATOID ARTHRITIS.  
 2/ SEVEN MIDDLE HAND PHALANXES SHOW POSSIBLE EVIDENCE OF OSTEOARTHRITIS IN THAT THREE HAVE EROSIONED BASES. ALL SEVEN HAD EROSION ON THEIR HEADS, WHILE OSTEOPHYTES WERE FOUND UPON THE HEADS OF THREE & AT THE BASE OF SEVEN. 3/ THE TWO DISTAL HAND PHALANXES DISPLAY EROSIONED SURFACES & OSTEOPHYTES ON THEIR BASES. 4/ ALTHOUGH NOT EVIDENCED BY THE LEFT & RIGHT CARPALS SHOWED OSTEOPHYTES UPON THEIR BODIES. 5/ BOTH LEFT & RIGHT SCAPHOIDS HAD OSTEOPHYTES UPON THEM; ALTHOUGH THE RIGHT SCAPHOID IS MORE SEVERE THAN THE LEFT. THE SURFACE OF THE FACET FOR THE 1ST METACARPAL IS ALSO EROSIONED, ALONG WITH THE SCAPHOID FACET. 6/ BOTH LEFT & RIGHT TRAPEZIUM HAD OSTEOPHYTES TRAPEZOID

\*ARTICULAR SURFACE FOR CARPALS.

## PATHOLOGY:

- UPON THEIR SURFACES. 7/. THE RIGHT LUNATE IS HEAVILY OSTEOPHYTIC. 8/. THE RIGHT TRAPEZOID HAS ESCAVATION UPON THE CARPATE FACET & ON THE FACET FOR METACARPAL III. OSTEOPHYTES ARE ALSO PRESENT. 9/. THE LEFT TRIQUETRAL HAS OSTEOPHYTES ON ITS SURFACE.
- 10/. THREE PROXIMAL FOOT PHALANXES SHOW EVIDENCE OF POSSIBLE OSTEOARTHRITIS UPON THEM. THE TWO FIRST PROXIMAL FOOT PHALANXES HAD OSTEOPHYTIC FORMATION ON THE HEAD & THE BASE. ANOTHER PHALANX HAD SLIGHT ESCAVATION UPON THE HEAD. 11/. THE TWO FIRST DISTAL FOOT PHALANXES HAVE ESCAVATED BASES & OSTEOPHYTIC RIMS AROUND THEIR BASES. 12/. BOTH LEFT & RIGHT FIRST ~~AND~~ METATARSALS HAVE SLIGHT OSTEOPHYTE FORMATION UPON THEIR HEADS & AROUND THE RIM OF THE BASE.
- 13/. ALL LEFT METACARPALS DISPLAYED SLIGHT OSTEOPHYTE FORMATION UPON THEIR HEADS & BASES, WHILE THE LEFT 5TH METACARPAL HAS AN ESCAVATED HEAD. 14/. THE RIGHT 5TH METACARPAL HAS AN ESCAVATED HEAD.
- 15/. THE RIGHT CORACOLE AS THE RIGHT HUMERUS HAS A SLIGHTLY ESCAVATED SURFACE.

✓ OSSIFICATION OF THE COSTAL CARTILAGE CAN BE NOTICED UPON THE RIMS & THE BODY OF THE STERNUM.

✗ OSTEOPHYTES - OSTEOPHYTES WERE FOUND UPON VARIOUS SURFACES OF THE BONES:

- 1/. THE RIGHT CLAVICLE - OSTEOPHYTES MODERATE IN NATURE CAN BE FOUND UPON THE STERNAL END OF THE CLAVICLE & THE ACROMION END.
- 2/. THE LEFT CLAVICLE - SEVERE OSTEOPHYTE FORMATION WAS FOUND UPON THE STERNAL END OF THE CLAVICLE WHILE MORE MODERATE OSTEOPHYTE FORMATION WAS NOTICED ON THE ACROMION END.
- 3/. THE RIGHT HUMERUS - BOTH LEFT AND RIGHT LATERAL & MEDIAL !! (CON...) CONDYLES ON THE BONE SHOW SLIGHT OSTEOPHYTE FORMATION ON THEIR MARGINS.
- 4/. THE LEFT HUMERUS - BOTH LATERAL & MEDIAL CONDYLES SHOW VERY SLIGHT OSTEOPHYTIC FORMATION AROUND THEIR RIMS.
- 5/. THE LEFT SCAPULA - SEVERE OSTEOPHYTE FORMATION CAN BE FOUND UPON THE ACROMION; SPECIFICALLY THE ACROMIO - CLAVICULAR JOINT SURFACE. THESE OSTEOPHYTES ALSO GIVE THE APPEARANCE OF BEING SLIGHTLY ESCAVATED. SLIGHT OSTEOPHYTE FORMATION HAS OCCURRED AROUND THE GLENOID FOSSA.
- 6/. THE RIGHT SCAPULA HAS THE SAME OSTEOPHYTE FORMATION AS THE LEFT SCAPULA.
- 7/. THE <sup>LEFT</sup> PATELLA - THE LEFT PATELLA HAS SEVERE OSTEOPHYTE FORMATION UPON THE ANTERIOR SURFACE; WHILE AROUND THE POSTERIOR RIM SURFACE SLIGHT OSTEOPHYTE FORMATION HAS OCCURRED.
- 8/. THE LEFT & RIGHT ULNA - SLIGHT OSTEOPHYTE FORMATION CAN BE FOUND UPON THE TROCHEAR NOTCH AND OLECRANON PROCESS AREAS; & ALSO UPON THE SURFACE OF THE HEAD OF THE ULNA.
- 9/. THE LEFT & RIGHT RADIUS - AROUND THE MARGINS OF THE ULNAR NOTCH & STYLOID PROCESS, SLIGHT OSTEOPHYTE FORMATION HAS OCCURRED; AS IT HAS TO ON THE RADIAL TUBEROSITY.
- 10/. THE LEFT & RIGHT TIBIAS - AROUND THE MARGINS OF BOTH LATERAL & MEDIAL CONDYLES SLIGHT OSTEOPHYTE FORMATION HAS TAKEN PLACE. ALSO UPON THE MEDIAL MALLEOLUS RIM & FIBULAR NOTCH MARGINS.

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	EB (Dens) OP	OP		EB OP				EB OP		
Fused	C3 OP PO SN EB	OP		OP				OP			
	C4 OP PO SN EB		OP		OP				OP		
	C5 OP PO SN EB	OP	OP	EB OP	EB OP			OP	EB OP		
	C6 OP PO SN EB	OP	OP	EB OP	EB OP			EB OP	EB OP		
	C7 OP PO SN EB	OP	OP	EB OP	EB OP			EB OP	EB OP		
	T1 OP PO SN EB	OP PO	OP PO	EB OP	OP			OP	OP		
	T2 OP PO SN EB	OP PO	OP	OP	OP			OP	OP		
	T3 OP PO SN EB	OP	OP PO	OP	OP	OP		OP	OP	OP	
Fused	T4 OP PO SN EB	OP		OP				OP			
	T5 OP PO SN EB		Sw OP				OP				OP
Fused	T6 OP PO SN EB	OP Sw		OP				OP			
	T7 OP PO SN EB										
	T8 OP PO SN EB		OP								
Fused	T9 OP PO SN EB			OP				OP			
	T10 OP PO SN EB										
	T11 OP PO SN EB	OP	OP	OP	OP			OP	OP		
	T12 OP PO SN EB	OP	OP	OP				OP			
	L1 OP PO SN EB	OP	OP	OP				OP			
	L2 OP PO SN EB	Sw OP	PO OP	OP				OP			
	L3 OP PO SN EB	Sw OP	PO OP	OP				OP			
	L4 OP PO SN EB	OP	OP	OP	OP			OP	OP		
	L5 OP PO SN EB	OP	OP	OP	EB OP			OP	EB 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)

† OSSIFICATION - THE LARYNX CARTILAGE HAD OSSIFIED.

† OSTEOPHYTES -

11. LEFT OS COXA - SEVERE OSTEOPHYTE FORMATION CAN BE FOUND UPON THE BONE; ESPECIALLY ON THE SURFACES OF THE ILIAC CREST, ACETABULUM, (PECTO-AURICULAR AREA) AND THE BODY & RIMS OF THE ICHUM.

12. RIGHT OS COXA - SEVERE OSTEOPHYTE FORMATION CAN BE FOUND UPON THE ILIAC CREST & ACETABULUM AREAS. SO SEVERE ARE THE OSTEOPHYTES, THAT THE INTERNAL SURFACE OF THE ACETABULUM NOW FORMS A COMPLETE CIRCLE (O) INSTEAD OF NORMALLY (C) THE "HORSESHOE SHAPE". UPON THE INSIDE OF THE ACETABULUM A SERIES OF LITIC LESIONS CAN BE NOTED.

13. LEFT FEMUR - SEVERE OSTEOPHYTE FORMATION CAN BE FOUND UPON FOVEA CAPTIS, THE GREATER & LESSEY TROCHANTERS & THE TROCHANTERIC LINE. MORE MODERATE OSTEOPHYTE FORMATION CAN BE NOTICED AROUND THE CIRCUMFERENCE OF THE HEAD AND ALONG THE MARGINS OF THE CONDYLES.

14. RIGHT FEMUR - SEVERE OSTEOPHYTE FORMATION CAN BE FOUND UPON THE CIRCUMFERENCE OF THE HEAD. THE FOVEA CAPTIS DOES NOT EXIST ANY MORE DUE TO OSTEOPHYTES & EBURNATION CAN BE FOUND UPON THE SURFACE OF THE HEADS. MORE MODERATE OSTEOPHYTES CAN BE FOUND IN THE REGIONS OF THE GREATER & LESSEY TROCHANTERS & UPON THE RIMS OF THE LATERAL & MEDIAL CONDYLES.

† BOTH LEFT & RIGHT FEMURS DISPLAY MARKED LINEAR ABRASIONS.

† EBURNATION - THE LEFT & RIGHT ARTICULAR PROCESSES OF THE SACRUM ARE BOTH EBURNATED. POSSIBLY DUE TO DEGENERATIVE JOINT DISEASE (?).

TRAUMA - A RIGHT RB (POSITION NOT KNOWN) DISPLAYS EVIDENCE OF TWO HEALED FRACTURES UPON THE SHAFT. BOTH FRACTURES APPEAR TO BE OLD TRANSVERSE FRACTURES; APPROX. HALF WAY & 3/4'S WAY ALONG THE SHAFT.

D.I.S.H. (?) - THE VERTEBRAL COLUMN DISPLAYS SIGNS OF POSSIBLY HAVING D.I.S.H. THE OSTEOPHYTES ARE MAINLY "FLOWING" IN "CANTILE" WAY FORMATION UPON THE RIGHT SIDE OF THE VERTEBRAL COLUMN.

THIS IS ESPECIALLY TRUE AT THE THORACIC VERTEBRAL STAGE IS THE COLUMN. IN ADDITION UPON T3, T4 & T5 THE SUPRASPINOUS LIGAMENT HAS FUSED TO THE VERTEBRAE. THIS IS ADDITION WITH THE FUSION OF THE LARYNGEAL CARTILAGE, COSTAL CARTILAGE & THE AMOUNT OF OSTEOPLANTIS SEEM TO HAVE AN DISH. OTHER POSSIBLE CAUSES INCLUDE ANKYLOSING SPONDYLITIS. HOWEVER, NO RIBS APPEAR TO HAVE FUSED TO THE VERTEBRAE. ALSO PERSON WAS A "SOFT FORMER" (?)

D-3-D. - THE CERVICAL VERTEBRAE HAD AN HAVING DEGENERATIVE JOINT DISEASE AT THE CERVICAL VERTEBRAE DUE TO THE E3 ORATION & CERVICALS IN THE REGION.

1. Site Name OLR 00

2. Date of Record 

1	11	00
---	----	----

3. Period Neolithic

4. Skeleton Number 

6	1	7					
---	---	---	--	--	--	--	--

 5. Age 

M	T	A
---	---	---

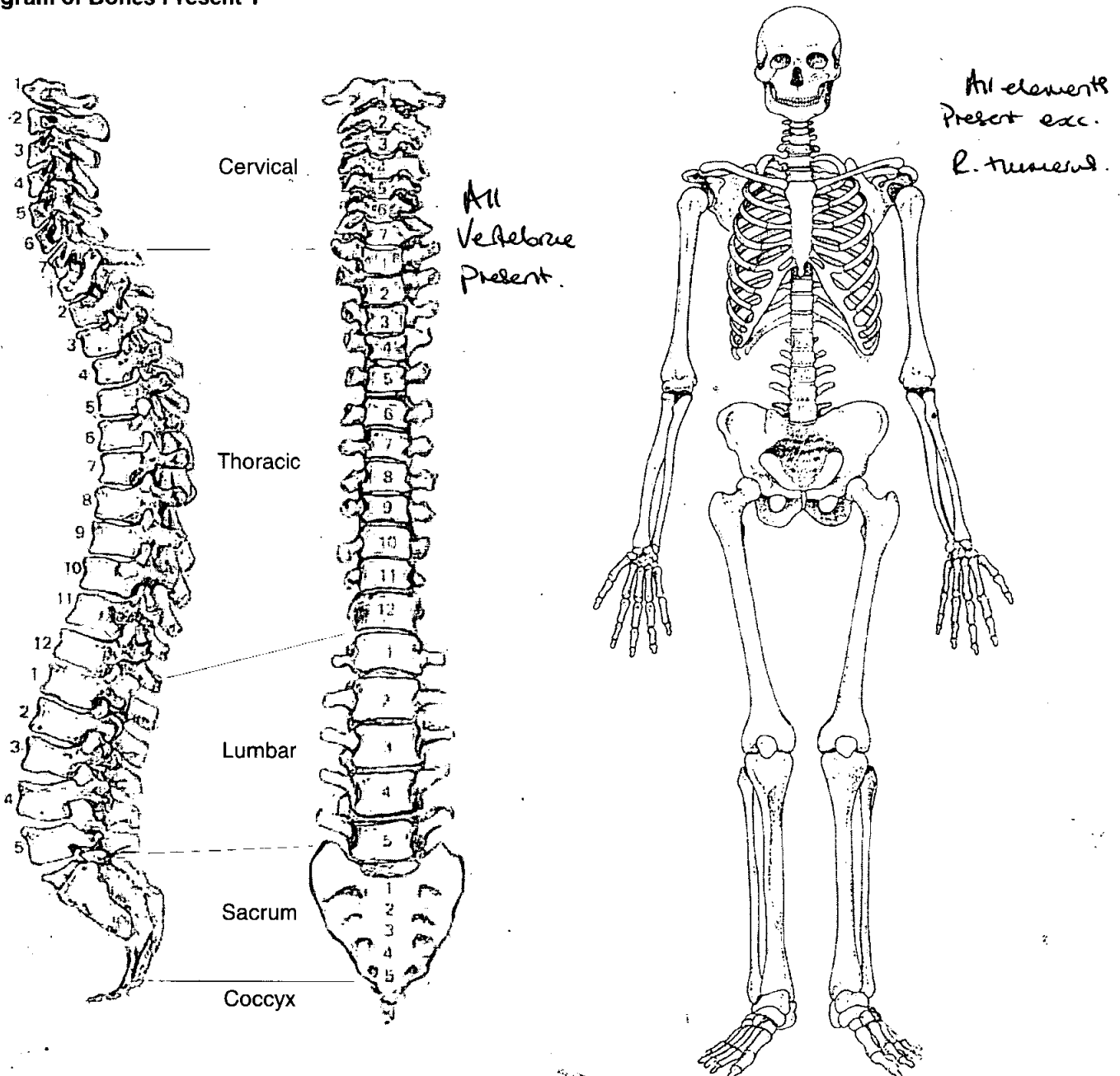
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 162.037 ± 3.55 / 5'3"

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions Severe SJD  
DJD

**10. Diagram of Bones Present 1**



**Adult Age Estimation**

- 13. Epiphyseal Fusion 25-29<sup>+</sup>
- 14. Dental Eruption and Development completely edentulous
- 15. Dental Attrition " "
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀) X 50<sup>+</sup>
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀) VI 60 (mean)
- 17. Sternal End of Ribs 70<sup>+</sup>
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface 60<sup>+</sup>
- 20. Degenerative Joint Disease
- 21. Comments 
 SJD - fusion of T7 → 10 + T3 → 6  
 ossification of thyroid + tracheal  
 cartilage fusion of xiphoid, manubrium  
 + sternal body.

**Sexing**

**Skull**

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

**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

*large + pronounced*

34. Obturator Foramen

*female*

35. Pelvic Brim

*female*

36. Acetabulum

*female*

37. Ilium Auricular Surface

*female*

**Sacrum**

38. Segments

*female*

39. Morphology

*female*

**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

*Extensive alveolar resorption*

*[Handwritten dental notation: 16 X's in two rows, separated by a vertical line in the center]*

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

- 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 44.4
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 76.2	R 77.2
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 45.8	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 21.5	R 21.6
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 26.2	R 25.5
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 147	R 154

50. Cranial Non-metrics

Highest Nuchal Line	Absent
Ossicle at Lambda	Absent
Bregmatic Bone	Absent
Access. Lesser Pal. For	R + L
Palatine Torus	Absent
Metopism	Absent
Lambdoid Ossicle	Absent
Coronal Ossicle	Absent
Epipteric Bone	Absent
Ossicle at Asterion	Absent
Parietal Notch Bone	Absent
Fronto-temporo Articulation	Absent
Parietal Foramen	Absent
Access Infraorb. For	L. present R = element not present
Zygomat. Facial. For	As above. No accessory foramen
Frontal. For	Absent
Foramen of Huschke	Absent
Auditory Torus	Absent
Mandibular Torus	Absent
Torus Maxillares	Absent
Precondylar Tubercle	Absent
Foramen Ovale	Complete
Supra-Orbital Foramen	Bridged R + L
Postcondylar facet	Absent
Foramen Spinosum	open
Posterior Cond. Canal	Absent
Condylar Facet	Single R + L
Mastoid Foramen	Absent on R
Ant. Ethmoid Foramen	NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	Single



51. Humerus

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

Scapula

	unsided	left	right
supra-scapular foramen/notch		✓	✓
acromial articular facet		✓	✓

Atlas

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

Pelvis

	unsided	left	right
accessory facets		A	A

Sacrum

	unsided	left	right
accessory facets		A	A
spina bifida occulta		A	A

Femur

	unsided	left	right
allen's fossa		A	A
polirier's facet		↓	↓
plaque			
third trochanter			
hypotrochanteric fossa		↓	↓
exostosis in trochanteric fossa			

Patella

	unsided	left	right
vastus notch		A	A
vastus fossa		↓	↓
emarginate patella			

Tibia

	unsided	left	right
facet form double		A	A
facet form single		↓	↓

Calcaneus

	unsided	left	right
facet form double		✓	✓
facet form single		A	A

52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
Orbital Breadth (O'1)			41.9
Orbital Length (O'2)			39
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			x 175
Max. Cranial Breadth (B)			x 142
Min. Frontal Breadth (B')			100.9
Basion Bregma height (H')			> 147
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			69.3
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			-
Nasal Height (NH')			52.2
Nasal Breadth (NB)			-
Sup. Nasal Breadth (NB')			45.3
Palatal Length (G'1)			<del>45.3</del> 39.3
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			127
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			24
Mandibular Angle MZ			
Bigonial Breadth OoGo			101
Max. Mandibular Length			80

53.

left

right

**Femur**

FeL1 Max. L	431	433
FeL2 Obl. L		
FeD1 A-P Subtroch DI	23.2	25.4
FeD2 M-L Subtroch DI	32.1	33.8
FeDs Max. DI Head	44.3 <del>44.3</del>	44.4
C Midshaft Circ.		
FeEI Bicond Width	76.2	77.2

**Tibia**

TiL1 Max. L	344	350
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	34.3	33.7
TiD2 M-L DI. Nut. For	18.3	19.2

**Fibula**

FIL1 Max. L	342	350
-------------	-----	-----

**Humerus**

HuL1 Max. L	314	—
HuD5 Max. DI Head	45.8	—
HC Midshaft Circ		

**Radius**

RaL1 Max. L	222	214
-------------	-----	-----

**Ulna**

UIL1 Max. L	238	232
-------------	-----	-----

**Clavicle**

CiL1 Max. L	147	154
-------------	-----	-----

54.

left

right

**Scapula**

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

**Atlas**

Max. Internal width

*25.8*

**Sternum**

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

**Sacrum**

SacL Max. L  
 SacB Max. B

*108*

*130*

**Indices**

**Cranial**

Height/Length  
 Height/Breadth

*84*

*103.52*

**Nasal**

Upper Facial  
~~Forminal~~ *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										
C2	OP PO SN EB										
C3	OP PO SN EB	✓	✓✓								
C4	OP PO SN EB	✓	✓								
C5	OP PO SN EB	✓	✓✓ - severe								
C6	OP PO SN EB	Severe ✓✓	✓✓	} fused together							
C7	OP PO SN EB	✓	✓✓	} fused together							
T1	OP PO SN EB	✓	✓								
T2	OP PO SN EB	✓	✓								
T3	OP PO SN EB	✓		} All fused.							
T4	OP PO SN EB			} All fused.							
T5	OP PO SN EB			} Two Sp "blocks" fused @ body + +							
T6	OP PO SN EB		✓✓	} Two Sp "blocks" fused @ body + + apophyseal facet.							
T7	OP PO SN EB	✓✓					✓✓				
T8	OP PO SN EB			} fused							
T9	OP PO SN EB			} fused							
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

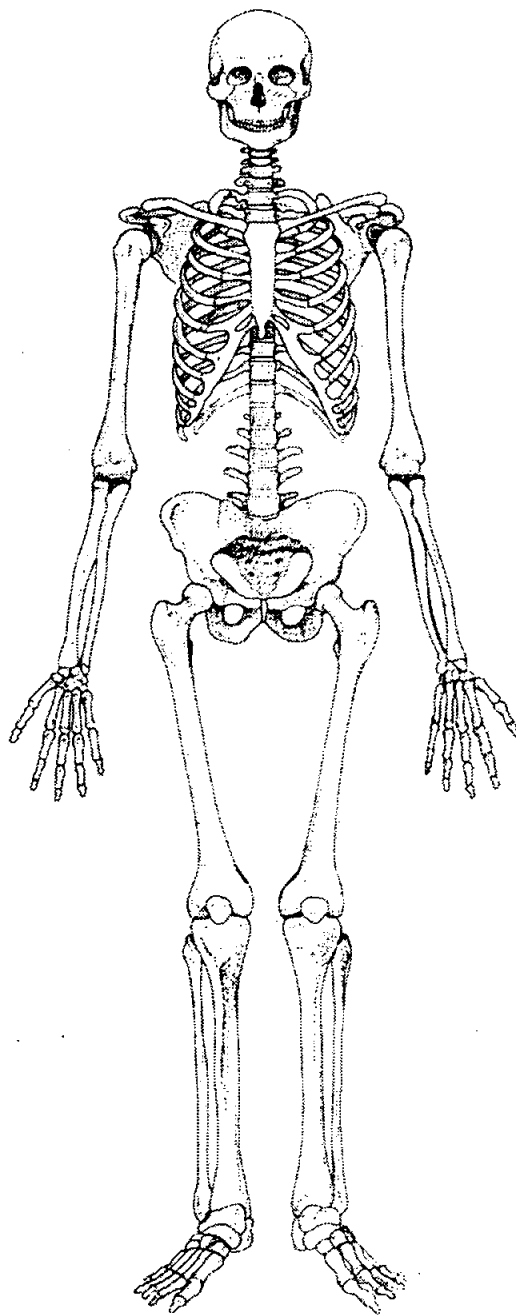
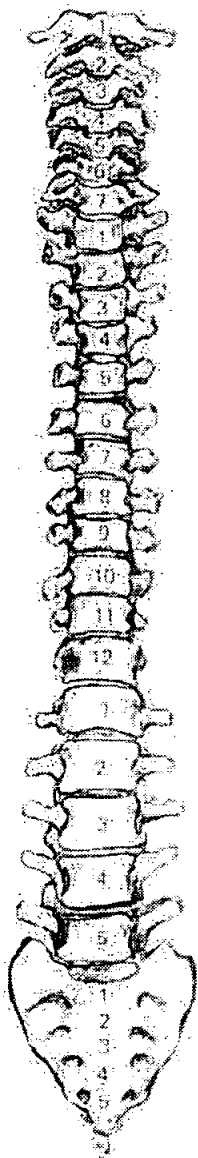
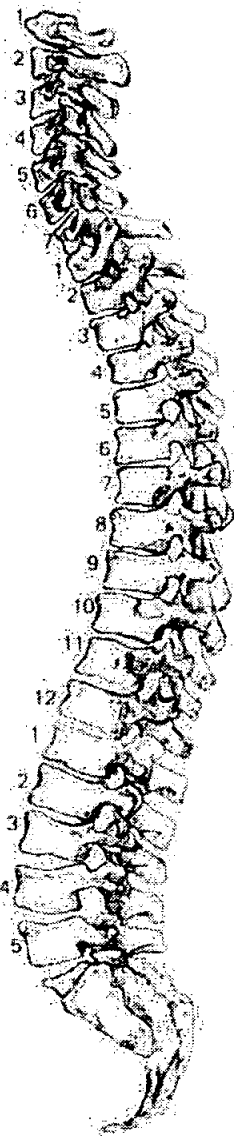
8 = INF. PROC

9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

55. Pathological Distribution



56. Pathological Description

DID R+L acromia-clavicular Jts - lat ends of clavicles +  
 acromial facets = Dist. O.P.S + SV: P.O.  
 Dist. O.P.S R+L acetabuli  
 Slight " " " distal femora

1. Site Name OLR 00

2. Date of Record 

07	02	01
----	----	----

3. Period P-M

4. Skeleton Number 

6	1	8					
---	---	---	--	--	--	--	--

 5. Age 

--	--

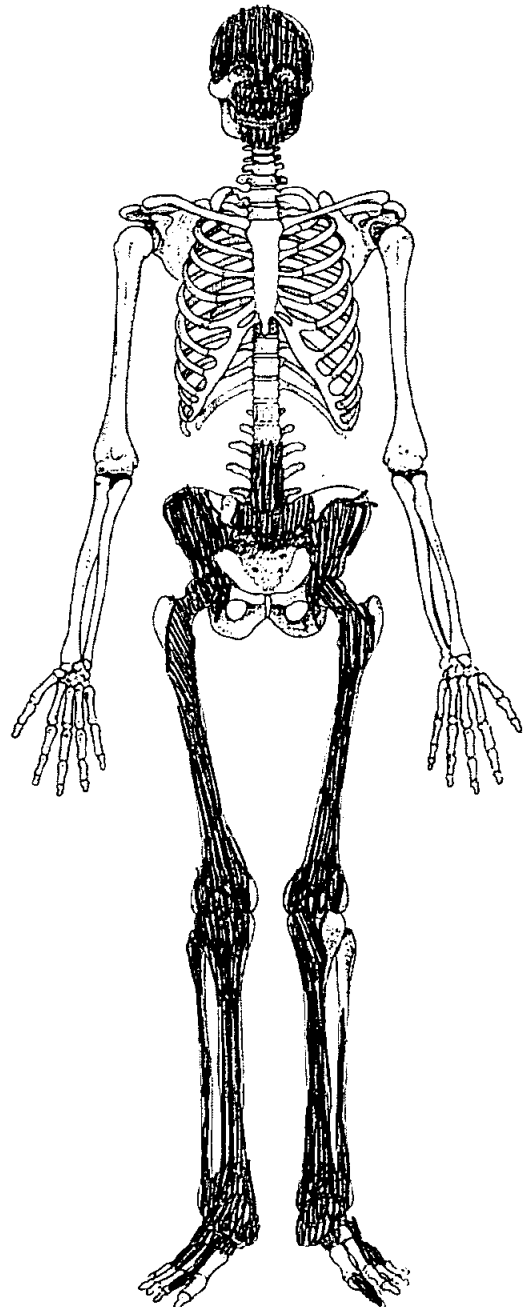
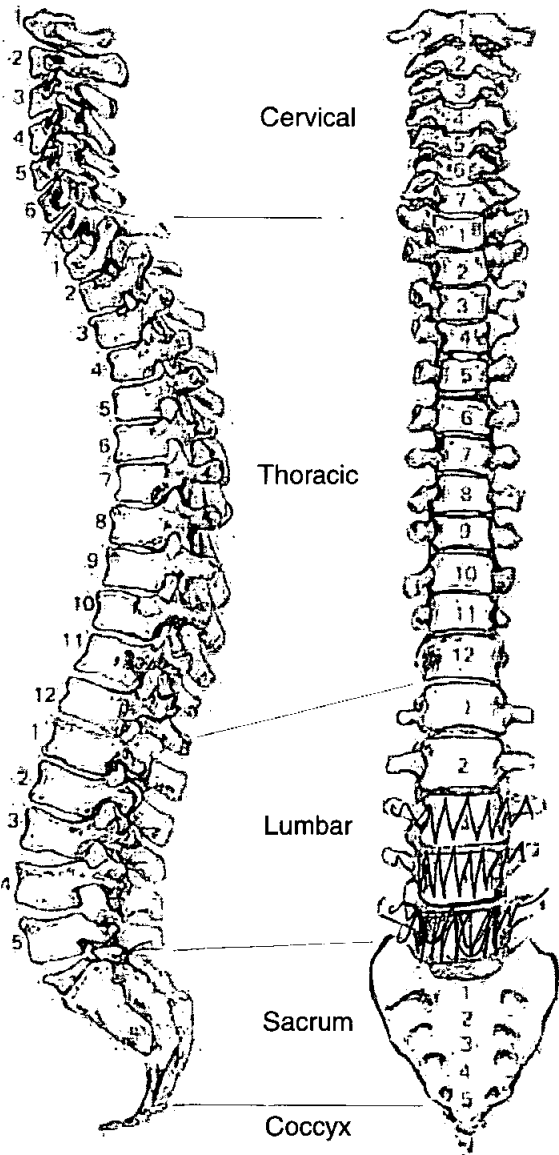
6. Sex (tick one)  Male  Female  Unidentified 45-60

7. Stature 159.81 ± 3.55 cm

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

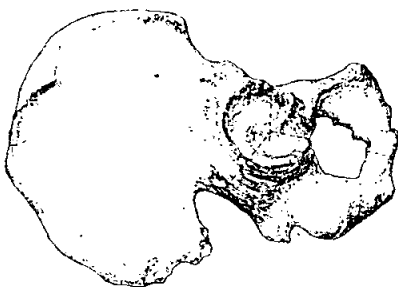
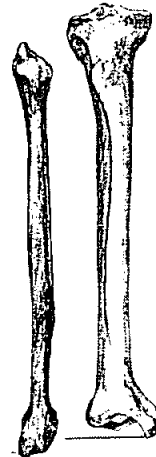
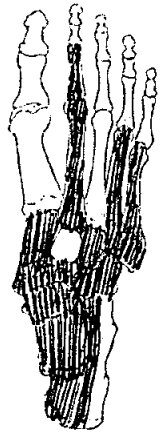
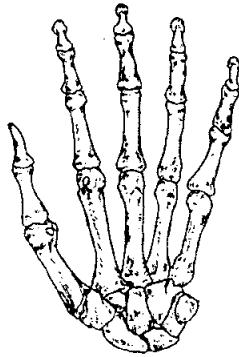
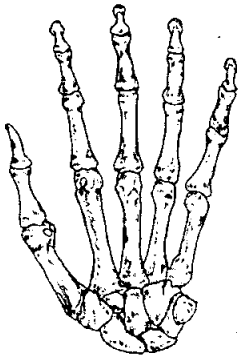
9. Summary of Pathological Conditions  
Cribrra orbitalia = Active anaemia  
Degenerative joint disease: knees  
Spinal degenerative joint disease

**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 *No teeth*
- 16. Pubic Symphyses  
a. Todd (♂ & ♀)  
b. McKern & Stewart (♂)  
c. Gilbert and McKern (♀)  
d. Suchey Brooks (♂ & ♀) *♀ phase V - VI: 48-60 years*
- 17. Sternal End of Ribs
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface *45-49 - based on superior 1/2 of the surface*
- 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 *NP*
- 26. Anterior Mandible *F?*
- 27. Orbital Rims *F*

**Pelvis**

28. Sciatic Notch

F

29. Subpubic Angle

~~AAA~~ F

30. Subpubic Concavity

AAA F?

31. Ischio-Pubic Ramus

F

32. Ventral Arc

F

33. Preauricular Sulcus

NP

34. Obturator Foramen

NP

35. Pelvic Brim

—

36. Acetabulum

F?

37. Ilium Auricular Surface

F?

**Sacrum**

38. Segments

F

39. Morphology

—

**Sternum**



49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 42.92	R 43.2
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

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

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

51. Humerus

	unside	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 biparite		NP	NP

Pelvis

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

Sacrum

accessory facets		A	A
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
exostoils in trochanteric fossa		NP	NP

Patella

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

Tibia

<i>Med squatt.</i> facet form <del>double</del>		A	A
<i>Lat squatt.</i> facet form <del>single</del>		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)	41.18	NP	
Orbital Length (O'2)	39.70	NP	
Basion-Asterion Chord (O91)			
Malar Height (MH)			NA
Max. Cranial Length (L)			NP
Max. Cranial Breadth (B)			NP
Min. Frontal Breadth (B')			NP
Basion Bregma height (H')			NP
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			x 66.86
x Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			NP
Bizygomatic Breadth (J)			
x Nasal Height (NH')			x 52.4
>Nasal Breadth (NB)			x 21.9
Sup. Nasal Breadth (NB')			
x Palatal Length (G'1)			
x Palatal Breadth (G'2)			x 39.36
Frontal Arc (S1)			x 36.0
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			
x Symphyseal Height HI			x 24.48
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			

*OLR 00*

# Skeleton Recording Sheet (Adult)

53.

left

right

### Femur

FeL1 Max. L	430	426
FeL2 Obl. L		
FeD1 A-P Subtroch DI	26.52	24.0
FeD2 M-L Subtroch DI	31.20	31.48
FeDs Max. DI Head		
C Midshaft Circ.		
FeEI Bicond Width		

### Tibia

TiL1 Max. L	337	338
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	31.28	29.5
TiD2 M-L DI. Nut. For	19.10	22.1

### Fibula

Fil1 Max. L	NP	332
-------------	----	-----

### Humerus

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

### Radius

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

### Ulna

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

### Clavicle

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



54.

left

right

**Scapula**

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

NP
NP

NP
NP

**Atlas**

Max. Internal width

NP
----

NP
----

**Sternum**

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

NP
NP

NP
NP

**Sacrum**

SacL Max. L  
SacB Max. B

NP
NP

NP
NP

**Indices**

**Cranial**

Height/Length  
Height/Breadth

	—	
	—	

**Nasal**

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

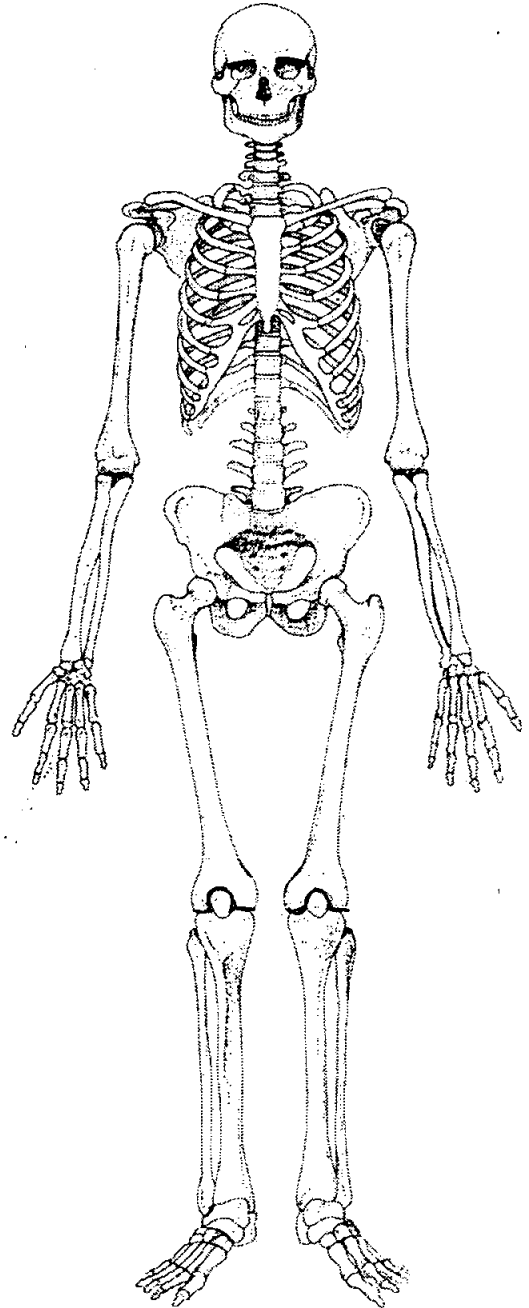
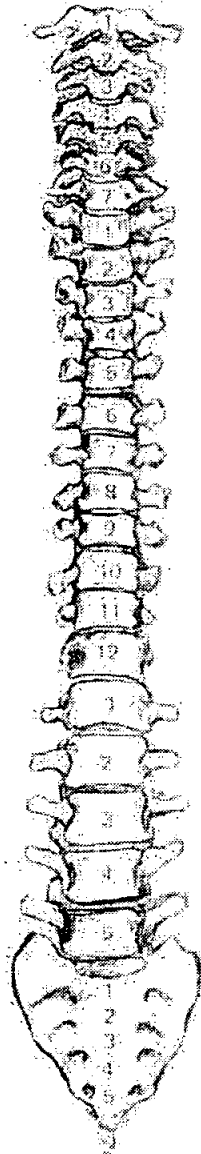
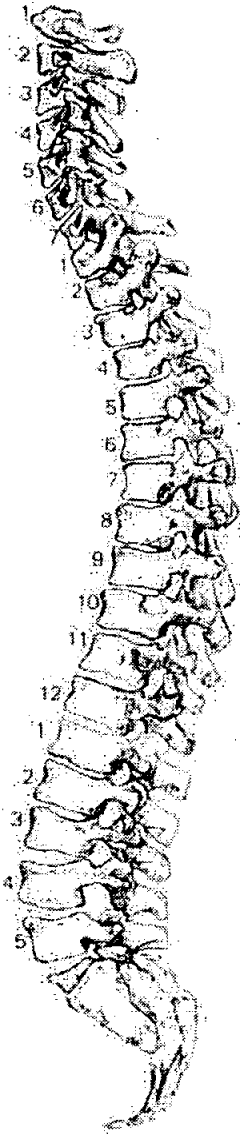
	—	
	41.79	
	91.46	
96.41		—
	X	

**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

85	76.24
61.06	74.91
—	—

55. Pathological Distribution



56. Pathological Description

Porosity of the orbital roofs: scattered fine & large poramina, grade 3.  
 Lesions are active: cribra orbitalia; anaemia.  
 Left distal femur: condyle & patellar surface ~~and~~ have osteophytes  
 @ the joint margins, same on right distal femur  
 Tibial articular surfaces are also lippled: Degenerative joint disease.



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 are slight on spine

619

1. Site Name OLR 00

2. Date of Record 20 02 01

3. Period P-M

4. Skeleton Number 619 5. Age 60+

6. Sex (tick one)  Male  Female  Unidentified

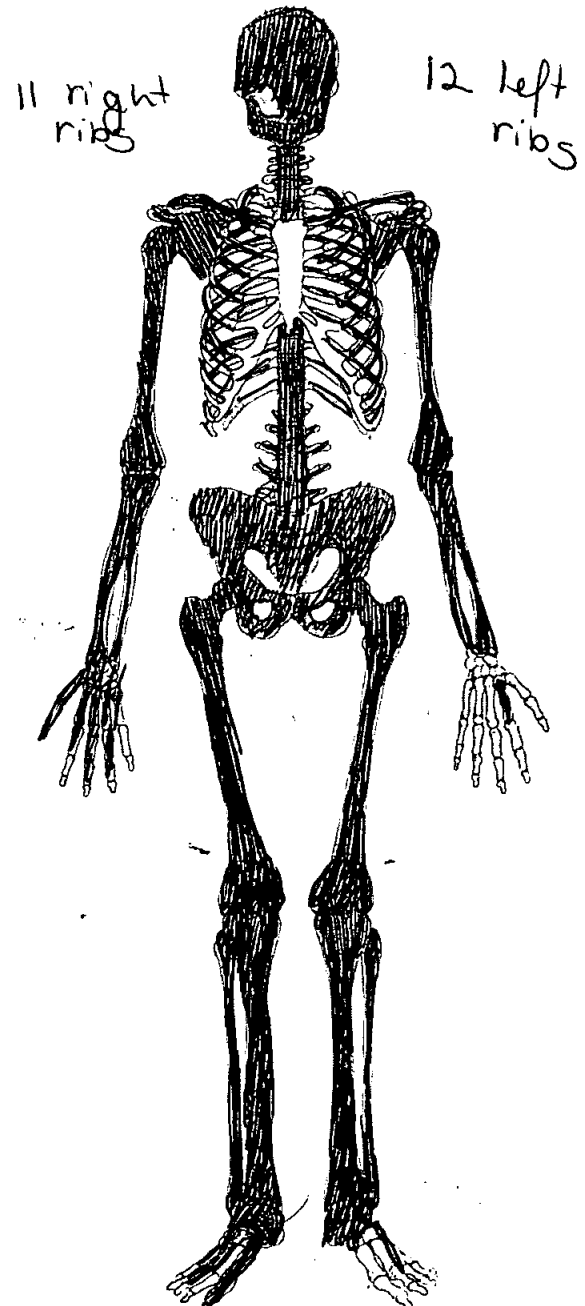
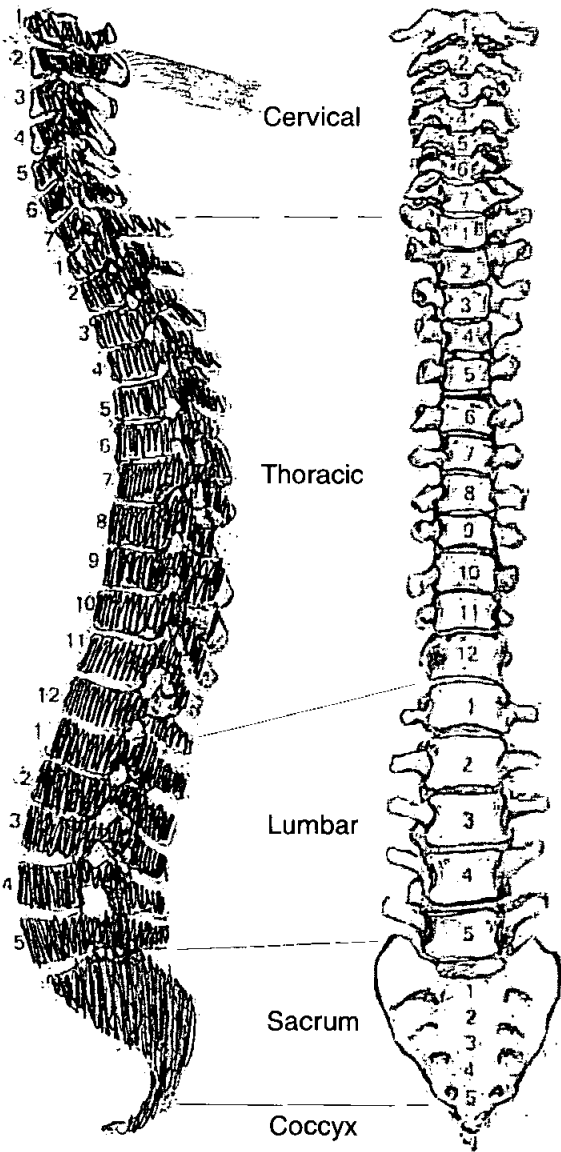
7. Stature 163.39 ± 2.99 cm

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

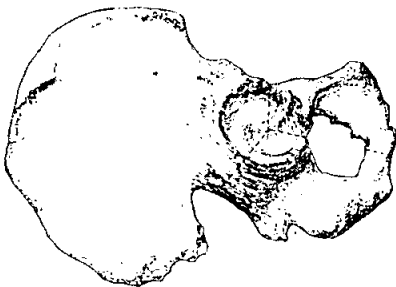
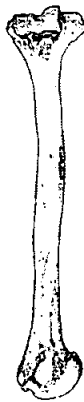
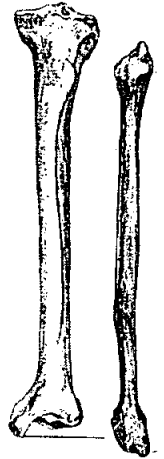
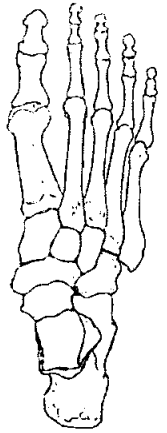
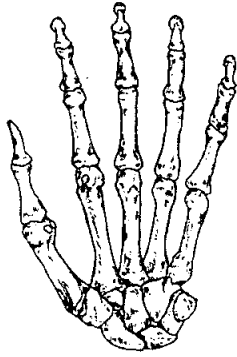
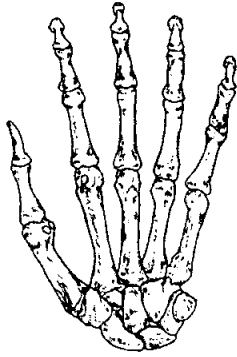
*Fair*

9. Summary of Pathological Conditions  
DJD = Right hip + humeral head, sacroiliac joint (right)  
Soft-Tissue trauma: Right femoral medial epicondyle  
Spinal degenerative joint disease + OA of C6+7 + L4+5

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

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

+61, ♂ stage VI

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

F?

**Pelvis**

28. Sciatic Notch

M

29. Subpubic Angle

M

30. Subpubic Concavity

F

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

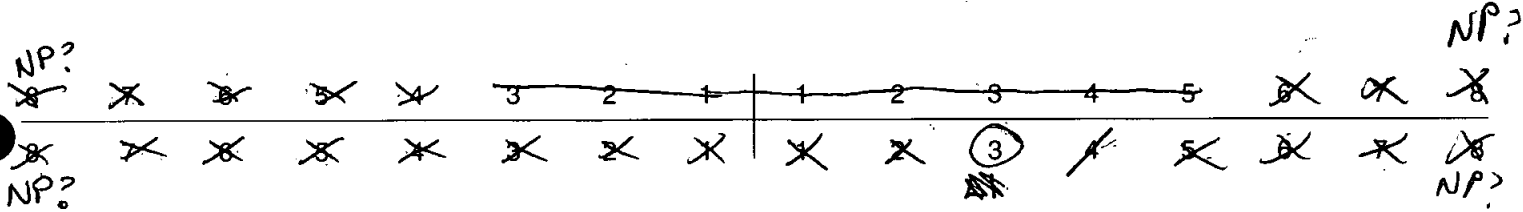
**Sternum**



**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



41. Bite

Overbite     Underbite     Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

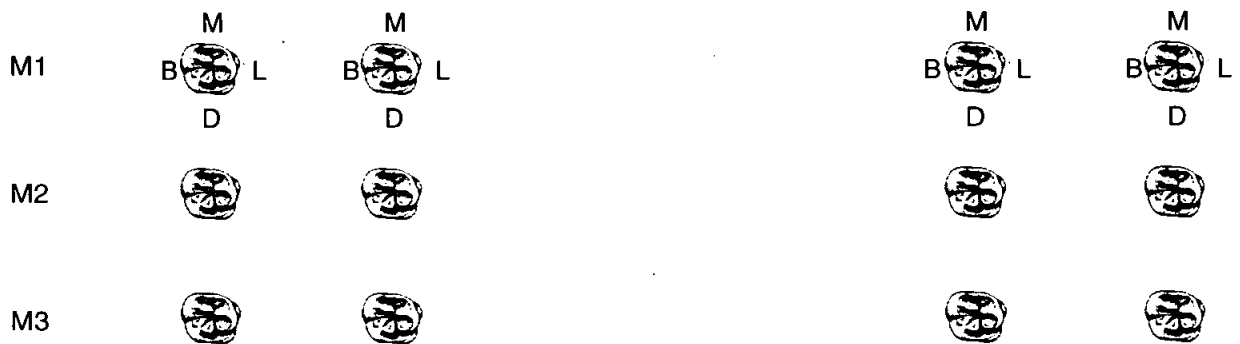
Maxilla

Left

Right

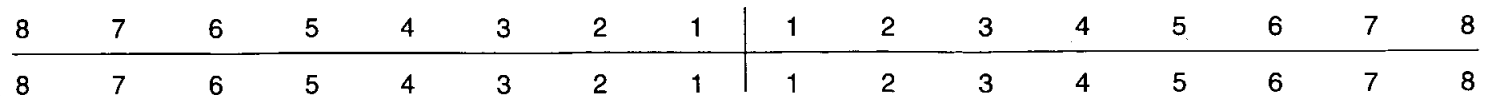
Left

Right



43. Dental Hyoplasia

P = Pit    L = Line    G = Groove



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

LH  
MH  
DME  
BH

45. Periodontal Disease (Brothwell 1981)

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

C = Considerable — Mandibular canine

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 45.0	R 47.2
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 78.18	R 79.8
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 45.5	R 45.6
Radius Head Diameter >23mm = ♂, <21mm = ♀	L	R
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 28.6	R 29.4
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L	R

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

50. Cranial Non-metrics

NO = Trait not observable

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=P
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+L=P
Access Infraorb. For	L=A, R=NP
Zygomat. Facial. For	L=3, R=NP
Frontal. For	R+L=A
Foramen of Huschke	R+L=A
Auditory Torus	R+L=A
Mandibular Torus	R+L=P
Torus Maxillares	R+L=A
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=P
Condylar Facet	R+L=A (single)
Mastoid Foramen	L=P, R=A
Ant. Ethmoid Foramen	R+L=NO Sutures obliterated.
Post. Ethmoid Foramen	" " " " " "
Anterior Condylar Canal	L=P, R=A

**Skeleton Recording Sheet (Adult)**

51. Humerus

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

Scapula

	unsided	left	right
supra-scapular foramen/notch		Notch	Foramen
acromial articular facet		A	A

Atlas

	unsided	left	right
facet form <del>double</del> /single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		NP	NP

Pelvis

	unsided	left	right
accessory facets		A	A

Sacrum

	unsided	left	right
accessory facets		A	A
spina bifida occulta	A		

Femur

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

Patella

	unsided	left	right
vastus notch		A	A
vastus fossa		A	A
emarginate patella		A	A

Tibia

	unsided	left	right
facet form <del>double</del>		A	A
facet form single		P	P

Calcaneus

	unsided	left	right
facet form double		P	A
facet form single		A	P

**Skeleton Recording Sheet**  
**(Adult)**

52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
Orbital Breadth (O'1)	37.9	36.72	
Orbital Length (O'2)	33.66	—	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			177
Max. Cranial Breadth (B)			139
Min. Frontal Breadth (B')			105
Basion Bregma height (H')			128
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)			35.8
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			31.1
Mandibular Angle MZ			
Bigonial Breadth OoGo			106
Max. Mandibular Length			71

OLR 00

619

# Skeleton Recording Sheet (Adult)

53.

left

right

### Femur

FeL1 Max. L	424	425
FeL2 Obl. L		
FeD1 A-P Subtroch DI	27.32	28.4
FeD2 M-L Subtroch DI	31.1	31.8
FeDs Max. DI Head		
C Midshaft Circ.		
FeEI Bicond Width		

### Tibia

TiL1 Max. L		346	348
TiB1 Bicond Width	73.98	<del>73.98</del>	75.0 <del>73.98</del> <del>73.98</del>
TiD1 A-P DI. Nut. For		34.3	31.98
TiD2 M-L DI. Nut. For		24.62	23.9

### Fibula

FiL1 Max. L	3	
-------------	---	--

### Humerus

HuL1 Max. L	317	321
HuD5 Max. DI Head		
HC Midshaft Circ		

### Radius

RaL1 Max. L	228	230
-------------	-----	-----

### Ulna

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

### Clavicle

CiL1 Max. L	144	145
-------------	-----	-----

**Skeleton Recording Sheet (Adult)**

54.

left

right

**Scapula**

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

35.6  
[ ]

34.1  
[ ]

**Atlas**

Max. Internal width

[ ] 30.1

[ ]

**Sternum**

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

[ ] —  
[ ] —

[ ]  
[ ]

**Sacrum**

SacL Max. L  
SacB Max. B

[ ] —  
[ ] 120

[ ]  
[ ]

**Indices**

**Cranial**

Height/Length  
Height/Breadth

[ ] 72.32  
[ ] 92.09

[ ]  
[ ]

**Nasal**

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

[ ]  
[ ]  
[ ]  
88.81  
[ ]

[ ]  
[ ]  
[ ]  
—  
[ ]

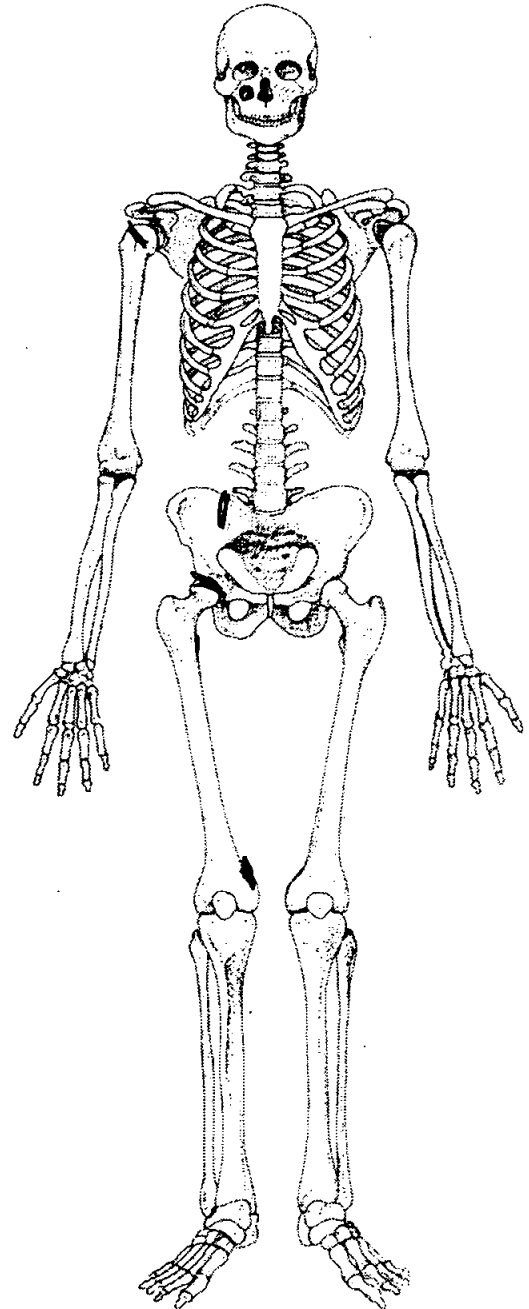
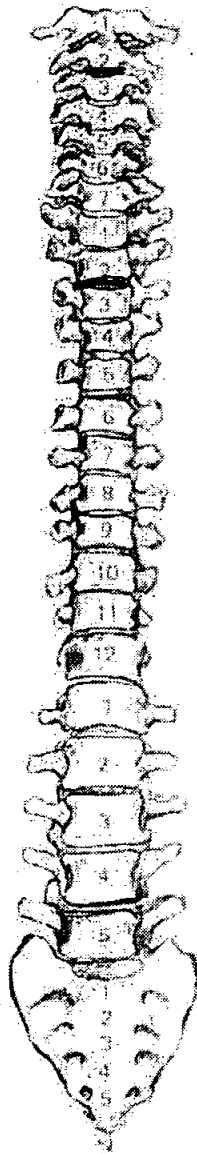
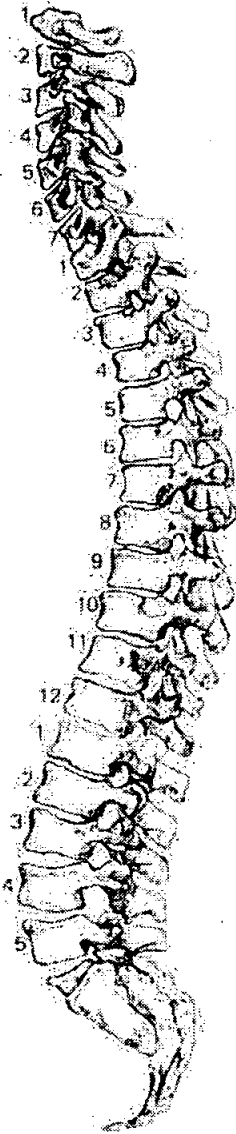
**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

87.85  
71.78  
71.92  
[ ]

89.31  
74.73  
71.65  
[ ]

55. Pathological Distribution



56. Pathological Description

- \* Right maxillary sinus - developmental defect causing a narrowing of the sinus passage
- \* Right humeral head: Osteophytes @ superio-lateral edge - slight = DJD
- \* Right acetabulum & femoral head: Slight osteophyte formation @ superio edge of head: Acetabulum porosity & new bone formation on articular surface, placed superio laterally. = DJD
- \* Moderate enthesopathy situated @ the adductor tubercle (medial epicondyle). Insertion point for adductor magnus. The enthesopathic measures sup-inf 38.1 mm, M-L 10.9 mm & in height 4.5 mm. = soft-tissue trauma, tear of the insertion point of the largest adductor muscle ~~the sacroiliac joint~~ @
- \* Ankylosis of the sacroiliac joint @ the superior margin on the right side. = Degenerative joint disease.
- \* Spinal joint disease: OA of C6, 7 & L4 & 5, Ankylosis of C2 & 3, and T2 & 3 = Degenerative osteophytes on vertebral bodies are: Medium: T4, L1 Slight: C1-7, T1, T5-12, L4-5 Considerable: T2-3, L2-3



x = Not present

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

		S.B	L.B	L.S.P	L.I.P	L.T.P	L.C.F	R.S.P	R.I.P	R.T.P	R.C.F
		1	2	3	4	5	6	7	8	9	10
C1	OP PO SN EB	OP	OP								
C2	OP PO SN EB		OP								
C3	OP PO SN EB	OP		OP	OP				OP		
C4	OP PO SN EB	OP	OP PO	OP	X			OP	OP		
C5	OP PO SN EB	OP PO	PO	OP PO	OP PO			OP	OP PO		
C6	OP PO SN EB	OP PO	OP PO	OP PO	OP PO EB			OP PO	OP PO EB		
C7	OP PO SN EB	PO OP	PO OP	OP PO				OP PO EB	PO OP		
T1	OP PO SN EB	PO OP	PO OP	PO OP	OP	OP	OP PO	PO OP	OP	X	PO OP
T2	OP PO SN EB	OP PO	OP				OP	OP			OP
T3	OP PO SN EB	OP	OP		OP		OP		OP	OP	OP PO
T4	OP PO SN EB	PO	OP PO			OP				OP	
T5	OP PO SN EB	OP PO	PO			OP	PO OP			OP	PO
T6	OP PO SN EB	PO	OP PO				PO OP				PO OP
T7	OP PO SN EB	OP	OP SN			OP PO				OP PO	
T8	OP PO SN EB	PO OP	PO OP			OP PO	OP PO			OP PO	OP PO
T9	OP PO SN EB	PO	PO OP			OP PO	PO OP			OP PO	OP PO
T10	OP PO SN EB	PO OP	PO OP			X	PO OP				PO OP
T11	OP PO SN EB	PO	PO OP				OP PO				OP
T12	OP PO SN EB	OP PO	OP PO				OP PO				OP PO
L1	OP PO SN EB	OP PO	OP PO								
L2	OP PO SN EB	OP PO	OP PO								
L3	OP PO SN EB	OP PO	OP PO	OP				OP	OP PO		
L4	OP PO SN EB	OP PO	OP PO	OP	OP PO EB			OP PO	OP PO EB		
L5	OP PO SN EB	OP PO	OP PO	OP PO EB	OP PO EB			OP PO EB	OP PO EB		

OP  
PO  
SN  
EB

Islington, Old Street, St Lukes  
OLR00

Box 17 File 2

E. SYNTHESISED ENVIRONMENTAL DATA - <sup>skeletons</sup> 620-70

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 skeletons 620-709</i>	<input checked="" type="checkbox"/>
E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	

1. Site Name OLL 00

2. Date of Record 02 02 01

3. Period \_\_\_\_\_

4. Skeleton Number 620

5. Age 50+  
(probably 60+)

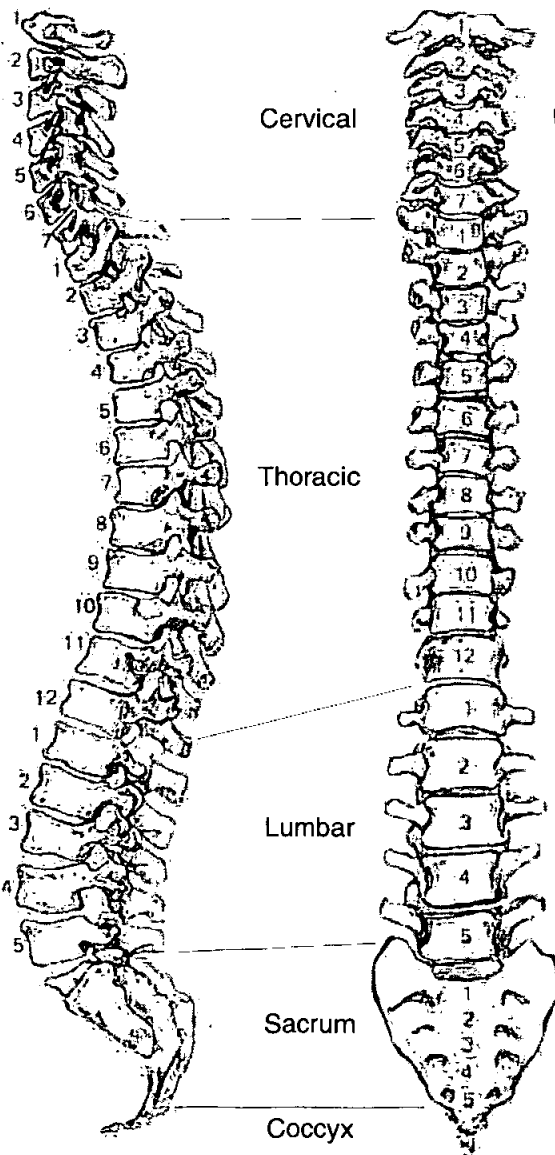
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 151.89 ± 3.55 cm

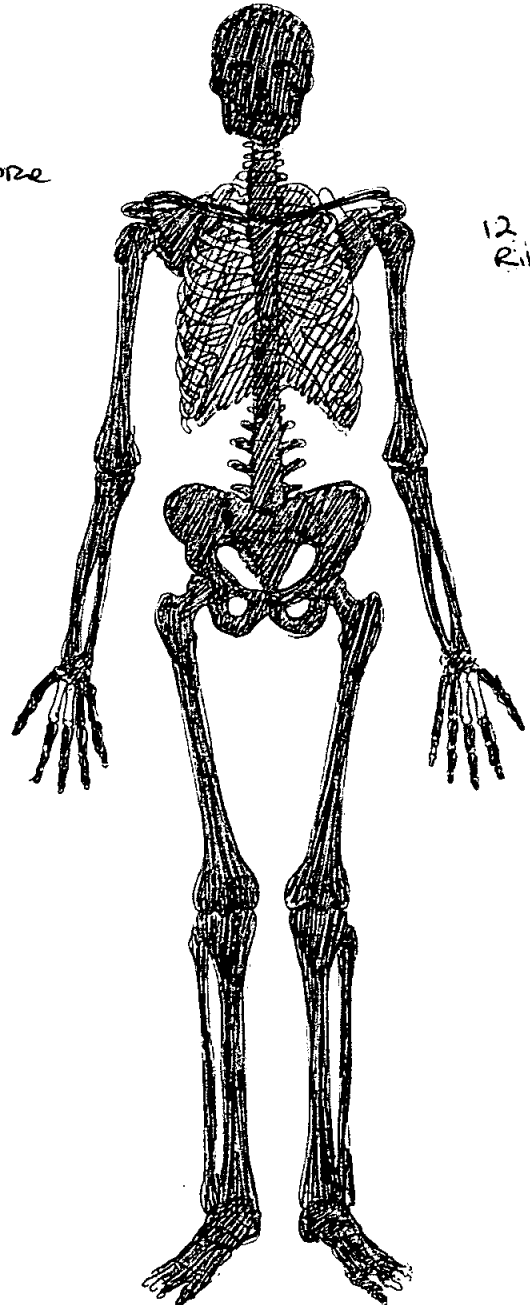
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions DD - Severe P. acromioclavicular Jt., Tib. L. ac. Jt.,  
Shant R + L knee, Shant R + L 1<sup>st</sup> MCP + phalanges;  
SD - Severe in Cervical vertebrae  
Mass Calcified mass from pelvic cavity? ovarian/tumour → ossified fibroid

10. Diagram of Bones Present 1

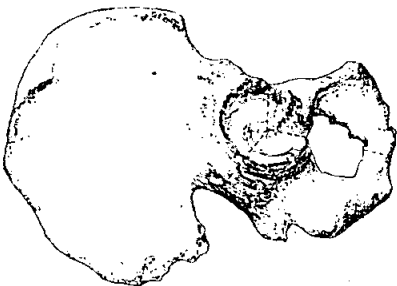
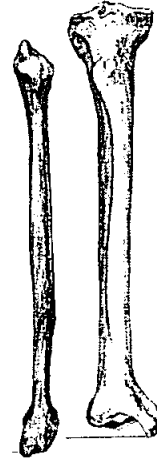
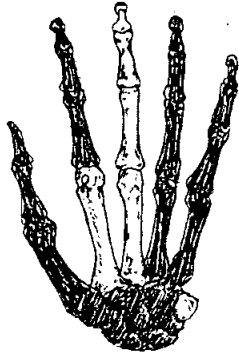
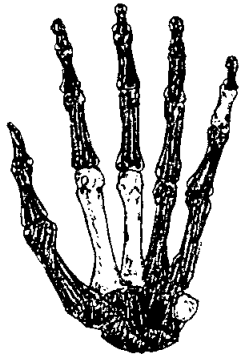


All vertebrae present + intact.



12 R + L Ribs

11. Diagram of Bones Present 2



**Adult Age Estimation**

- 13. Epiphyseal Fusion 25-28
- 14. Dental Eruption and Development 18+
- 15. Dental Attrition All teeth lost A.M.
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀) X SD+
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀) L = VI 48.1 R = VI 60 (mean)
- 17. Sternal End of Ribs S1-71
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface 60+
- 20. Degenerative Joint Disease SJD
- 21. Comments osteoid tracheal & laryngeal cartilage

**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

.....*Asymuous*.....  
.....

29. Subpubic Angle

.....*female*.....  
.....

30. Subpubic Concavity

.....*female*.....  
.....

31. Ischio-Pubic Ramus

.....*female*.....  
.....

32. Ventral Arc

.....*female*.....  
.....

33. Preauricular Sulcus

.....*female*.....  
.....

34. Obturator Foramen

.....*female*.....  
.....

35. Pelvic Brim

.....*female*.....  
.....

36. Acetabulum

.....*female*.....  
.....

37. Ilium Auricular Surface

.....*Male*.....  
.....

**Sacrum**

38. Segments

.....*female*.....  
.....

39. Morphology

.....*female*.....  
.....

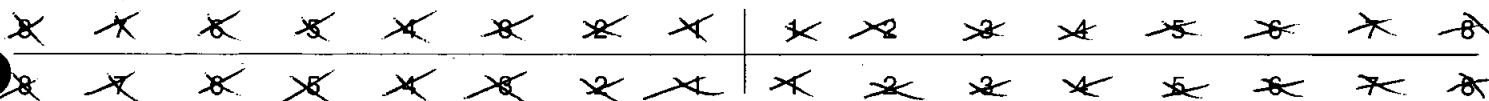
**Sternum**

**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

*Extensive resorption of alveolar margin  
 Maxillae + Mandibles*



41. Bite

Overbite     Underbite     Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

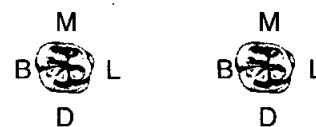
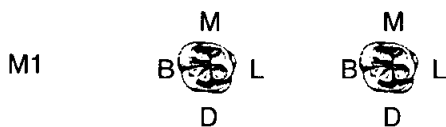
Maxilla

Left

Right

Left

Right



43. Dental Hypoplasia

P = Pit    L = Line    G = Groove

8	7	6	5	4	3	2	1		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 40.9	R 42.8
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 70.5	R 71
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 41.4	R 41
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 18.9	R 18.7
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 24.4	R 23.2
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 124.4	R 131

50. Cranial Non-metrics

Highest Nuchal Line	A
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	R = P, 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	L + R = P
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 + 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
Supra-Orbital Foramen	R + L = A (matched)
Postcondylar facet	R + L = A
Foramen Spinosum	R + L = A (used)
Posterior Cond. Canal	R = A, L = P
Condylar Facet	R + L = P (double)
Mastoid Foramen	R + L = A
Ant. Ethmoid Foramen	R + L = A
Post. Ethmoid Foramen	R + 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/ <del>notch</del>		notch	P
acromial articular facet		<del>P</del> P	A

Atlas

facet form double/ <del>single</del>		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		CS, 6	CS, 6

Pelvis

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

Sacrum

accessory facets		P	A
spina bifida occulta			A

Femur

allen's fossa		A	NO
polirier's facet		A	NO
plaque		A	NO
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 Lateral*

facet form <del>double</del>		A	A
facet form <del>single</del>		A	P

Calcaneus

facet form double		A	A
facet form single		P	P

OLR~~00~~

# Skeleton Recording Sheet (Adult)

52.

left

right

unsided

### Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)		34.9	- 34.1
Orbital Length (O'2)		33.8	- 33.8
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			- 173
Max. Cranial Breadth (B)			- 131
Min. Frontal Breadth (B')			- <del>131</del> 92
Basion Bregma height (H')			- 136
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			- 57.7
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			
Nasal Height (NH')			- 46.7
Nasal Breadth (NB)			- 20.3
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			- 45.1
Palatal Breadth (G'2)			- 35.1
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			18.9
Mandibular Angle MZ			
Bigonial Breadth OoGo			88
Max. Mandibular Length			76

*OLR00*

# Skeleton Recording Sheet (Adult)

53.

left

right

### Femur

FeL1 Max. L	395	399
FeL2 Obl. L		
FeD1 A-P Subtroch DI	28.2	27.3
FeD2 M-L Subtroch DI	26	26.6
FeDs Max. DI Head		
C Midshaft Circ.		
FeEI Bicond Width		

### Tibia

TiL1 Max. L	315	316
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	30.8	31.8
TiD2 M-L DI. Nut. For	21.6	22.9

### Fibula

FiL1 Max. L	310	311
-------------	-----	-----

### Humerus

HuL1 Max. L	290	294
HuD5 Max. DI Head		
HC-Midshaft Circ		

### Radius

RaL1 Max. L	204	206
-------------	-----	-----

### Ulna

UiL1 Max. L	218	224
-------------	-----	-----

### Clavicle

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

OLR00

# Skeleton Recording Sheet (Adult)

54.

left

right

### Scapula

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

33.8

33.2

### Atlas

Max. Internal width

25.8

### Sternum

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

85.3  
37.6

### Sacrum

SacL Max. L  
SacB Max. B

104  
118.2

### Indices

#### Cranial

Height/Length  
Height/Breadth

78.61  
103.82

#### Nasal

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

—  
43.47  
77.83  
—  
96.85  
X

#### Post Cranial

Platymetric  
Platycnemic  
Radio-Humeral  
Robusticity

108.46  
70.13  
70.34  
102.63  
72.01  
70.07

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	✓ } Dors ✓ } facet									
C2	OP PO SN EB	✓ } Dors ✓ } facet									
C3	OP PO SN EB	✓ Slight ✓ Mod	✓ Mod	✓ Mod				✓ Mod	✓ Mod Slight		
C4	OP PO SN EB	✓ Slight ✓ Mod	✓ Slight "					✓ Severe Slight	✓ Severe		
C5	OP PO SN EB	✓ Mod Slight	✓ Slight	✓ Slight				✓ Severe	✓ Severe		
C6	OP PO SN EB	✓ Mod	✓ Severe Slight					✓ Severe			
C7	OP PO SN EB	✓ Severe Mod	✓ Severe Mod		✓ Slight						
T1	OP PO SN EB	✓ Mod	✓ Mod								
T2	OP PO SN EB	✓ Mod Slight	✓ Mod Slight								✓ Slight
T3	OP PO SN EB	✓ Mod Slight	✓ Severe Slight			✓ Slight					✓ Slight
T4	OP PO SN EB	✓ Mod Slight	✓ Mod Slight			✓ Mod					✓ Mod
T5	OP PO SN EB	✓ Mod Slight	✓ Mod Slight			✓ Mod					✓ Mod
T6	OP PO SN EB	✓ Slight "	✓ Mod Slight								
T7	OP PO SN EB	✓ Slight Slight	✓ Mod Mod			✓ Slight					✓ Mod
T8	OP PO SN EB	✓ Mod Slight	✓ Slight Severe Mod								✓ Slight
T9	OP PO SN EB	✓ Severe Slight	✓ Mod- <del>Sev</del> Slight			✓ Mod					✓ Mod
T10	OP PO SN EB	✓ Mod Slight	✓ Slight								
T11	OP PO SN EB		✓ Slight								
T12	OP PO SN EB	✓ Slight "	✓ Mod Slight				✓ Slight				✓ Slight
L1	OP PO SN EB	✓ Mod Slight	✓ Slight "	✓ Slight	✓ Slight			✓ Mod	✓ Mod		
L2	OP PO SN EB	✓ Slight "	✓ Slight "						✓ Slight		
L3	OP PO SN EB	✓ Mod- <del>Sev</del> Slight			✓ Slight			✓ Slight			
L4	OP PO SN EB	✓ Slight- <del>Mod</del>	✓ Mod Slight		✓ Mod						
L5	OP PO SN EB	✓ Mod Slight	✓ Mod Slight	✓ Mod	✓ Mod			✓ Slight	✓ 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

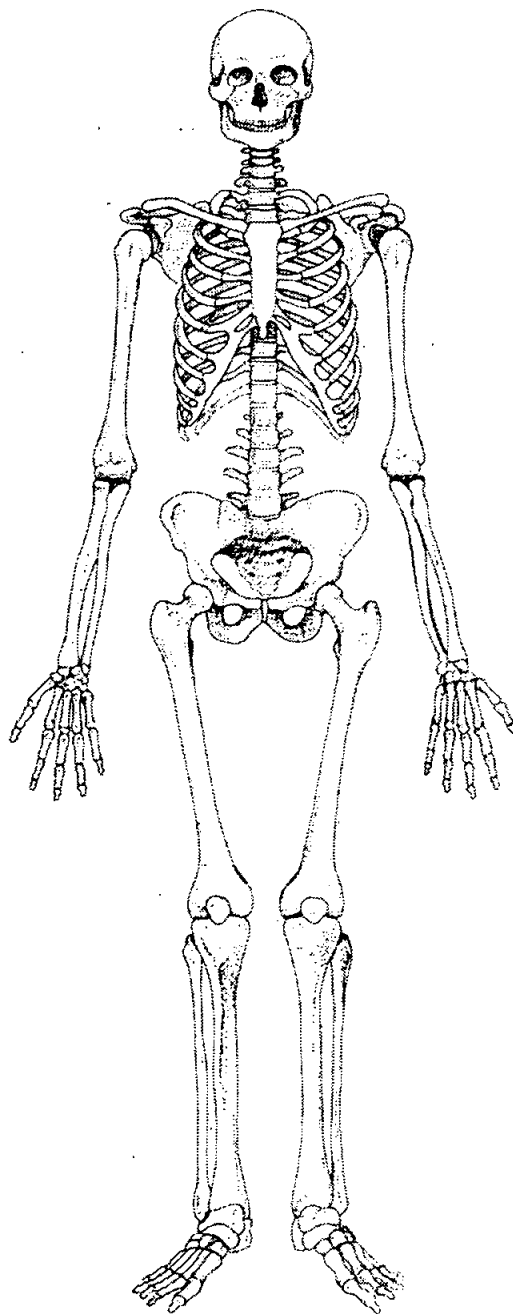
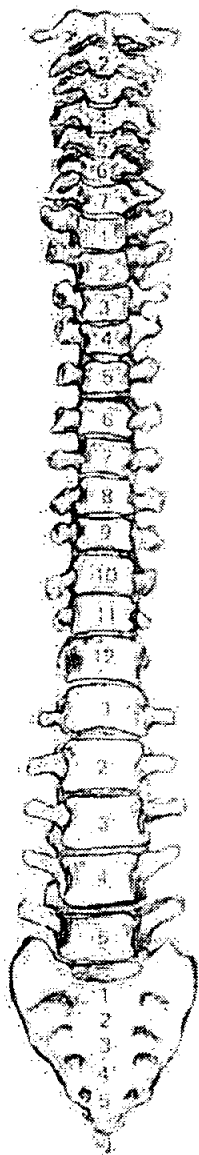
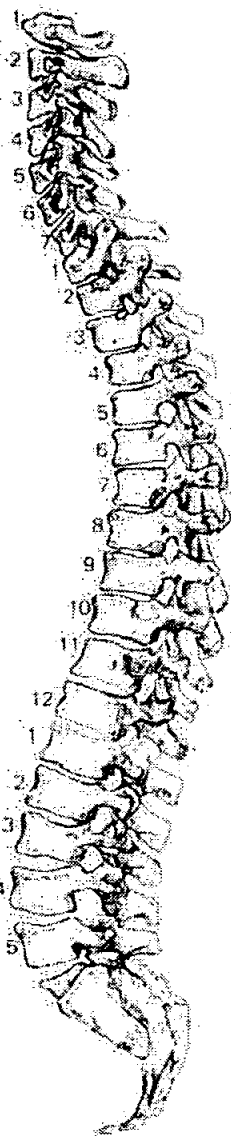
+ Post to Tesco  
Jesse st.

7-30 pm.

"Oxford Thai"  
Cowley Rd.



55. Pathological Distribution

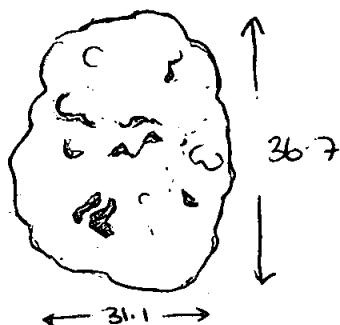


56. Pathological Description

SJD - see sheet

**DJD** + Shaft o.p.s. L. glenoid fossa  
 Severe p.p. o.p.s. + Mod. p.o. all articular facets of  
 Manubrium  
 L. femur - Shaft o.p.s. dist. jt. surf., L. prox. tibia - Shaft o.p.s.  
 prox. surface, + Shaft o.p.s. patella  
 L. Clavicle lateral end - Severe p.o. + Shaft o.p.s., acromion Mod. p.o.  
 R. Clavicle lateral end - Severe p.o. + Shaft o.p.s., acromion Severe p.o. +  
 Mod. o.p.s.  
 R. femur - Shaft o.p.s. dist. jt. surf., Patella Shaft o.p.s., R. prox.  
 tibia - Shaft o.p.s.  
 R. prox. femur - Shaft o.p.s. + p.o., R. acetabulum Shaft o.p.s. + p.o.  
 L. hand - dist. jt. surf. 1<sup>st</sup> M. Carpal, prox. phalanx + ~~hand~~ - Shaft o.p.s. +  
 prox. surf. distal phalanx Severe o.p.s.  
 R = As above + R Capitate larger, more rugged than L, K. Shaft  
 o.p.s.

large calcified mass from pelvic cavity (observed in situ)  
either - bladder stone or ossified ovarian/uterine  
tumour. Density suggests it is not a cyst.



Actual Size

o Smooth + dense.

2nd opinion = ossified fibroid = v. likely.

1. Site Name ST LUKE'S CHURCH, ISLINGTON (OLROD)

2. Date of Record 

6	11	00
---	----	----

3. Period .....

4. Skeleton Number 

					621
--	--	--	--	--	-----

 5. Age 

MTA
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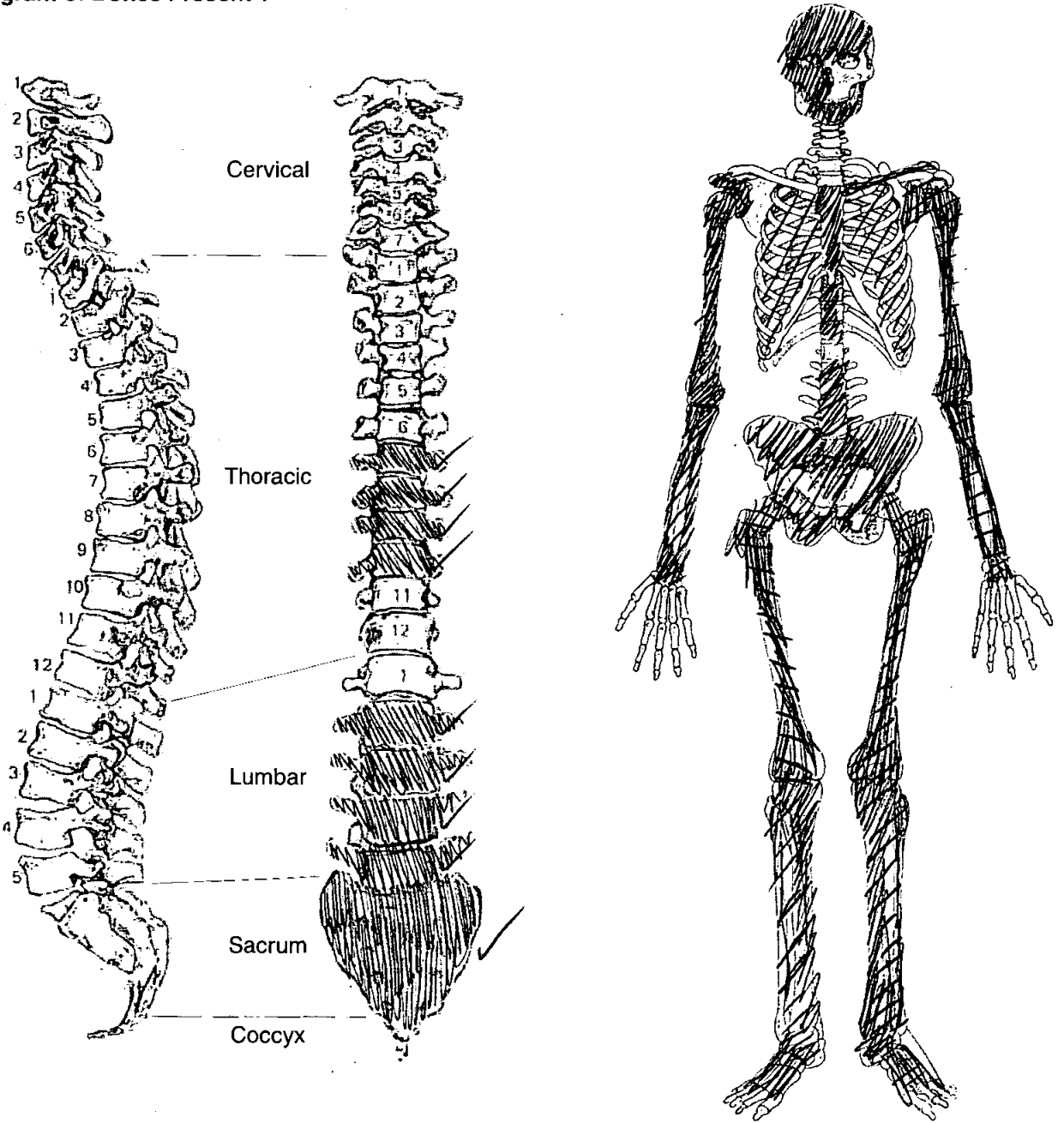
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 167.16 ± 2.99 / 5'5"

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions SJD  
PNS + Ilium + ischium ? neoplastic disease

10. Diagram of Bones Present 1



**Adult Age Estimation**

- 13. Epiphyseal Fusion 29+
- 14. Dental Eruption and Development NO TEETH
- 15. Dental Attrition NO TEETH
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀) STAGE 10 50+
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀) 27-66 (STAGE 5).
- 17. Sternal End of Ribs 43-58 (only one rib in good enough condition)
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface 60+
- 20. Degenerative Joint Disease SJO
- 21. Comments

**Sexing**

**Skull**

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

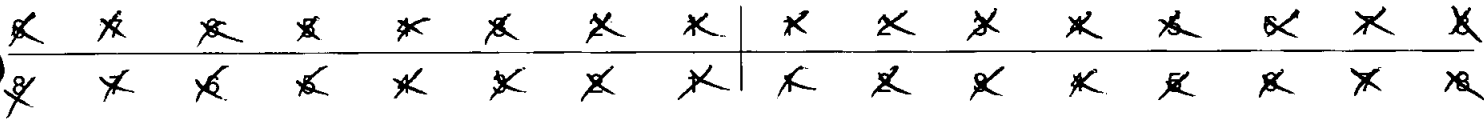
**Sternum**

(BONE DAMAGED).

**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

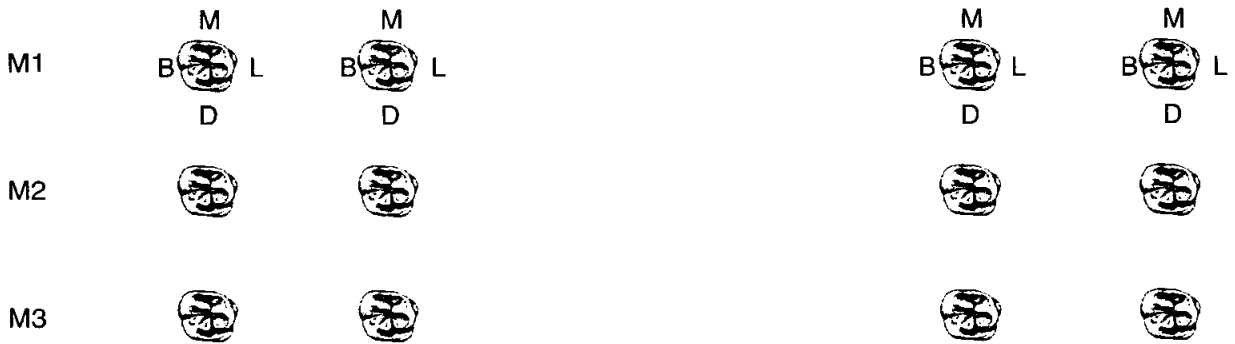
Maxilla

Left

Right

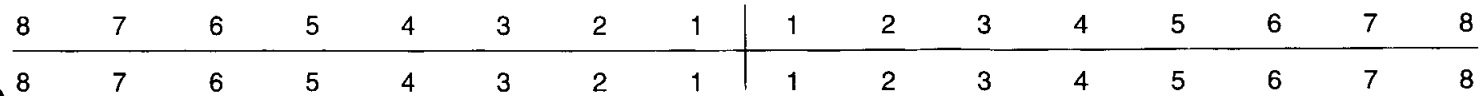
Left

Right



~~43. Dental 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

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 47.2.	R 47.2.
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L DAMAGED	R DAMAGED.
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 46.5	R 47.7.
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 24.1.	R 24.7.
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L DAMAGED.	R 30.0
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L MISSING.	R DAMAGED.

50. Cranial Non-metrics

A - Trait Absent NP - Bone not present

Highest Nuchal Line	NP
Ossicle at Lambda	NP
Bregmatic Bone	NP
Access. Lesser Pal. For	A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	NP
Coronal Ossicle	A
Epipteric Bone	A - Right / NP - left.
Ossicle at Asterion	A - Right / NP - left.
Parietal Notch Bone	A - Right / NP - left.
Fronto-temporo Articulation	A
Parietal Foramen	NP - Both sides.
Access Infraorb. For	A.
Zygomat. Facial. For	Present, multiple on right, <del>multiple</del> single on left.
Frontal. For	Present, both sides.
Foramen of Huschke	NP
Auditory Torus	A
Mandibular Torus	A
Torus Maxillares	A
Precondylar Tubercle	NP
Foramen Ovale	NP
Supra-Orbital Foramen	NP
Postcondylar facet	Present, left + right.
Foramen Spinosum	NP
Posterior Cond. Canal	A
Condylar Facet	NP
Mastoid Foramen	NP
Ant. Ethmoid Foramen	NP NP
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	NP
	NP



**Skeleton Recording Sheet (Adult)**

51. Humerus

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

Scapula

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

Atlas

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

Pelvis

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

Sacrum

accessory facets			
spina bifida occulta		↓	↓

Femur

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

Patella

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

Tibia

<i>Medial sq.</i> facet form <del>double</del>		A ↓	A ↓
<i>Lateral sq.</i> facet form single			

Calcaneus

facet form double			
facet form single		✓	✓

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**Skeleton Recording Sheet  
(Adult)**

52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
Orbital Breadth (O'1)		43.1	
Orbital Length (O'2)		37	
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)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			65.5
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			
Nasal Height (NH')			51.3
Nasal Breadth (NB)			24.1
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			51.5
Frontal Arc (S1)			37.8
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)			

u. facial  
height

**Mandibular Metrics**

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
Bicondylar Breadth WI			
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			26.9
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			

**Skeleton Recording Sheet  
(Adult)**

53.

left

right

**Femur**

FeL1 Max. L	437	441
FeL2 Obl. L		
FeD1 A-P Subtroch DI	31.7	32.4
FeD2 M-L Subtroch DI	40.2	38.8
FeDs Max. DI Head	47.2	47.2
C Midshaft Circ.		
FeE1 Bicond Width		

**Tibia**

TiL1 Max. L	359	358
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	41.4	38
TiD2 M-L DI. Nut. For	27.6	28

**Fibula**

FiL1 Max. L	—	—
-------------	---	---

**Humerus**

HuL1 Max. L	339	343
HuD5 Max. DI Head	46.5	47.7
HC Midshaft Circ		

**Radius**

RaL1 Max. L	246	248
-------------	-----	-----

**Ulna**

UiL1 Max. L	263	260
-------------	-----	-----

**Clavicle**

CiL1 Max. L	—	—
-------------	---	---

54.

left

right

**Scapula**

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

41  
30.1

40.5

**Atlas**

Max. Internal width

**Sternum**

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

**Sacrum**

SacL Max. L  
SacB Max. B

115

**Indices**

**Cranial**

Height/Length  
Height/Breadth

—

**Nasal**

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

46.97  
73.40

85.85

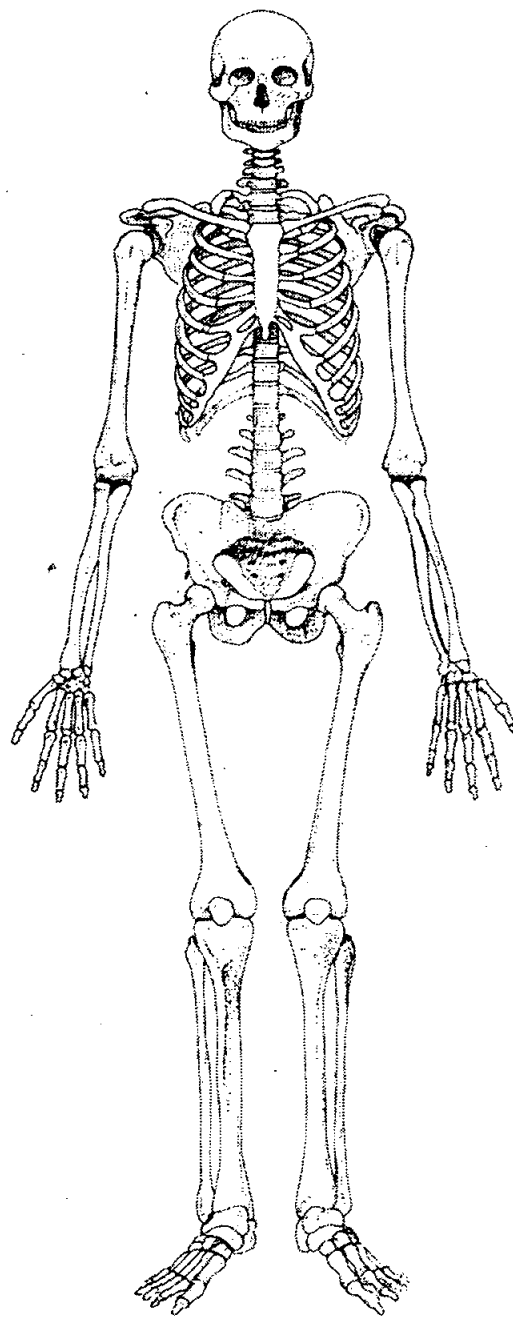
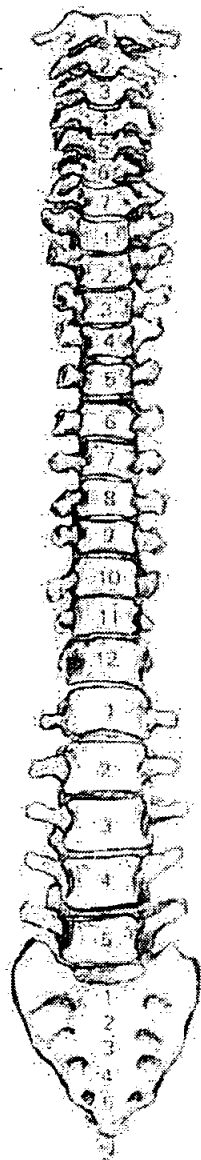
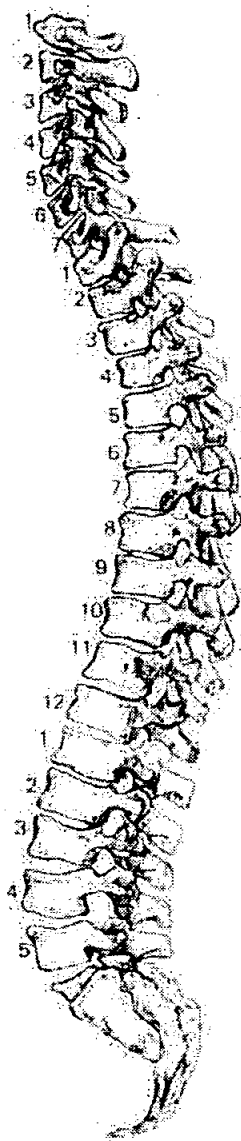
**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

79  
67  
72.56

82  
74  
72.30

55. Pathological Distribution



56. Pathological Description

? Neoplastic growth L. Ilium + ischium. Neoplastic growth anterior inferior iliac spine, posterior surface 20-8 mm diam - raised 6 mm. Similar growth superior edge of acetabulum, & anterior surface. Associated with these lesions from apex of auricular surface to acetabulum + inf. iliac spine → obturator foramen + pubis = covered with thick wavy bone growth. Spinal in places. Predominantly anterior surface of pelvis affected (See over). Alternatively may be reactive bone growth perhaps due to chronic bladder infection.

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	✓ ✓	✓ ✓	lll							
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





**Adult Age Estimation**

- 13. Epiphyseal Fusion ..... 25-29+
- 14. Dental Eruption and Development ..... 18+
- 15. Dental Attrition ..... No 8's Surviving 20-25
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀) ..... X 50+
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀) ..... II 45-6 (Team)
- 17. Sternal End of Ribs
- 18. Cranial Suture Closure
- 19. Ilium Auricular Surface ..... 50-60
- 20. Degenerative Joint Disease ..... None evident
- 21. Comments ..... ? younger TTA 45-55 ?

**Sexing**

**Skull**

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

**Pelvis**

28. Sciatic Notch

None

29. Subpubic Angle

None

30. Subpubic Concavity

NP

31. Ischio-Pubic Ramus

None

32. Ventral Arc

NP

33. Preauricular Sulcus

None (none present)

34. Obturator Foramen

None

35. Pelvic Brim

None

36. Acetabulum

None

37. Ilium Auricular Surface

None

**Sacrum**

38. Segments

None

39. Morphology

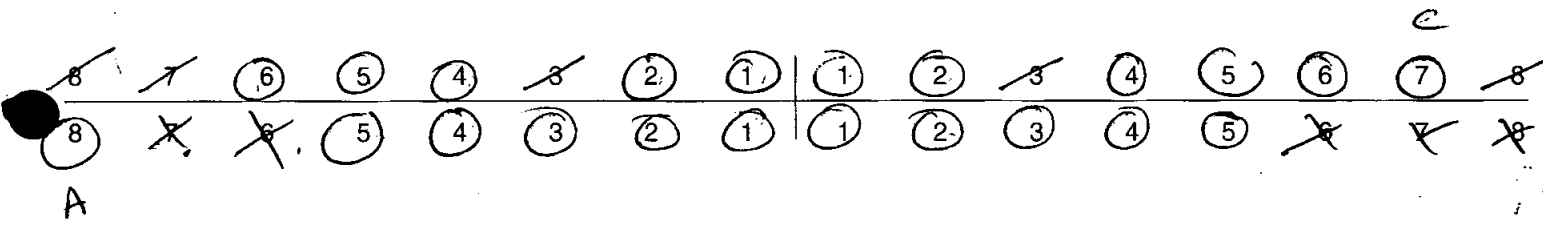
None

**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

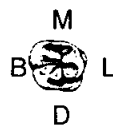
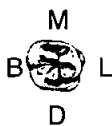
Left

Right

Left

Right

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

														M 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	
					ML	ML	ML	ML	ML	ML	ML	ML					

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 ..... L7

47. Abscess

- Internal Drain ..... R
- External Drain .....

48. Dental Anomalies

.....

.....

.....

.....

.....

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 47.1	R 47.7
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R 79
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 21.9	R 24.2
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L —	R 24.4
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R 119 Incomp.

50. Cranial Non-metrics

Highest Nuchal Line	N.P.
Ossicle at Lambda	"
Bregmatic Bone	"
Access. Lesser Pal. For	A
Palatine Torus	A
Metopism	N.P.
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	Present R+L
Auditory Torus	N.P.
Mandibular Torus	N.P.
Torus Maxillares	N.P.
Precondylar Tubercle	N.P.
Foramen Ovale	Complete
Supra-Orbital Foramen	N.P.
Postcondylar facet	N.P.
Foramen Spinosum	N.P.
Posterior Cond. Canal	N.P.
Condylar Facet	Single R+L
Mastoid Foramen	N.P.
Ant. Ethmoid Foramen	N.P.
Post. Ethmoid Foramen	N.P.
Anterior Condylar Canal	N.P.

**Skeleton Recording Sheet (Adult)**

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

Atlas

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

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		✓	✓
third trochanter		A	A
hypotrochanteric fossa		↓	↓
exostosis in trochanteric fossa		↓	↓

Patella

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

Tibia

*Medial Sur*  
*Lateral*

facet form double		A	A
facet form single		A	A

Calcaneus

facet form double			
facet form single		✓	✓

OLR00622

# 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 (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)			45.5
Frontal Arc (S1)			34.6
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
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			

**Skeleton Recording Sheet (Adult)**

53.

left

right

**Femur**

FeL1 Max. L		436
FeL2 Obl. L		
FeD1 A-P Subtroch DI	27.3	28.8
FeD2 M-L Subtroch DI	31.1	33.3
FeDs Max. DI Head	47.1	47.7
C Midshaft Circ.		
FeE1 Bicond Width		79

**Tibia**

TiL1 Max. L	341	349
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	38	39
TiD2 M-L DI. Nut. For	27.8	26.8

**Fibula**

FiL1 Max. L	340	342
-------------	-----	-----

**Humerus**

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

**Radius**

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

**Ulna**

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

**Clavicle**

CiL1 Max. L	-	119
-------------	---	-----



**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

111

SacB Max. B

116

**Indices**

**Cranial**

Height/Length

11

Height/Breadth

11

**Nasal**

Upper Facial

11

Feraminat *Nasal*

11

Palatal

76.04

Orbital



Mean Porion Height



**Post Cranial**

Platymeric



Platycnemic

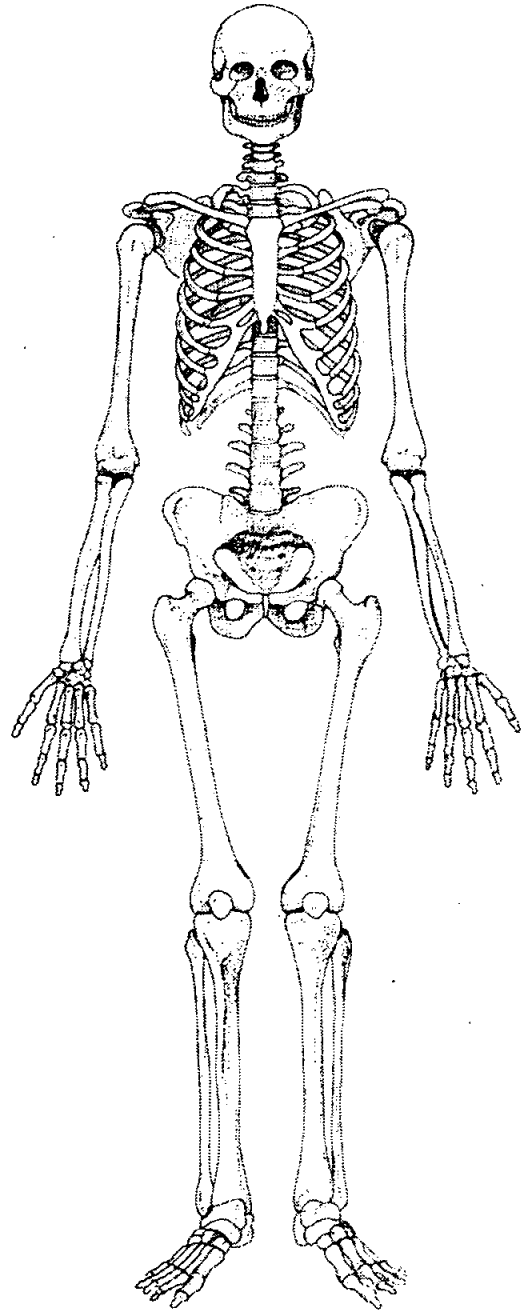
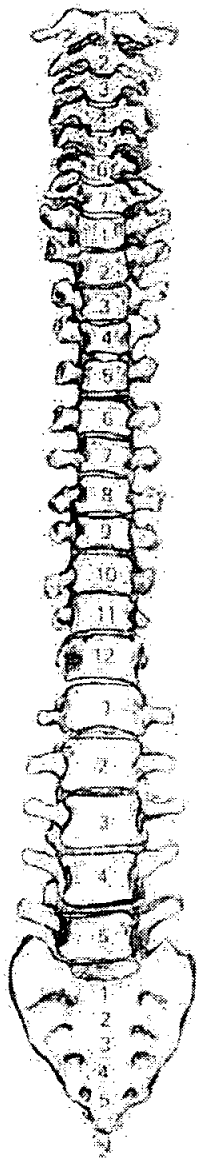
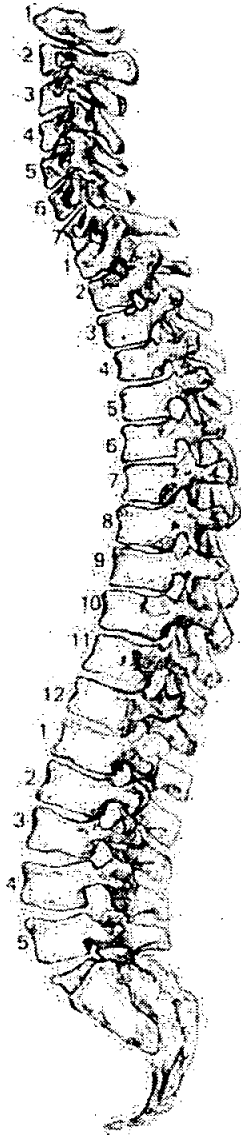


Radio-Humeral



Robusticity

55. Pathological Distribution



56. Pathological Description

~~Spinal SD~~  
Periostitis + osteitis — L femur - thickening + p. of shaft + pitted of lamellar bone, anterior/lateral aspect distal shaft  
 L Tibia - thick pitted + striated lamellar bone upper → lower 1/3 Dist Shaft + thickening  
 R femur - V Thick pitted + striated lamellar bone Dist → distal shaft anterior / Medial aspect, some woven, Radial app.  
 R Tibia - thick pitted + striated lamellar bone upper → lower 1/3 Dist Shaft All aspect

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 OLR00

2. Date of Record 

30	01	01
----	----	----

3. Period Post-Med

4. Skeleton Number 

6	2	3					
---	---	---	--	--	--	--	--

 5. Age 

--	--

6. Sex (tick one)  Male  Female  Unidentified

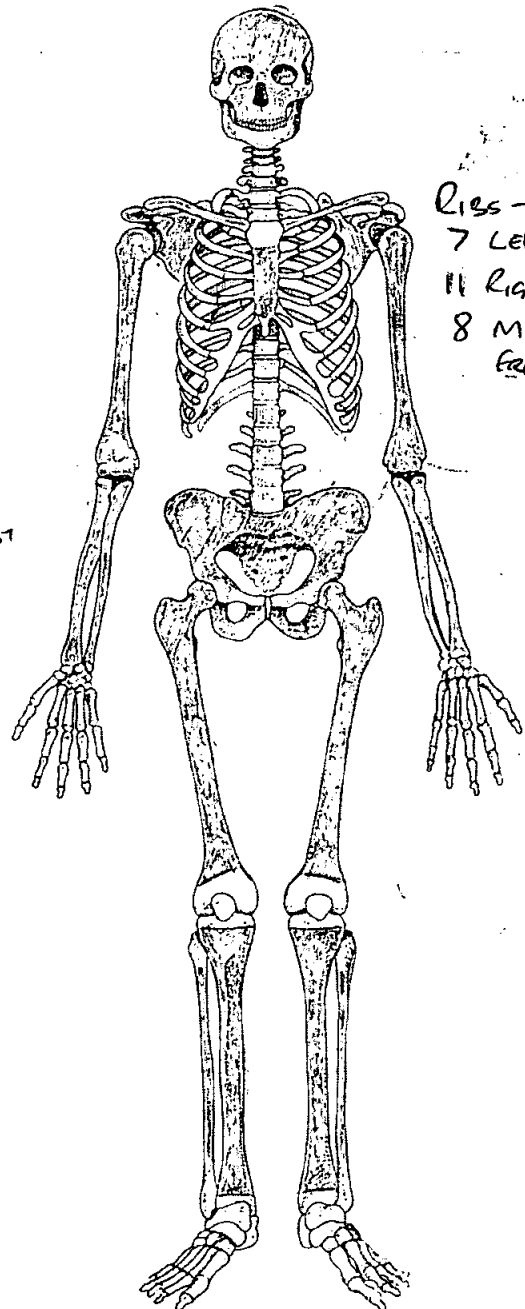
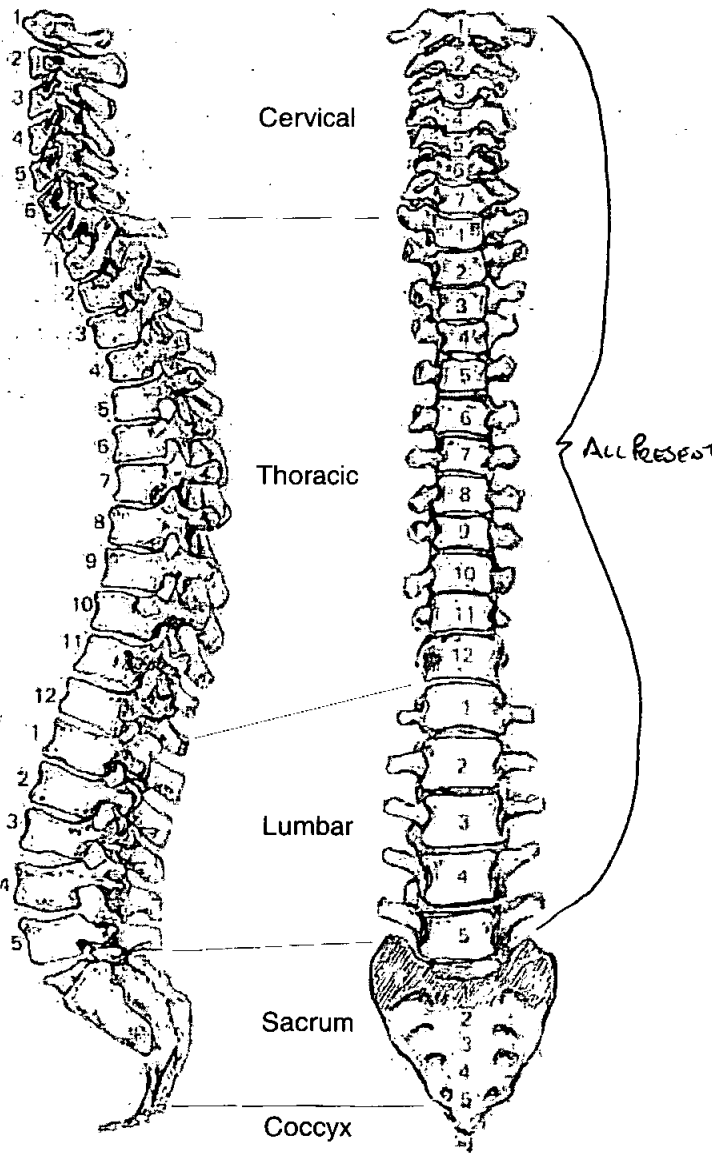
30-36 YEARS

7. Stature 163.5 ± 4.24 cm

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions SCHMORL'S NODES ON T8/T9. OSTEOPHYTES ON T2. MUSCLE ATTACHMENT PROMINENCES ON CLAVICLE. DENTAL OVERCROWDING, CARIES + CALCULUS.

**10. Diagram of Bones Present 1**

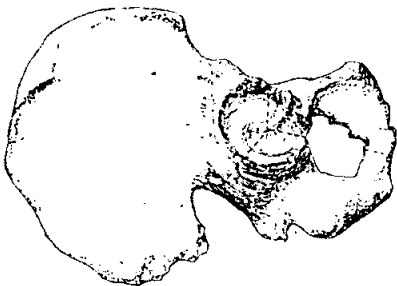
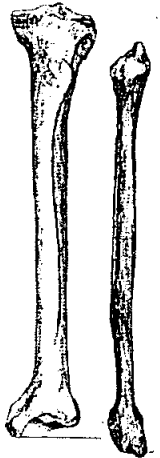
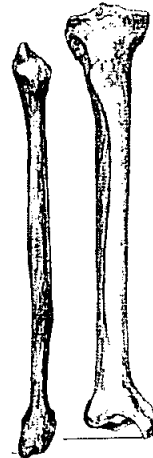
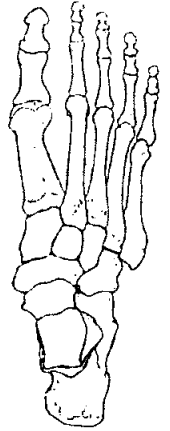
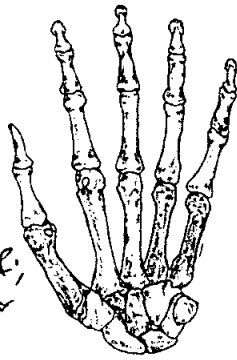


Ribs -  
7 LEFT RIBS;  
11 RIGHT RIBS;  
8 MID-SHAPED  
FROGMASTER

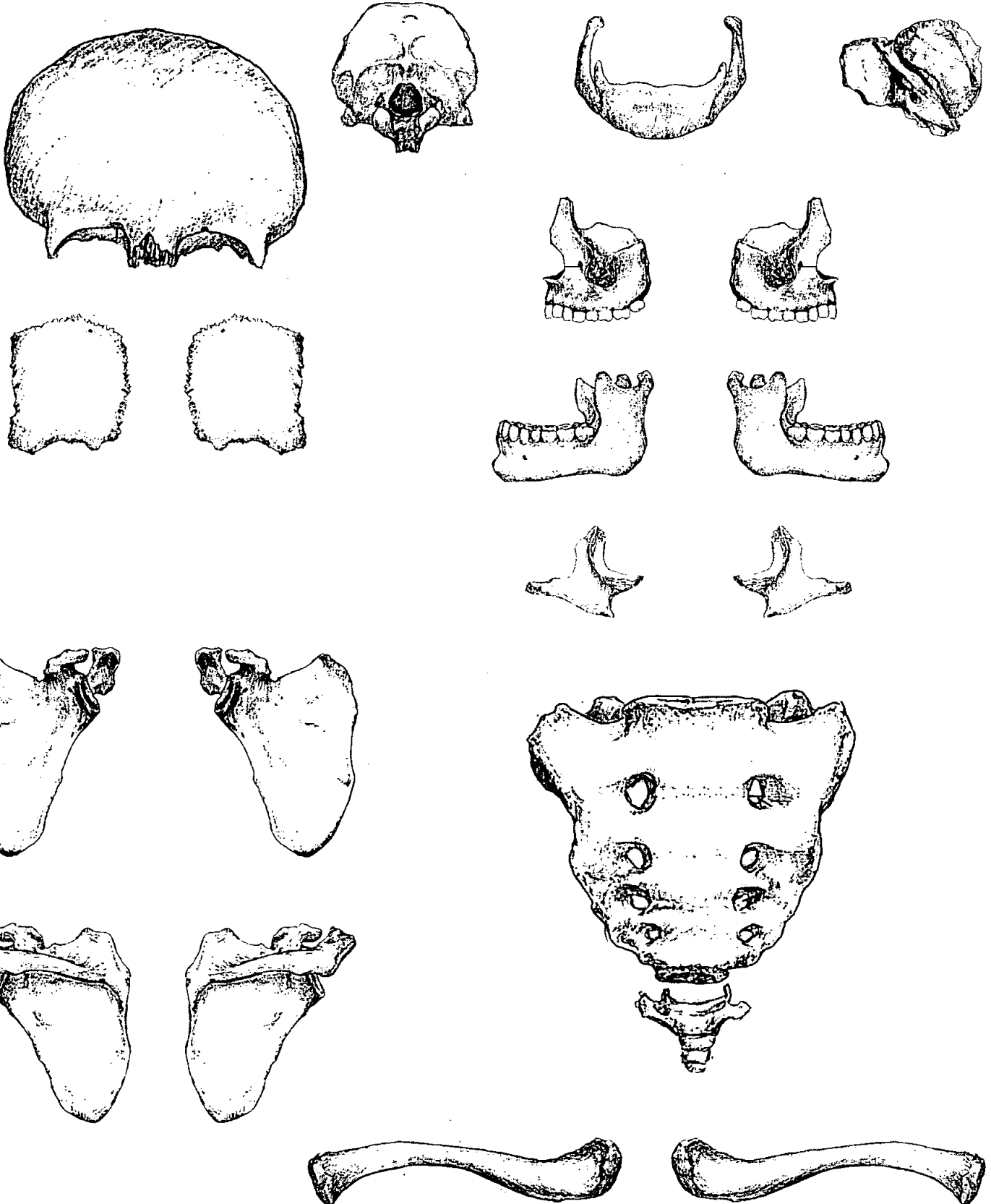
11. Diagram of Bones Present 2



ALSO-  
6 PROXIMAL PHALANXES,  
5 MIDDLE PHALANXES,  
10 DISTAL PHALANXES



12. Diagram of Bones Present 3



**Adult Age Estimation**

- 13. Epiphyseal Fusion FUSED - C. 28+ YRS.
- 14. Dental Eruption and Development M3 ERUPTED OS MANDIBLE LEFT... C. 18+ YEARS.
- 15. Dental Attrition 30-36 YEARS.
- 16. Pubic Symphyses NOT PRESENT UPON OS COXAЕ
  - 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 STAGE III . 30-34 YEARS
- 20. Degenerative Joint Disease /

21. Comments DUE TO THE ABSENCE OF THE PUBIC SYMPHYSES, AN AGE ESTIMATE OF 30-36 YEARS CAN BE MADE VIA DENTAL ATTRITION AND ILIUM AURICULAR SURFACE ESTIMATION.

**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

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

~~NIP~~ FEMALE

37. Ilium Auricular Surface

FEMALE

**Sacrum** - Bone incomplete.

38. Segments

39. Morphology

**Sternum** - Bone 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

#	<del>5</del>	6	NP	/	/	2	1	1	2	/	4	/	/	/	U
<del>8</del>	<del>7</del>	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

	M	M	M	M
M1	B  L	B  L	B  L	B  L
	D	D	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	Severity
O = Occlusal	F = Flecks
D = Distal	S = Slight
L = Lingual	ME = Medium
B = Buccal	H = Heavy
M = Mesial	
A = All sides	

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
					F <sub>M</sub>	F <sub>M</sub>				F <sub>M</sub>					

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	..... MANDIBULAR LM3 + RM1

47. Abscess

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

48. Dental Anomalies

UPON THE LEFT SIDE OF THE MANDIBLE THERE IS  
DISTAL OVERCROWDING OF I<sup>2</sup>, C AND PM<sup>1</sup>  
I<sup>2</sup> • THE MAXILLARY LI<sup>1</sup> HAD AN UNUSUAL GROOVE  
RUNNING DOWN THE CENTRE OF IT - GIVING IT AN ALMOST  
BIFID APPEARANCE. THE MAXILLARY R PM<sup>2</sup> WAS UNERUPTED.

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 42mm	R 42mm
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L N/P	R N/P
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L N/P	R 37mm
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 16mm	R 17mm
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 20mm	R 20mm
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 141mm	R 141mm

\* A = Absent

50. Cranial Non-metrics

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
Epipteris Bone	A
Ossicle at Asterion	A
Parietal Notch Bone	PRESENT RIGHT.
Fronto-temporo Articulation	A
Parietal Foramen	A
Access Infraorb. For	PRESENT LEFT.
Zygomat. Facial. For	PRESENT ON BOTH SIDES.
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	A
Ant. Ethmoid Foramen	A
Post. Ethmoid Foramen	A
Anterior Condylar Canal	A

**Skeleton Recording Sheet (Adult)**

51. Humerus

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

Scapula

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

Atlas

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

Pelvis

accessory facets		NIP	NIP
------------------	--	-----	-----

Sacrum - Bone Damaged

accessory facets		<del>/</del>	<del>/</del>
spina bifida occulta		<del>/</del>	<del>/</del>

Femur

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

Patella - Bones Not Present

vastus notch		<del>/</del>	<del>/</del>
vastus fossa		<del>/</del>	<del>/</del>
emarginate patella		<del>/</del>	<del>/</del>

Tibia

facet form double		A	A
facet form single		A	A

Calcaneus - Bones Not Present

facet form double		<del>/</del>	<del>/</del>
facet form single		<del>/</del>	<del>/</del>

52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
†Orbital Breadth (O'1)	49.5	32	
†Orbital Length (O'2)	38	37	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
† Max. Cranial Length (L)			178
† Max. Cranial Breadth (B)			116
† Min. Frontal Breadth (B')			99
† Basion Bregma height (H')			
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
† Upper Facial Height (G'M)			68
Bimaxillary Breadth (GB)			
† Bizygomatic Breadth (J)			114
† Nasal Height (NH')			32
† Nasal Breadth (NB)			19
Sup. Nasal Breadth (NB')			
† Palatal Length (G'1)			30
† Palatal Breadth (G'2)			51
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)			

Receives Part of Skull Assem.

**Mandibular Metrics**

Coronoid Height CrM			
Min. Ramus Breadth RB			
Condyle Length CYL			
†Bicondylar Breadth WI			120
Foramen Ment. Breadth ZZ			
† Symphyseal Height HI			33
Mandibular Angle MZ			
† Bigonial Breadth OoGo			75
† Max. Mandibular Length			124

53.

left

right

**Femur**

\* NIP - Bone either not present or incomplete

FeL1 Max. L	NIP	NIP
FeL2 Obl. L	NIP	NIP
FeD1 A-P Subtroch DI } MIDSHAFT	20	24
FeD2 M-L Subtroch DI }	23	22
FeDs Max. DI Head	42	42
C Midshaft Circ.		
FeEI Bicond Width	NIP	NIP

**Tibia**

TiL1 Max. L	NIP	NIP
TiB1 Bicond Width	NIP	NIP
TiD1 A-P DI. Nut. For	11	15
TiD2 M-L DI. Nut. For	21	21

**Fibula**

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

**Humerus**

HuL1 Max. L	304	305
HuD5 Max. DI Head	NIP	37
HC Midshaft Circ		

**Radius**

RaL1 Max. L	229	226
-------------	-----	-----

**Ulna**

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

**Clavicle**

CiL1 Max. L	141	141
-------------	-----	-----

**Skeleton Recording Sheet (Adult)**

54.

left

right

**Scapula**

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

35
20

34
20

**Atlas**

Max. Internal width

<del>12.8</del>
-----------------

NIP

--

**Sternum**

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


NIP  
NIP


**Sacrum** - Bone Incomplete

SacL Max. L  
SacB Max. B

<del>          </del>
<del>          </del>

<del>          </del>
<del>          </del>

**Indices**

**Cranial**

Height/Length  
Height/Breadth

<del>          </del>
<del>          </del>

—  
—

<del>          </del>
<del>          </del>

**Nasal**

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

81.6

59.6  
36.5  
102

82.05

**Post Cranial**

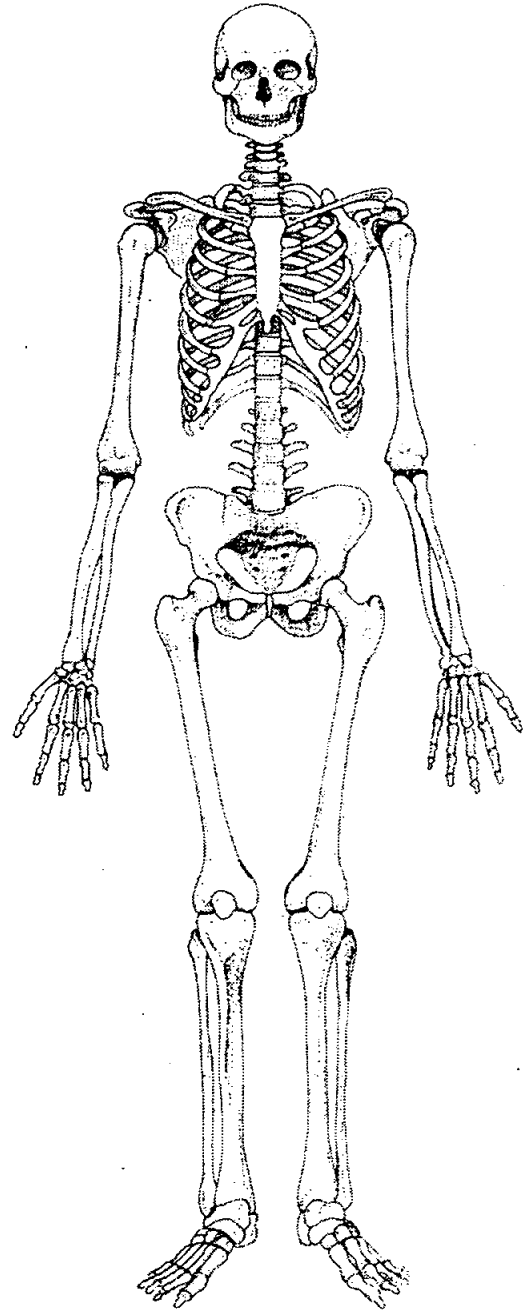
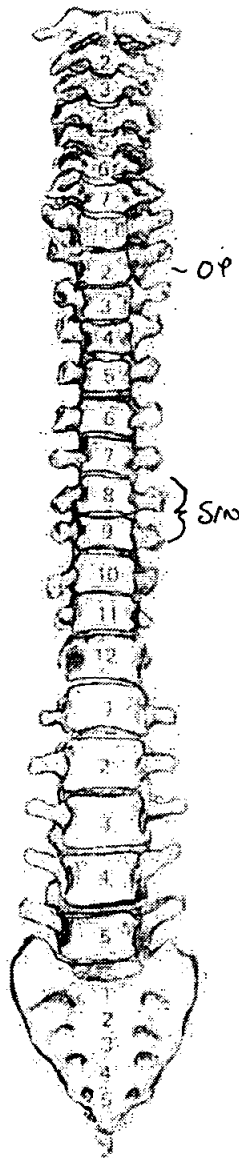
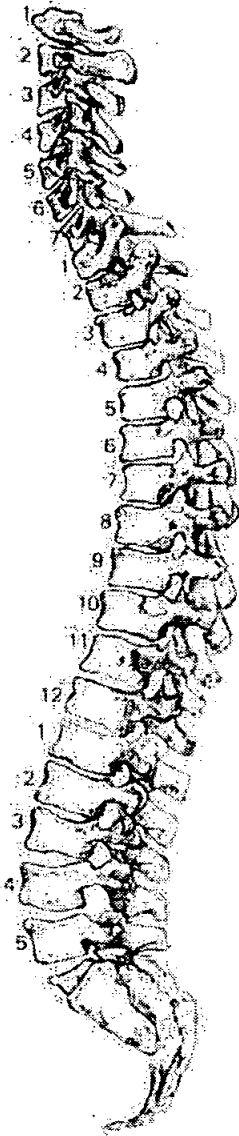
Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

<del>          </del>
52.4

<del>          </del>
76.19



55. Pathological Distribution



56. Pathological Description

SCHMORL'S NODULES WERE LOCATED UPON THE INFERIOR BODY OF T8/T9. SCISSOR-LIKE OSTEOPHYTE FORMATION WAS NOTICED UPON THE EDGE OF THE INFERIOR BODY OF T2.

PROXIMAL MUSCLE ATTACHMENTS WERE NOTED UPON BOTH CERVICALS FOR THE COSTO-CERVICAL MUSCLE.

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	OP									
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		Sw								
T9	OP PO SN EB		Sw								
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 13 02 01

3. Period P-M

4. Skeleton Number 626 5. Age 43-61

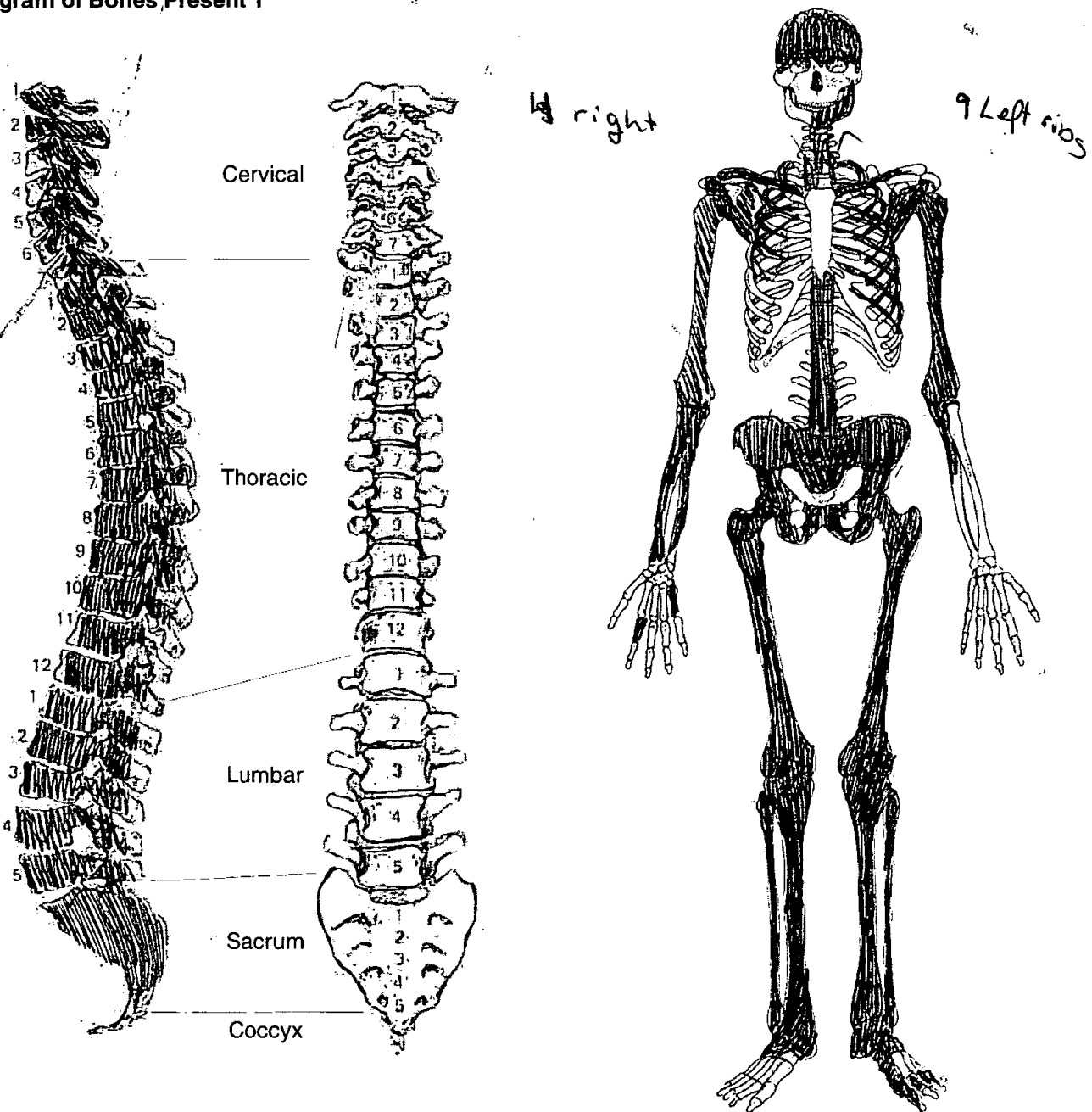
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 158.42 ± 3.55 cm

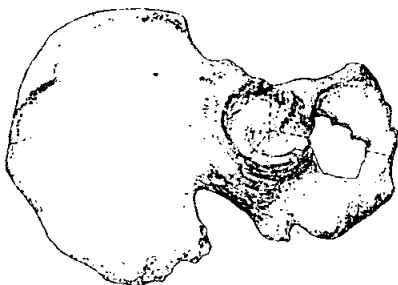
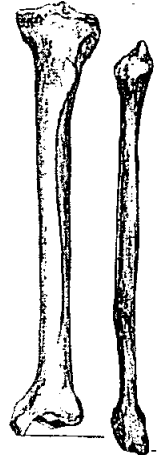
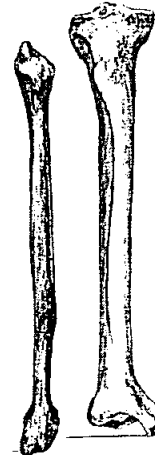
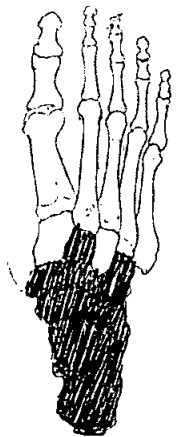
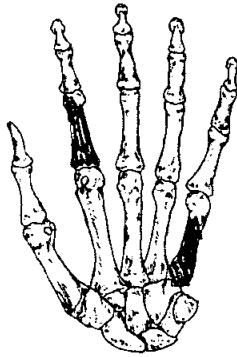
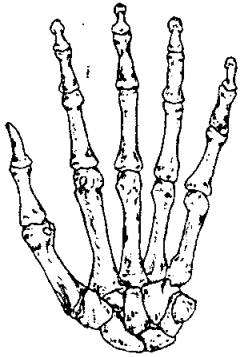
8. Preservation (tick one)  Excellent  Good  Fair  Poor  Destroyed

9. Summary of Pathological Conditions DJD of Acromioclavicular joint, Left 1<sup>st</sup> Mt knees. Non-specific infection: Tibial-healed, Ribs-healed OA - lower back Spinal DJD

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 present

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♀ phase V - VI: mean 48.1 - 60 yrs old

17. Sternal End of Ribs

♀ phase 6: 43.3 - 58.1

18. Cranial Suture Closure

19. Ilium Auricular Surface

40-49

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

M?

26. Anterior Mandible

—

27. Orbital Rims

f

**Pelvis**

28. Sciatic Notch

M?

29. Subpubic Angle

—

30. Subpubic Concavity

—

31. Ischio-Pubic Ramus

—

32. Ventral Arc

F

33. Preauricular Sulcus

F

34. Obturator Foramen

—

35. Pelvic Brim

F?

36. Acetabulum

F

37. Ilium Auricular Surface

M?

**Sacrum**

38. Segments

F

39. Morphology

F

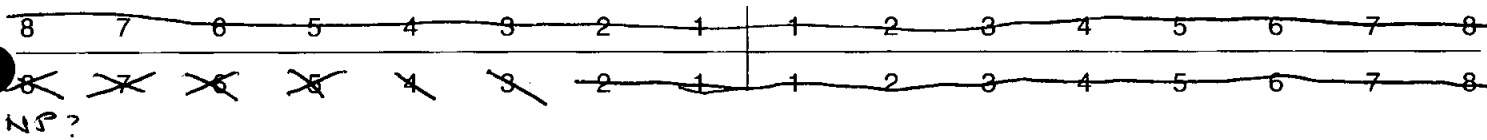
**Sternum**

—

**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



41. Bite

Overbite     Underbite     Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

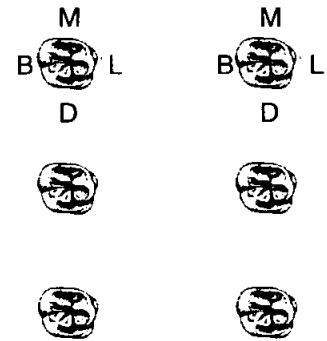
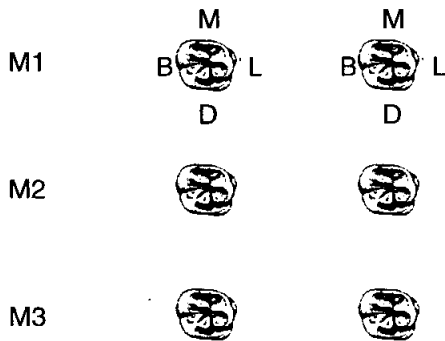
Maxilla

Left

Right

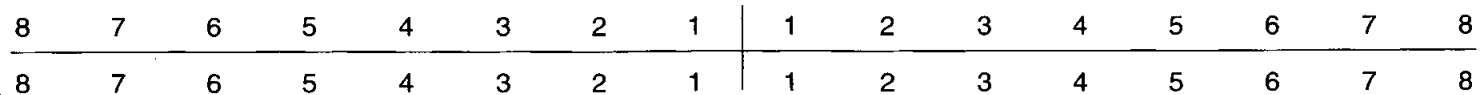
Left

Right



43. Dental Hyoplasia

P = Pit    L = Line    G = Groove





49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 44.5	R 44.42
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 78.6	R 79.1
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L —	R 43.7
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R 19.82
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L —	R 26.1
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L —	R —

50. Cranial Non-metrics A = Absent, P = Present, NP = Bone not present

Highest Nuchal Line	A
Ossicle at Lambda	NP - suture fused (obliterated)
Bregmatic Bone	NP - " " ( " )
Access. Lesser Pal. For	NP
Palatine Torus	NP
Metopism	A
Lambdoid Ossicle	NP - suture closed (obliterated)
Coronal Ossicle	NP - " " ( " )
Epipteric Bone	L+R = NP
Ossicle at Asterion	L+R = A
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	L+R = A
Mandibular Torus	L = A, R = NP
Torus Maxillares	L+R = NP
Precondylar Tubercle	NP
Foramen Ovale	L+R = A (complete)
Supra-Orbital Foramen	L = A (Notch), R = A (Bridged)
Postcondylar facet	L+R = A
Foramen Spinosum	L+R = NP
Posterior Cond. Canal	L+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 = A (single) R = NP

**Skeleton Recording Sheet (Adult)**

51. Humerus

	unside	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		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostois 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
Left " facet form single		A	A

Calcaneus

facet form double		P	P
facet form single		A	A

**Skeleton Recording Sheet (Adult)**

53.

left

right

**Femur**

FeL1 Max. L	415	417
FeL2 Obl. L		
FeD1 A-P Subtroch DI	30.9	29.1
FeD2 M-L Subtroch DI	33.9	35.1
FeDs Max. DI Head		
C Midshaft Circ.		
FeE1 Bicond Width		

**Tibia**

TiL1 Max. L	342	340
TiB1 Bicond Width	70.4	72.3
TiD1 A-P DI. Nut. For	39.2	40.9
TiD2 M-L DI. Nut. For	29.3	29.9

**Fibula**

FiL1 Max. L		337
-------------	--	-----

**Humerus**

HuL1 Max. L		295
HuD5 Max. DI Head		
HC Midshaft Circ		

**Radius**

RaL1 Max. L	—	—
-------------	---	---

**Ulna**

UiL1 Max. L	—	—
-------------	---	---

**Clavicle**

CiL1 Max. L	—	—
-------------	---	---

OLR06 626

# Skeleton Recording Sheet (Adult)

54.

left

right

### Scapula

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

### Atlas

Max. Internal width

27.1

### Sternum

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

—  
—

### Sacrum

SacL Max. L  
SacB Max. B

126

### Indices

#### Cranial

Height/Length  
Height/Breadth

—  
—

#### Nasal

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

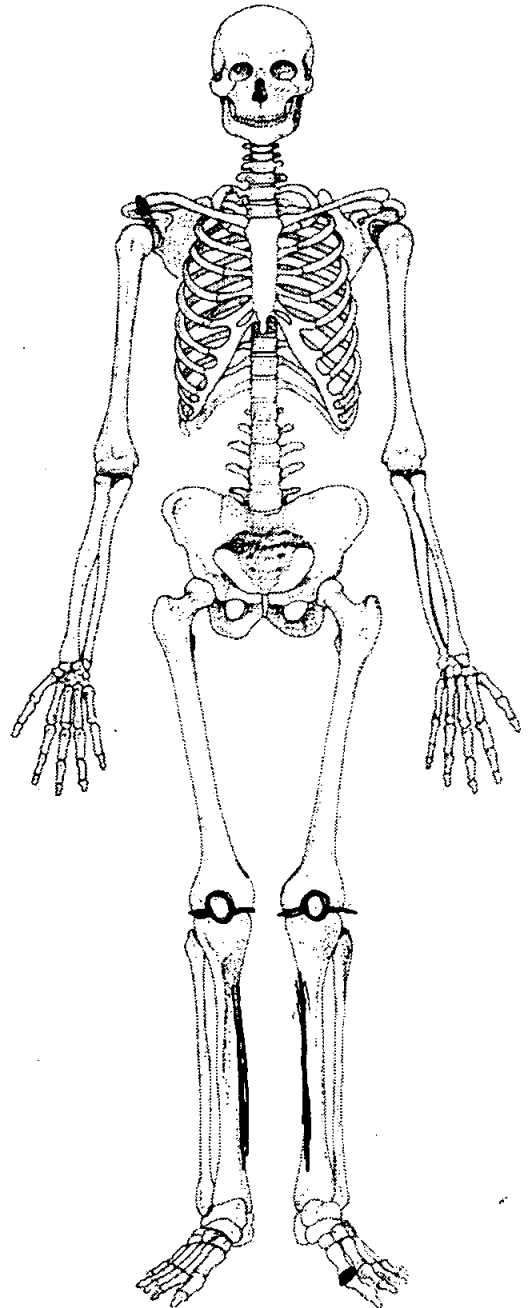
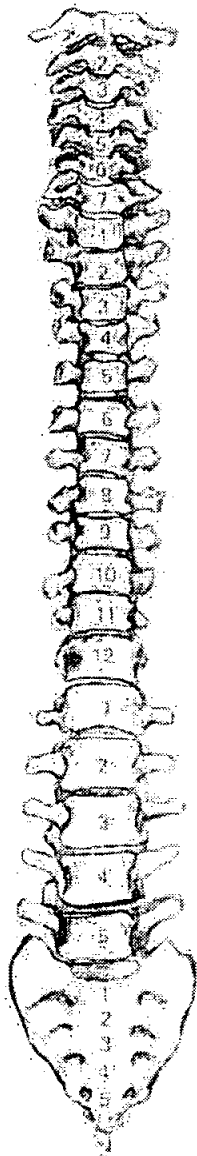
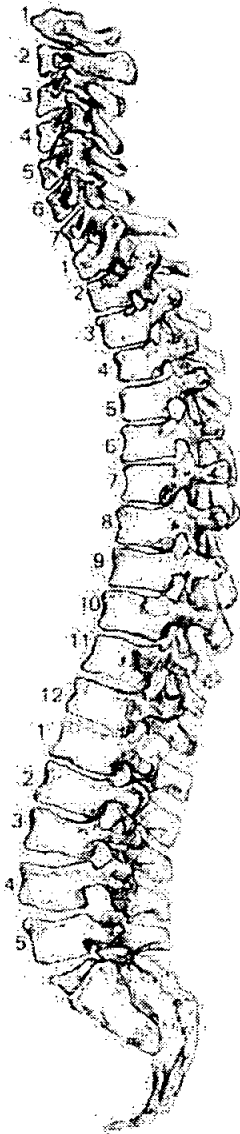
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—  
—  
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#### Post Cranial

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

55. Pathological Distribution



56. Pathological Description

- \* moderate porosity on the articular surfaces of the acromioclavicular joint - right side, = DJD
- \* 2 right & 2 left ribs: New bone formation on the visceral surface of the ribs. Lesions are healed. Non-specific infection
- \* Dist Femora: The condyles are lipped, moderately, @ the margins as well as the patellar surfaces. On the lateral side of the ~~patellar~~ surfaces, there ~~is~~ is a rough area (Ø 20 mm) with gross porosity, = Bilateral degenerative joint disease.
- \* Left 1st Metatarsal: osteophyte formations @ the distal articular surface; = DJD
- \* Medial sides of both tibiae: ~~NI~~ Periostitis on the shaft of the tibiae; ~~is~~ is striated lamellar bone = healed

NI

OLR00 626

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
C1	OP PO SN EB	DENS FAC OP									
C2	OP PO SN EB	DENS: OP									
C3	OP PO SN EB	X	X								
C4	OP PO SN EB	X	X					X			
C5	OP PO SN EB	X	X					X	X		
C6	OP PO SN EB	X	X					X	X		
C7	OP PO SN EB	X	X					X			
T1	OP PO SN EB						PO				PO
T2	OP PO SN EB		OP				PO				PO
T3	OP PO SN EB						OP			X	OP
T4	OP PO SN EB							PO	PO		
T5	OP PO SN EB						PO OP	PO	PO		OP PO
T6	OP PO SN EB			EB OP			PO	EB OP			PO
T7	OP PO SN EB						PO	PO OP	PO OP		PO
T8	OP PO SN EB						PO				PO
T9	OP PO SN EB						PO				
T10	OP PO SN EB										
T11	OP PO SN EB										
T12	OP PO SN EB				OP PO				OP PO		
L1	OP PO SN EB			OP	OP			OP	OP		
L2	OP PO SN EB			OP	OP			OP	OP		
L3	OP PO SN EB			OP	OP			OP	OP		
L4	OP PO SN EB			OP	EB PO			OP EB	EB PO		
L5	OP PO SN EB			EB OP PO	EB			EB OP, PO	EB		

Osteophyte slight on vert. bodies

1. Site Name OLR 00

2. Date of Record 19 02 01

3. Period P-M

4. Skeleton Number 628 5. Age 40-50+

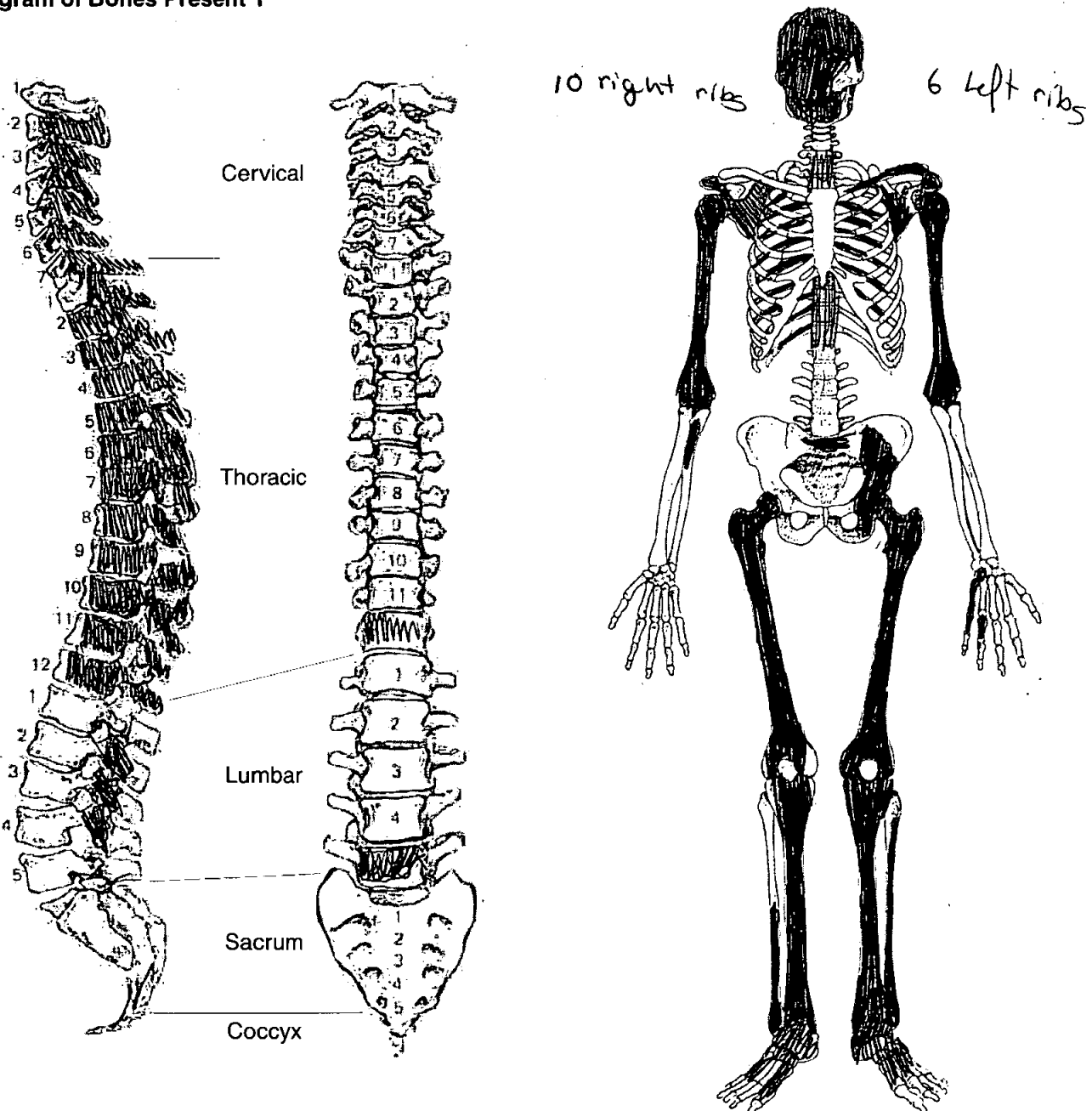
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 180.94 ± 2.99 cm

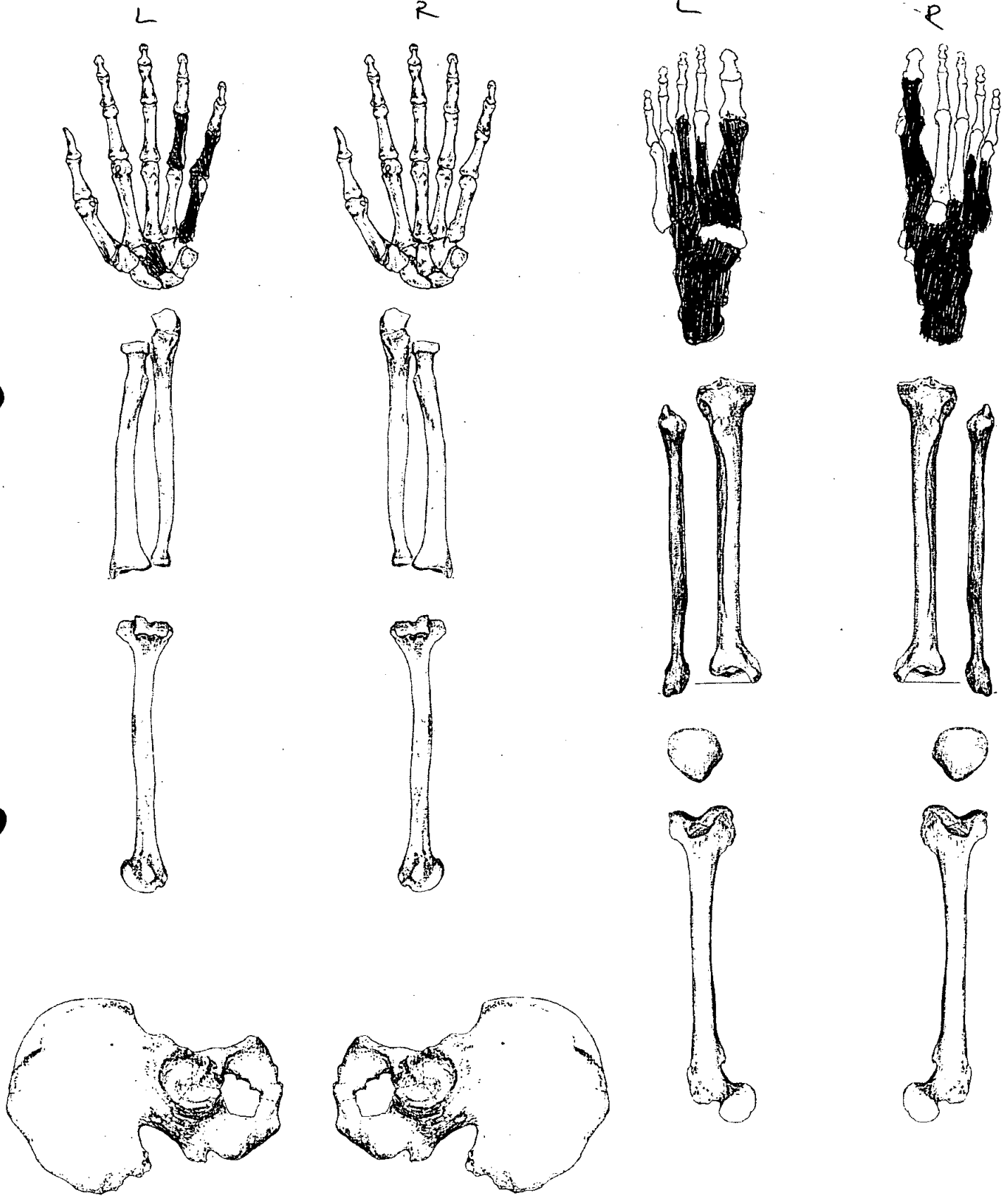
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions Sinusitis,  
healed porotic hyperostosis  
Lamellar bone - periostitis - left tibia

**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

24-30

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs

18. Cranial Suture Closure

35-50+

19. Ilium Auricular Surface

40-44

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

|

30. Subpubic Concavity

|

31. Ischio-Pubic Ramus

|

32. Ventral Arc

|

33. Preauricular Sulcus

F

34. Obturator Foramen

|

35. Pelvic Brim

|

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	<del>2</del>	<del>1</del>	1	2	3	4	5	6	7	8	ND
<del>8</del>	<del>7</del>	6	5	4	<del>3</del>	2	1	1	<del>2</del>	3	4	5	6	7	8	

**41. Bite**                       Overbite     Underbite     Edge to Edge

**42. Molar Attrition**

	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
			<i>1xL</i>	<i>1xL</i>	<i>2xL</i>						<i>1xL</i>	<i>1xL</i>			

44. Calculus (Brothwell 1981)

Position

O = Occlusal  
D = Distal  
L = Lingual  
B = Buccal  
M = Mesial

Severity

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

A = All sides

8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
MS LS DS MS	MS LS DS MS	MS LS DS MS	MS LS DS MS	MS LS DS MS					MS LS	MS LS	MS LS	MS LS	MS LS BS	MS DS BS	
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
		LS DS MS	LS MS	LME MS		LME DS MS	LME DS MS		LME MS DS	LS MS DS	LS	LS	LME DS MS		

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 51.9	R —
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 52.8	R 53.38
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 = Trait not observable

50. Cranial Non-metrics

Highest Nuchal Line	R+L=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
Epipteris Bone	L=NP, R=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	L=NP, R=A
Zygomat. Facial. For	L=NP, R=I
Frontal. For	L=NP, R=A
Foramen of Huschke	L+R=A
Auditory Torus	L+R=A
Mandibular Torus	L=NP, R=A
Torus Maxillares	L+R=A
Precondylar Tubercle	P
Foramen Ovale	L+R=A (single)
Supra-Orbital Foramen	L=NP, R=A (Notch)
Postcondylar facet	L+R=A
Foramen Spinosum	L+R=P (open)
Posterior Cond. Canal	L+R=P
Condylar Facet	L+R=A (single)
Mastoid Foramen	L+R=A (sutural)
Ant. Ethmoid Foramen	L+R=A
Post. Ethmoid Foramen	L+R=A
Anterior Condylar Canal	L+R=A (single)

**Skeleton Recording Sheet (Adult)**

51. Humerus

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

Scapula

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

Atlas

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

Pelvis

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

Sacrum

accessory facets		NP	NP
spina bifida occulta		↓	↓

Femur

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

Patella

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

Tibia

med squatt facet form <del>double</del>		A	A
Lat. Squatt facet form <del>single</del>		A	P

Calcaneus

facet form double		P	P
facet form single		A	A

**Skeleton Recording Sheet (Adult)**

53.

left

right

**Femur**

FeL1 Max. L	500	
FeL2 Obl. L		
FeD1 A-P Subtroch DI	31.78	11
FeD2 M-L Subtroch DI	27.4	11
FeDs Max. DI Head		
C Midshaft Circ.		
FeEI Bicond Width	1	1

**Tibia**

TiL1 Max. L	405	410
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	36.1	1
TiD2 M-L DI. Nut. For	26.3	1

**Fibula**

Fil1 Max. L	1	1
-------------	---	---

**Humerus**

HuL1 Max. L	343	346
HuD5 Max. DI Head		
HC Midshaft Circ		

**Radius**

RaL1 Max. L	1	1
-------------	---	---

**Ulna**

UIL1 Max. L	1	1
-------------	---	---

**Clavicle**

CiL1 Max. L	1	1
-------------	---	---

52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
Orbital Breadth (O'1)	42.1	←	
Orbital Length (O'2)	37.2	—	
Basion-Asterion Chord (O91)			
Max. Cranial Length (L)			—
Max. Cranial Breadth (B)			142
Min. Frontal Breadth (B')			—
✗ Basion Bregma height (H')			x 138
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
✗ Upper Facial Height (G'M)			74.3
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			—
Nasal Height (NH')			—
Nasal Breadth (NB)			—
Sup. Nasal Breadth (NB')			
✓ Palatal Length (G'1)			
✗ Palatal Breadth (G'2)			x 48.8
Frontal Arc (S1)			x 40.2
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			x 36.1
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



**Sacrum**

SacL Max. L  
SacB Max. B



**Indices**

**Cranial**

Height/Length  
Height/Breadth


—  
97.18


**Nasal**

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

88.36

—  
—  
82.38

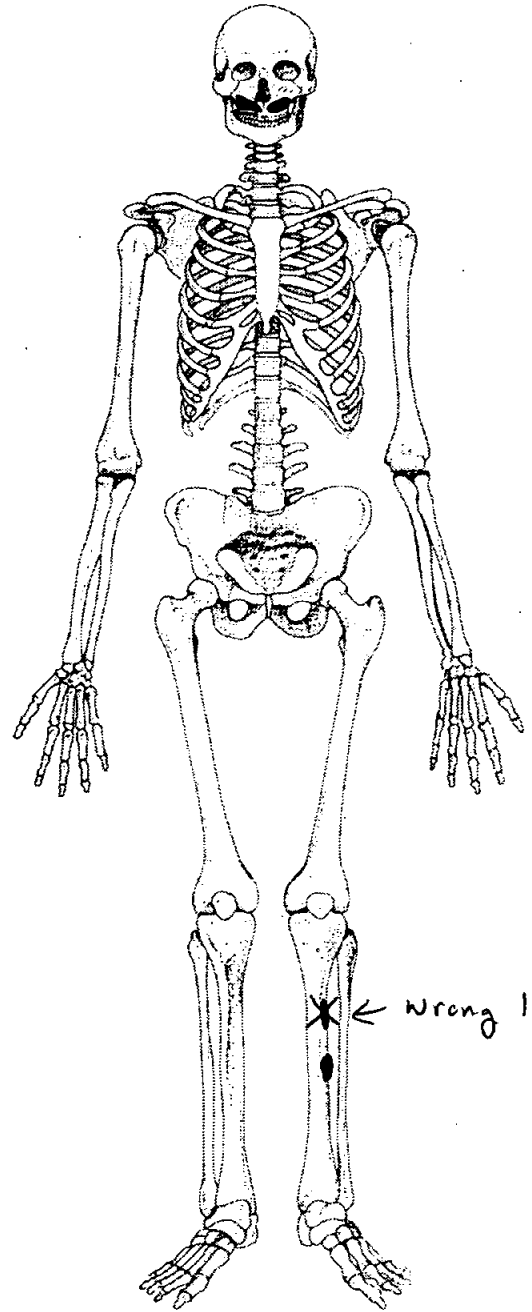
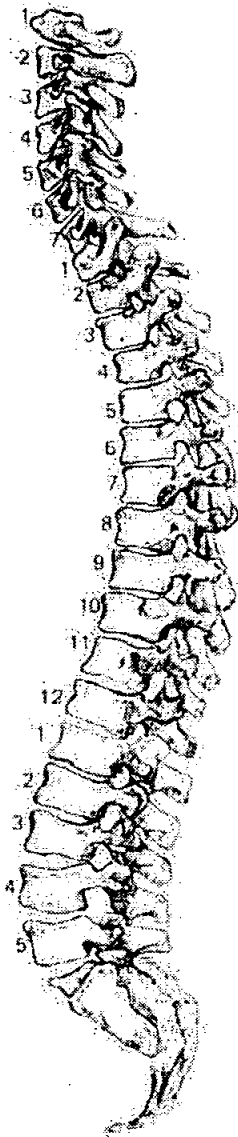

**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

84.97
72.85

—  
—  
—


55. Pathological Distribution



56. Pathological Description

- \* Floors of maxillary sinuses: Bone spicules & plaques are present in both sinus cavities = sinusitis. (Non-specific infection) lesion are acute
- \* Superior-posterior part of the parietals & superior part of the occipital bone & there is an area of parasitic lesions are healed porotic hyperostosis
- \* Small area of raised lamellar bone  $\phi$  17.3 mm present on the lateral side, left tibia - midshaft. Healed NT

*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	X								
C2	OP PO SN EB	X	X	X	X				X		
C3	OP PO SN EB	X	X	X	X						
C4	OP PO SN EB	X	X	X	X						
C5	OP PO SN EB	X	X	X	X						
C6	OP PO SN EB	X	X	X	X						
C7	OP PO SN EB	X	X	X	X						
T1	OP PO SN EB										
T2	OP PO SN EB			X	X	X	X				
T3	OP PO SN EB					X	X				
T4	OP PO SN EB										
T5	OP PO SN EB					X				X	
T6	OP PO SN EB		SN							X	
T7	OP PO SN EB		SN								
T8	OP PO SN EB	SN	SN			X					
T9	OP PO SN EB					X					
T10	OP PO SN EB					X				X	
T11	OP PO SN EB			X		X				X	
T12	OP PO SN EB										
L1	OP PO SN EB	} Too fragmented									
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 OL200

2. Date of Record 07 02 01

3. Period Post-Med.

4. Skeleton Number 629 5. Age AGING ADULT  
50+  
ADULT (MATURE)

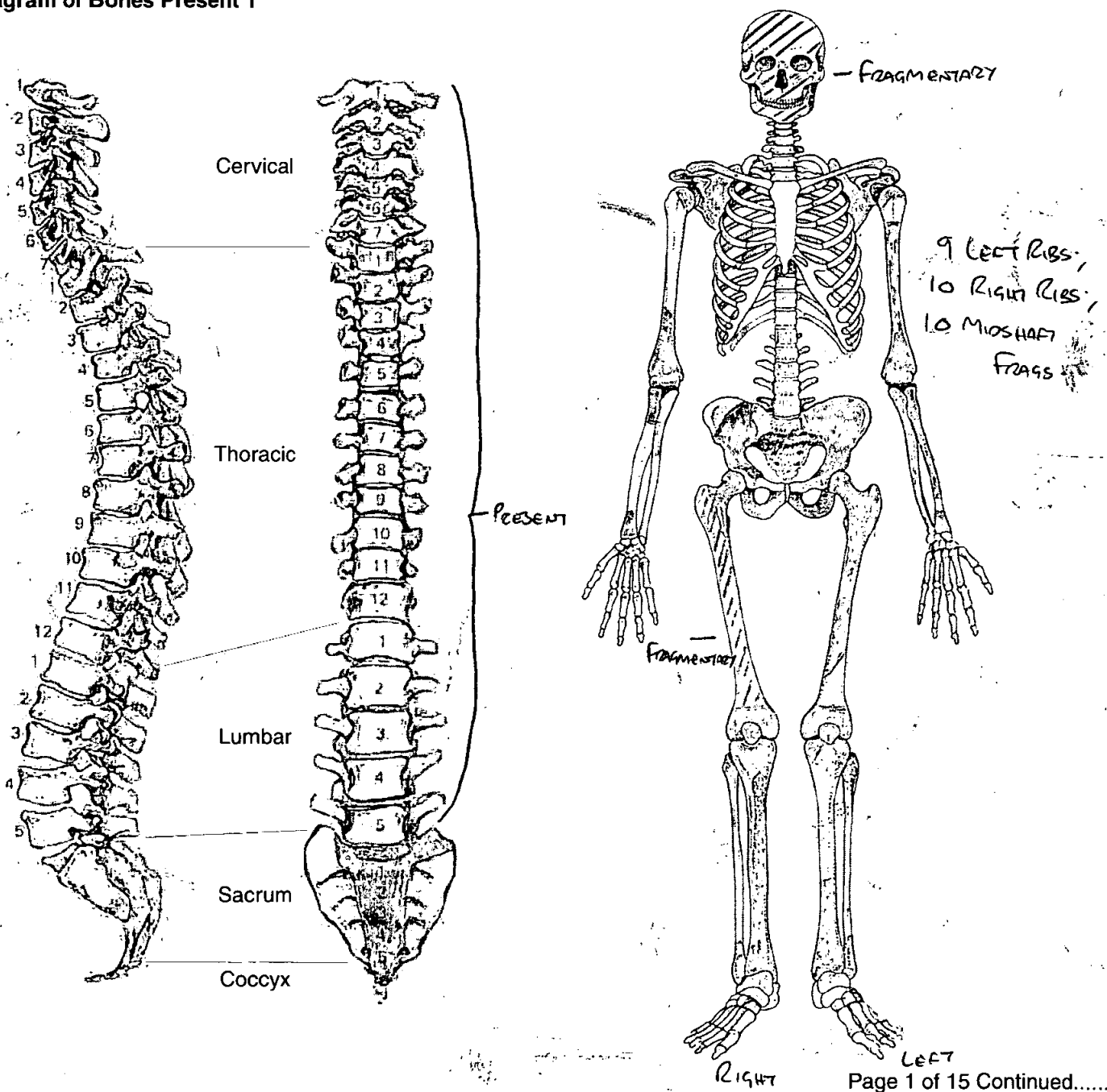
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 167.07 ± 3.37 cm MACE(?) - DUE TO THE POOR PRESERVATION OF THE BONES.

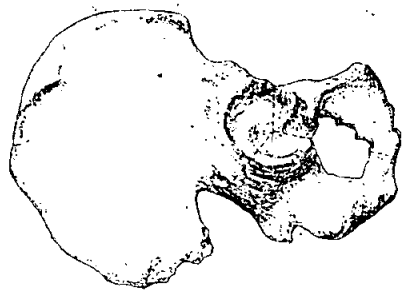
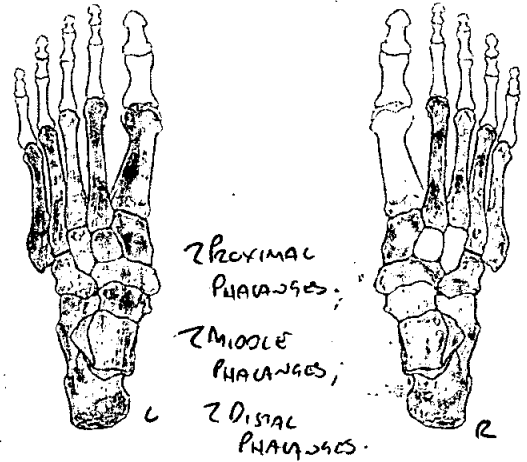
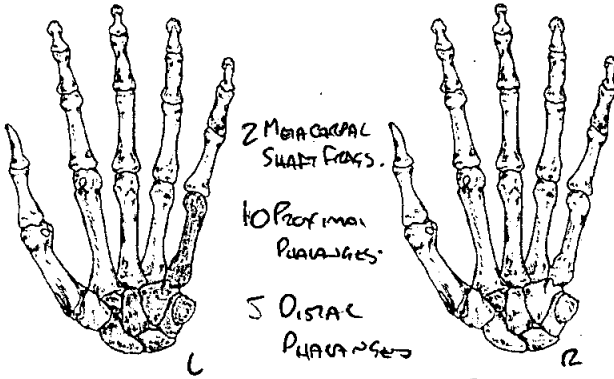
8. Preservation (tick one)  Excellent  Good  Poor To  Destroyed

9. Summary of Pathological Conditions TRAUMA TO SACRUM (LEFT SIDE) AND LEFT OS COXA;  
NEW BONE FORMATION UPON HEAD OF LEFT FIBULA;  
POSSIBLY OF THE VERTEBRAL BODY OF C6; OSTEOPHYTES.

**10. Diagram of Bones Present 1**

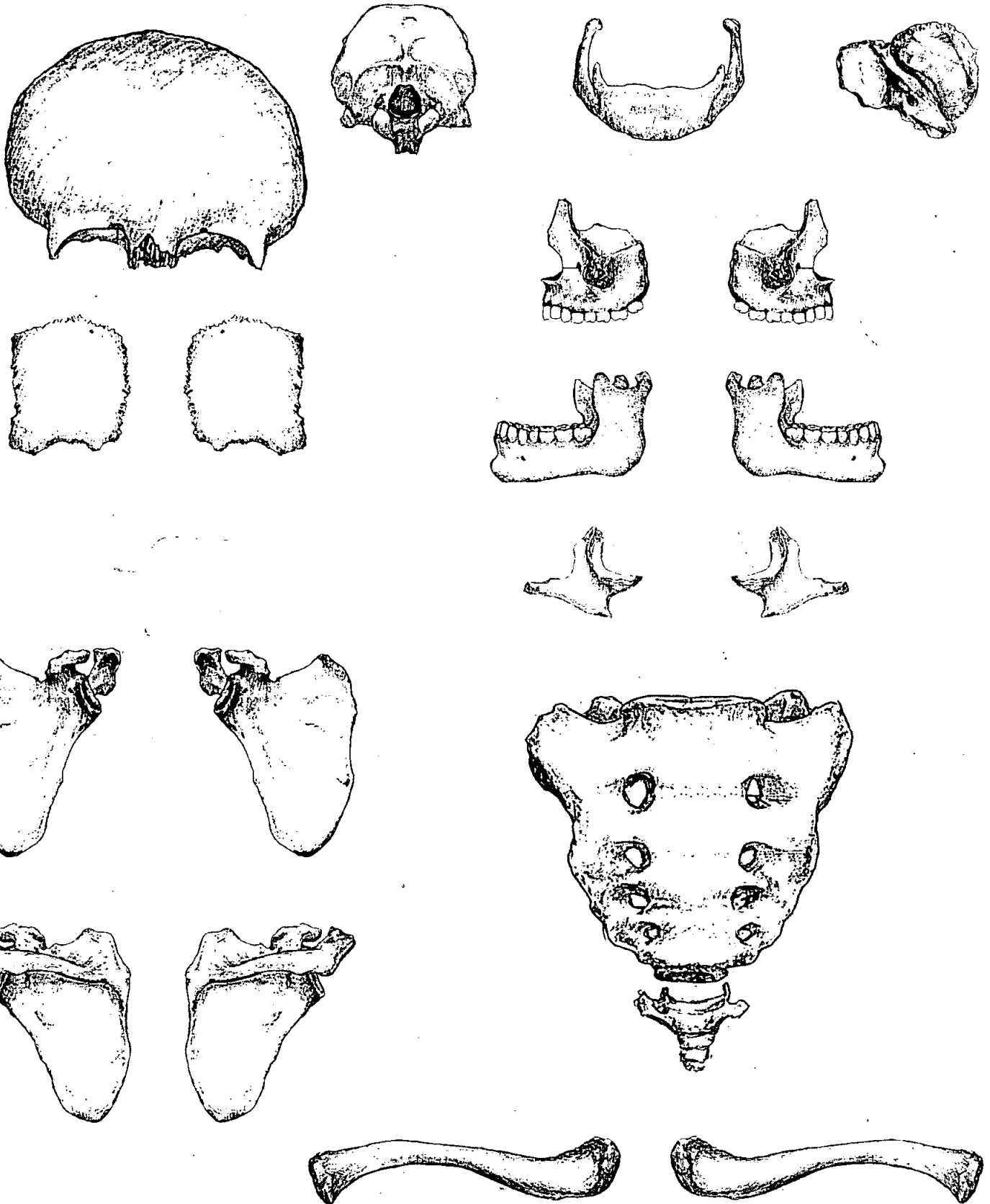


11. Diagram of Bones Present 2



12. Diagram of Bones Present 3

7



**Adult Age Estimation**

13. Epiphyseal Fusion

BOTH HUMERAL HEADS FUSED C.19-20 YEARS.  
(STERNAL ENDS OF CLAVICLES MISSING)

14. Dental Eruption and Development

NO Molar TEETH / RELEVANT AREA OF SKULL PRESERVED

15. Dental Attrition

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

RIGHT PUBIC SYMPHYSIS - STAGE II - C.49-73 YEARS

17. Sternal End of Ribs

RIBS TOO DAMAGED

18. Cranial Suture Closure

SKULL TOO FRAGMENTARY

19. Ilium Auricular Surface

LEFT ILIUM AURICULAR SURFACE PATHOLOGICAL; RIGHT NOT RECOVERED.

20. Degenerative Joint Disease

21. Comments

POSSIBLY AN ADULT IN THE AGE RANGE OF 49-73 YEARS BASED ON A POORLY PRESERVED RIGHT PUBIC SYMPHYSIS. NO OTHER EVIDENCE TO BACK-UP. THEREFORE, LISTED AS AN ADULT (18+ YEARS).

**Sexing**

Skull - CRANIUM / MANDIBLE TOO FRAGMENTARY TO ATTEMPT SEXING FROM.

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 OS COXAE TOO FRAGMENTARY/POORLY PRESERVED.

30. Subpubic Concavity " "

31. Ischio-Pubic Ramus " "

32. Ventral Arc " "

33. Preauricular Sulcus MALE

34. Obturator Foramen OS COXAE TOO FRAGMENTARY

35. Pelvic Brim MALE

36. Acetabulum MALE (LEFT OS COXAE); NOT RECOVERED ON RIGHT.

37. Ilium Auricular Surface PATHOLOGICAL ON LEFT; NOT PRESENT ON RIGHT

**Sacrum**

38. Segments TOO POORLY PRESERVED TO SEX FROM.

39. Morphology " "

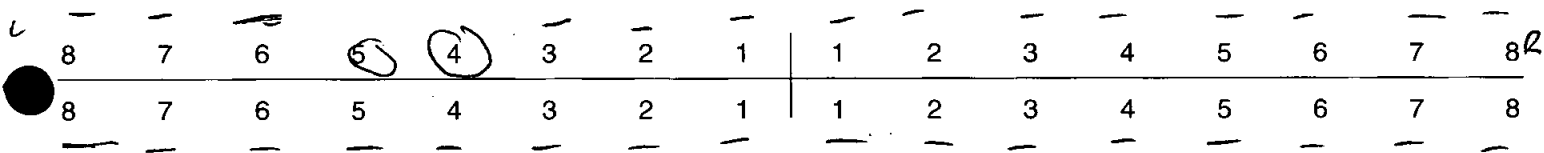
**Sternum**

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



41. Bite                       Overbite     Underbite     Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

Left

Right

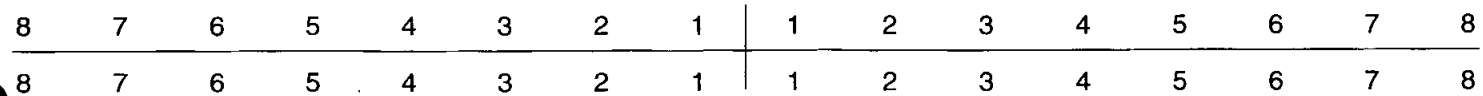
Left

Right



43. Dental Hyoplasia

P = Pit            L = Line            G = Groove



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 46	R 46
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L Incomplete	R 73
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L Incomplete	R Incomplete
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 22	R 21
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 25	R 26
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L Incomplete	R Incomplete

50. Cranial Non-metrics — NO CRANIAL NON-METRICS ATTEMPTED DUE TO THE FRAGMENTARY NATURE OF THE REMAINS —

- 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)

**51. Humerus**

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

**Scapula**

	unaided	left	right
supra-scapular foramen/notch		A	A
acromial articular facet		A	A

**Atlas**

	unaided	left	right
facet form <del>double</del> /single	✓		
lateral bridge	A		
posterior bridge	A		
transverse foramen biparite	A		

**Pelvis**

	unaided	left	right
accessory facets		A	Incomplete

**Sacrum**

	unaided	left	right
accessory facets	A		
spina bifida occulta	A		

**Femur**

	unaided	left	right
allen's fossa		A	A
polirier's facet		A	A
plaque		A	A
third trochanter		A	Incomplete
hypotrochanteric fossa		A	Incomplete
exostosis in trochanteric fossa		A	Incomplete

**Patella**

	unaided	left	right
vastus notch		A	Not present A
vastus fossa		A	* A *
emarginate patella		A	* A *

**Tibia**

	unaided	left	right
facet form double		A	A
facet form single		✓	✓

**Calcaneus**

	unaided	left	right
facet form double		✓	✓
facet form single		A	A

# Skeleton Recording Sheet (Adult)

53.

left

right

**Femur**

FeL1 Max. L	INCOMPLETE	INCOMPLETE
FeL2 Obl. L		
FeD1 A-P Subtroch DI	INCOMPLETE	INCOMPLETE
FeD2 M-L Subtroch DI	INCOMPLETE	INCOMPLETE
FeDs Max. DI Head	46	46
C Midshaft Circ.		
FeE1 Bicond Width	INCOMPLETE	73

**Tibia**

TiL1 Max. L	INCOMPLETE	351
TiB1 Bicond Width	INCOMPLETE	73
TiD1 A-P DI. Nut. For	INCOMPLETE	INCOMPLETE
TiD2 M-L DI. Nut. For	INCOMPLETE	INCOMPLETE

**Fibula**

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

**Humerus**

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

**Radius**

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

**Ulna**

UiL1 Max. L	244	INCOMPLETE
-------------	-----	------------

**Clavicle**

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

**Skeleton Recording Sheet (Adult)**

54.

left

right

**Scapula**

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

39
25

46
26

**Atlas** - Bone Incomplete.

Max. Internal width

<del> </del>
--------------

<del> </del>
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**Sternum** - Bone Not Recovered.

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

<del> </del>
<del> </del>

<del> </del>
<del> </del>

**Sacrum** - Bone Incomplete

SacL Max. L  
SacB Max. B

<del> </del>
<del> </del>

<del> </del>
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**Indices**

**Cranial**

Height/Length  
Height/Breadth

<del> </del>
<del> </del>

<del> </del>
<del> </del>

**Nasal**

Upper Facial  
Foramina *Nasal*  
Palatal  
Orbital  
Mean Porion Height

<del> </del>
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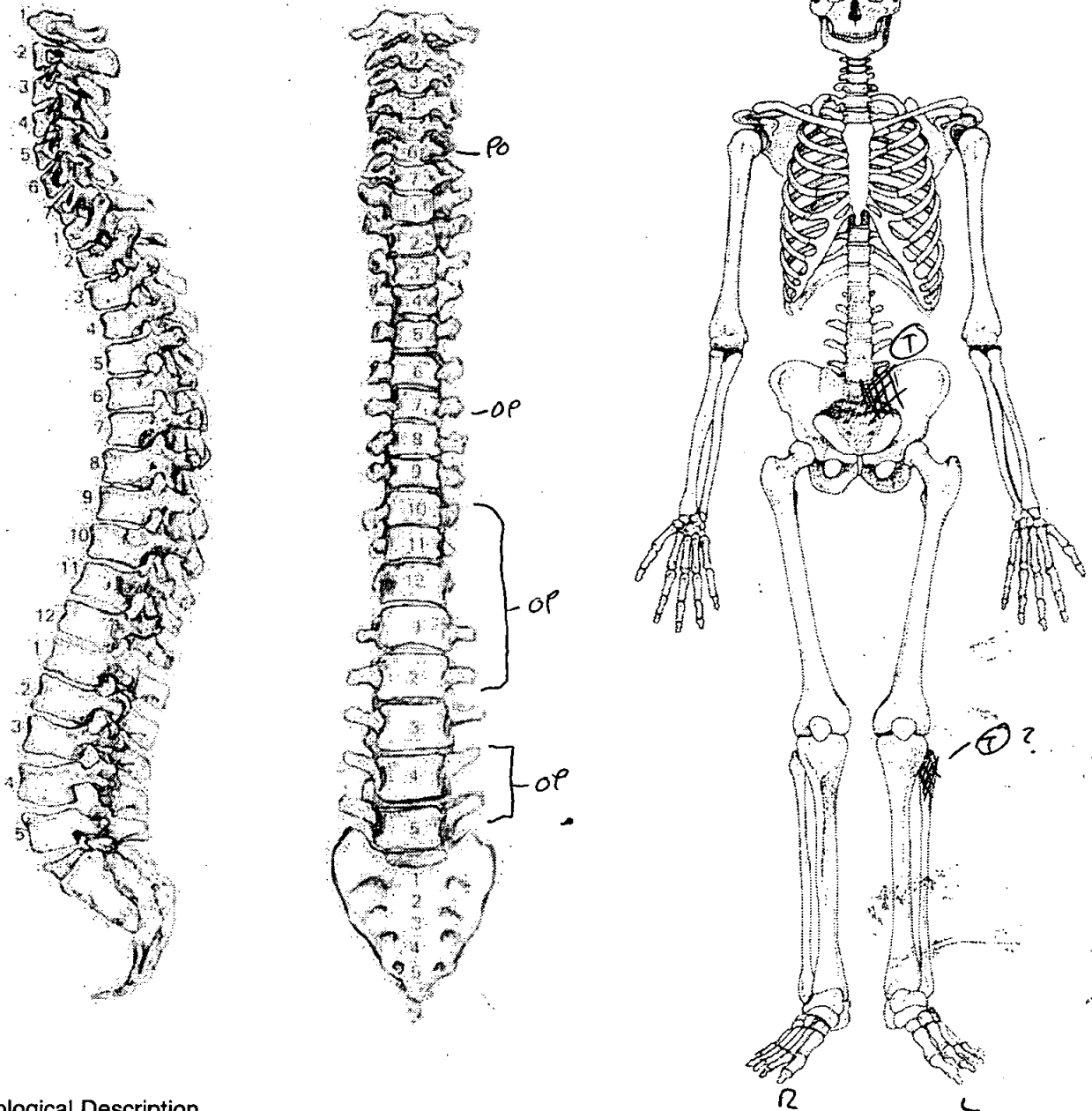
**Post Cranial**

Platymetric  
Platycnemic  
Radio-Humeral  
Robusticity

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55. Pathological Distribution



56. Pathological Description

TRAUMA - POSSIBLE DISLOCATION / FRACTURE IN THE LEFT AURICULAR SURFACE / SACRUM REGION. IT APPEARS THAT THE SACRUM AND OS COXA HAD FUSED TOGETHER AT A SLIGHTLY LOWER LEVEL THAN WOULD NORMALLY BE EXPECTED. NEW BONE FORMATION HAS OCCURRED ON THE ANTERIOR SURFACE OF THE AURICULAR SURFACE AND ANTERIORLY ON THE LEFT WING OF THE SACRUM.

\* THE TOP OF THE LEFT FIBULA (THE HEAD) DISPLAYS NEW BONE FORMATION ALL AROUND ITS ORIGINAL FORM. POSSIBLY ASSOCIATED WITH THE SACRUM / OS COXA TRAUMA?

CG - DISPLAYED POROSITY IN THE VERTEBRAL BODY

OSTEOPHYTES WERE NOTICED ON VARIOUS SURFACES OF THE VERTEBRAE.



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	PO								
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		OP			OP				OP	
T8	OP PO SN EB										
T9	OP PO SN EB										
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	OP	OP	OP	OP	OP	OP	OP
L2	OP PO SN EB			OP	OP	OP	OP	OP	OP	OP	OP
L3	OP PO SN EB			<del>OP</del>	OP						
L4	OP PO SN EB	OP									
L5	OP PO SN EB	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

\*NO CRANIAL METRICS UNDERTAKEN DUE TO FRAGMENTARY  
STATE OF SKULL.



**Adult Age Estimation**

- 13. Epiphyseal Fusion 29+
- 14. Dental Eruption and Development NO TEETH REMAINING.
- 15. Dental Attrition AS ABOVE.
- 16. Pubic Symphyses BONE MISSING
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀)

- 17. Sternal End of Ribs 33-46.
- 18. Cranial Suture Closure /
- 19. Ilium Auricular Surface 45-49.
- 20. Degenerative Joint Disease osteophytic tipping clearly visible on thoracic vert. also distal Right femur and left distal femur also.
- 21. Comments Manubrium fused to sternum.

**Sexing**

**Skull**

- 22. Supraorbital Ridges BONE DAMAGED.
- 23. Mastoid Processes ~~MALE~~ FEMALE?
- 24. Posterior Zygomatic Arch FEMALE.
- 25. Nuchal Crest/Occipital Protuberance NONE MISSING.
- 26. Anterior Mandible FEMALE / MALE.
- 27. Orbital Rims FEMALE.

**Pelvis**

28. Sciatic Notch

MALE.

29. Subpubic Angle

BONE MISSING.

30. Subpubic Concavity

BONE MISSING.

31. Ischio-Pubic Ramus

BONE MISSING.

32. Ventral Arc

BONE MISSING.

33. Preauricular Sulcus

MALE.

34. Obturator Foramen

BONE MISSING/DAMAGED.

35. Pelvic Brim

MALE.

36. Acetabulum

MALE.

37. Ilium Auricular Surface

FEMALE.

**Sacrum**

38. Segments

BONE TOO FRAGMENTARY TO ANALYSE.

39. Morphology



**Sternum**

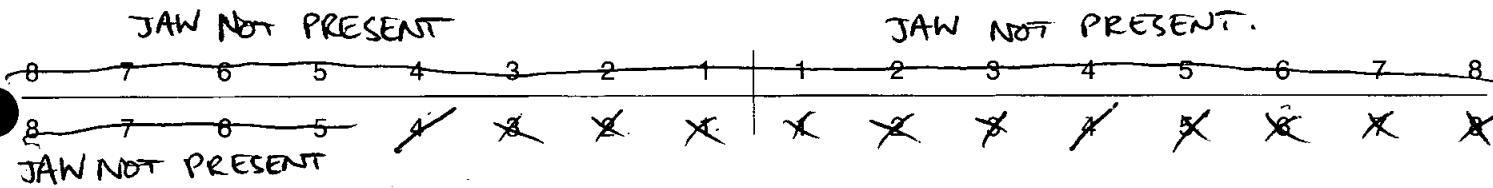
FUSED TO MANUBRIUM.

# Skeleton Recording Sheet (Adult)

**Dentition**

40. Permanent

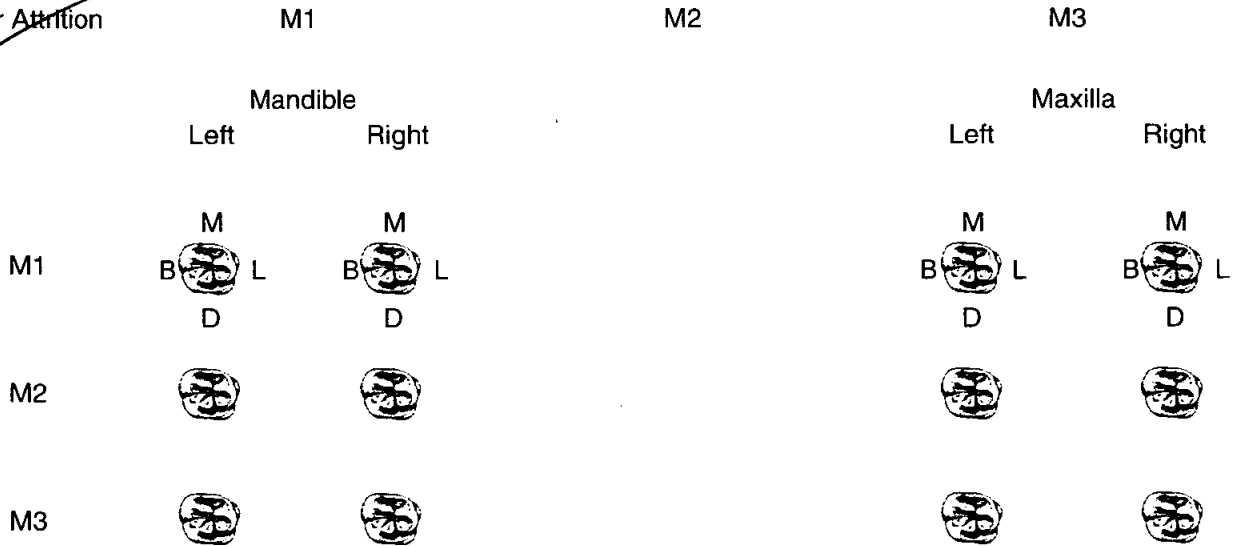
/ = Lost PM    X = Lost AM    B = Broken    C = Caries    A = Abscess    NP = Not Present  
 R = Root Only    U = Unerupted    E = Erupting    PE = Partial Eruption    PU = Pulp Exposed  
 - = Jaw Not Present



41. Bite

Overbite     Underbite     Edge to Edge

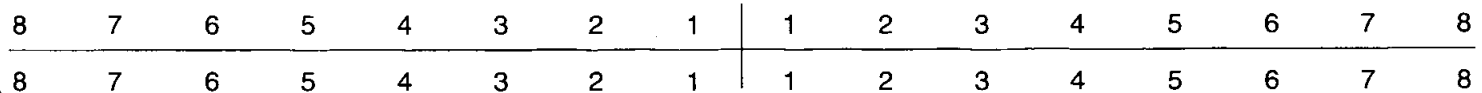
42. Molar Attrition



43. Dental Hyoplasia

NO TEETH REMAINING.

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

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 <del>45.6</del> 45.6	R <del>44.8</del> 44.8
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L <del>76</del> 76	R <del>76</del> DAMAGED
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 40.1	R 41.6
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 21	R 20.4
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 25.7	R 24.7
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 131	R DAMAGED.

A - Trait Absent NP - Bone not 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	TA
Access Infraorb. For	NP
Zygomat. Facial. For	NP
Frontal. For	NP
Foramen of Huschke	NP
Auditory Torus	TA (RIGHT) NP (LEFT)
Mandibular Torus	TA (RIGHT) NP (LEFT)
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	PRESENT (RIGHT) NP (LEFT)
Post. Ethmoid Foramen	NP
Anterior Condylar Canal	NP
	NP.



**Skeleton Recording Sheet (Adult)**

51. Humerus

	unaided	left	right
septal aperture		NEP A	A
supra-conyloid process		A	A

Scapula

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

Atlas

BONE NOT PRESENT

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

Pelvis

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

Sacrum

BONE DAMAGED.

accessory facets			
spina bifida occulta			

Femur

allen's fossa		NEP A	NEP A
polier's facet		NEP A	NEP A
plaque		NEP A	NEP 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

lateral Squinting facets.

facet form double		A	A
facet form single		A	A

medial Squinting facets.

Calcaneus

facet form double		PRESENT	PRESENT
facet form single		A	A

**Skeleton Recording Sheet (Adult)**

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)	DAMAGED	DAMAGED	
✗ Max. Cranial Breadth (B)	DAMAGED	DAMAGED	
✗ Min. Frontal Breadth (B')	DAMAGED	DAMAGED	
✗ Basion Bregma height (H')	DAMAGED	DAMAGED	
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
✗ Upper Facial Height (G'M)	DAMAGED	DAMAGED	
Bimaxillary Breadth (GB)			
✗ Bizygomatic Breadth (J)	DAMAGED	DAMAGED	
✗ Nasal Height (NH')	DAMAGED	DAMAGED	
✗ Nasal Breadth (NB)	DAMAGED	DAMAGED	
Sup. Nasal Breadth (NB')			
✗ Palatal Length (G'1)			
✗ Palatal Breadth (G'2)	NP	NP	
Frontal Arc (S1)	NP	NP	
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	NP	25	
Condyle Length CYL			
✗ Bicondylar Breadth WI	DAMAGED	DAMAGED	
Foramen Ment. Breadth ZZ			
✗ Symphyseal Height HI			25.2
Mandibular Angle MZ			
✗ Bigonial Breadth OoGo	DAMAGED	DAMAGED	
✗ Max. Mandibular Length			101

53.

left (mm)

right (mm)

**Femur**

FeL1 Max. L	437	432
FeL2 Obl. L		
FeD1 A-P Subtroch DI	32.7	34.5
FeD2 M-L Subtroch DI	32.3	32.1
FeDs Max. DI Head	45.6	44.8
<del>HC Midshaft Circ.</del>		
FeE1 Bicond Width		DAMAGED

**Tibia**

TiL1 Max. L	35.8	DAMAGED
TiB1 Bicond Width	72	DAMAGED
TiD1 A-P DI. Nut. For	31.3	34.2
TiD2 M-L DI. Nut. For	28.6	26.4

**Fibula**

FiL1 Max. L	MISSING BONE.	34.9
-------------	---------------	------

**Humerus**

HuL1 Max. L	319	327
HuD5 Max. DI Head	40.1	41.6
<del>HC Midshaft Circ.</del>		

**Radius**

RaL1 Max. L	218	DAMAGED
-------------	-----	---------

**Ulna**

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

**Clavicle**

CiL1 Max. L	131	DAMAGED
-------------	-----	---------

**Skeleton Recording Sheet  
(Adult)**

54.

left

right

**Scapula**

GC2 Glen. Cav. L

35.0

35.1

GC2 Glen. Cav. B

25.7

24.7

**Atlas**

Max. Internal width

MISSING

**Sternum**

SL Max. L. Body

ML max. L. Manbrium

FUSED TOGETHER + DAMAGED.

**Sacrum**

SacL Max. L

SacB Max. B

BASE FRAGMENTED.

**Indices**

**Cranial**

Height/Length

—

Height/Breadth

—

CRANIUM FRAGMENTED  
+ MUCH MISSING.

**Nasal**

Upper Facial

—

Foraminal

—

Palatal

—

Orbital

—

Mean Porion Height

~

**Post Cranial**

Platylmeric

101.23

101.23

107.47

Platycnemic

91.37

100.44

77.19

Radio-Humeral

68.33

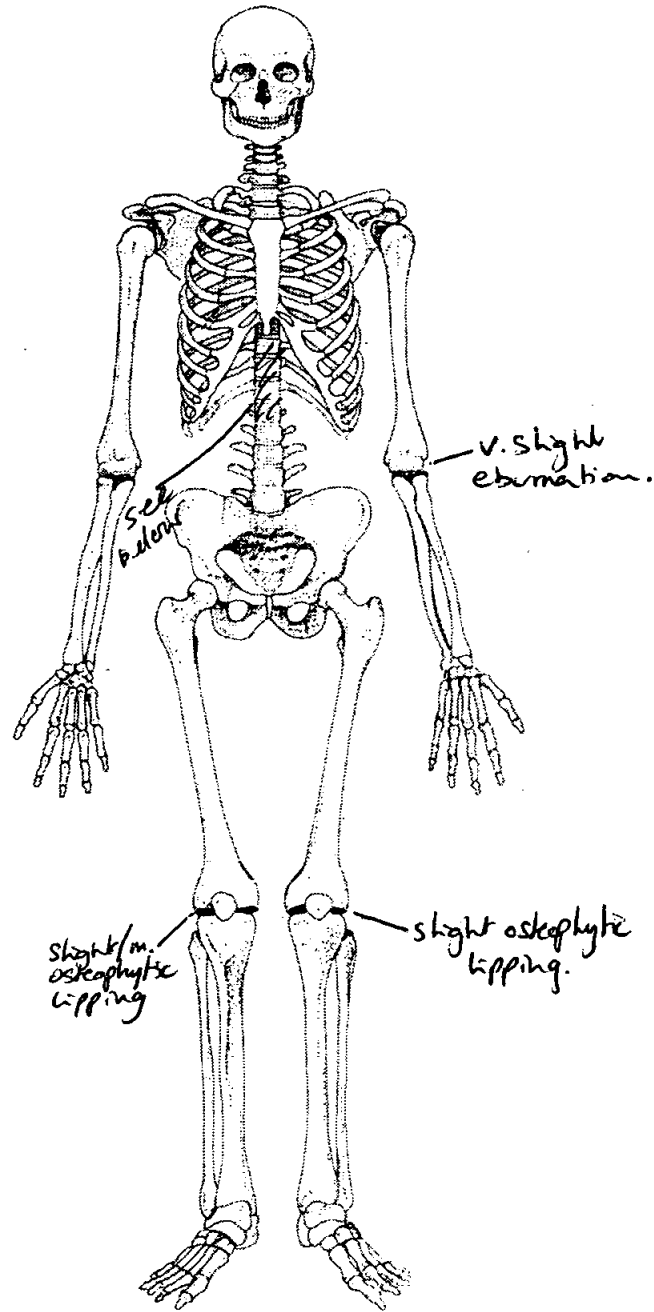
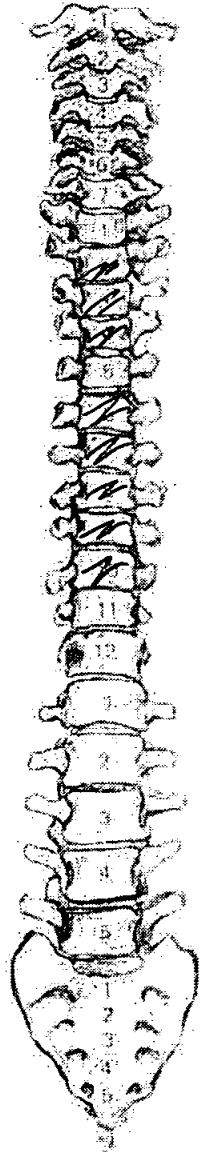
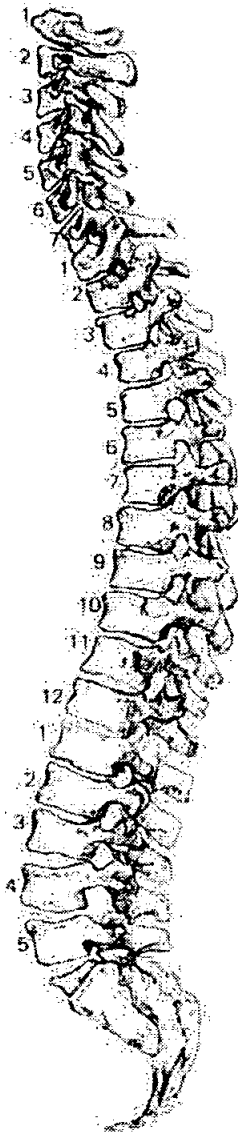
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Robusticity

~

~

55. Pathological Distribution



56. Pathological Description

v. slight eburnation on lateral side of ~~R~~ L. distal humerus at joint with radius, on articulating surface. Both femurs show osteophytes on distal joint surfaces, slight on left, slight-medium on right.

SJD is present as osteophytes on T2, 3, 4, 6, 7, 8, 9, 10

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	DAMAGED BODY									
T2	OP PO SN EB	OP									
T3	OP PO SN EB	OP	OP								
T4	OP PO SN EB	OP	OP								
T5	OP PO SN EB	DAMAGED BODY									
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									
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 ∞

2. Date of Record 25 01 01

3. Period P-M

4. Skeleton Number 656 5. Age 50-60

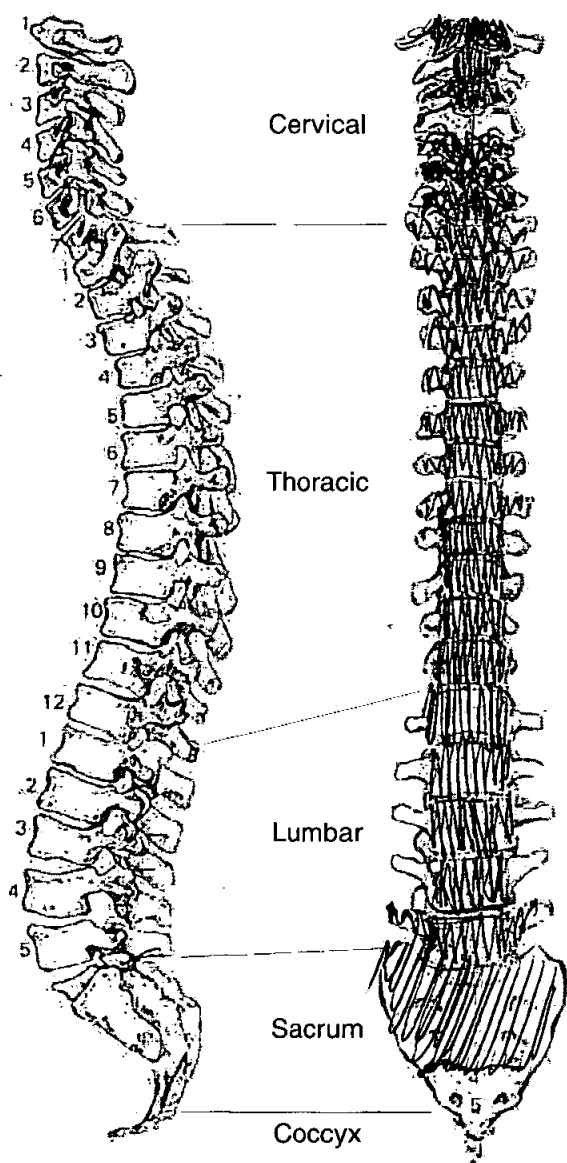
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 156.48 ± 3.55 cm

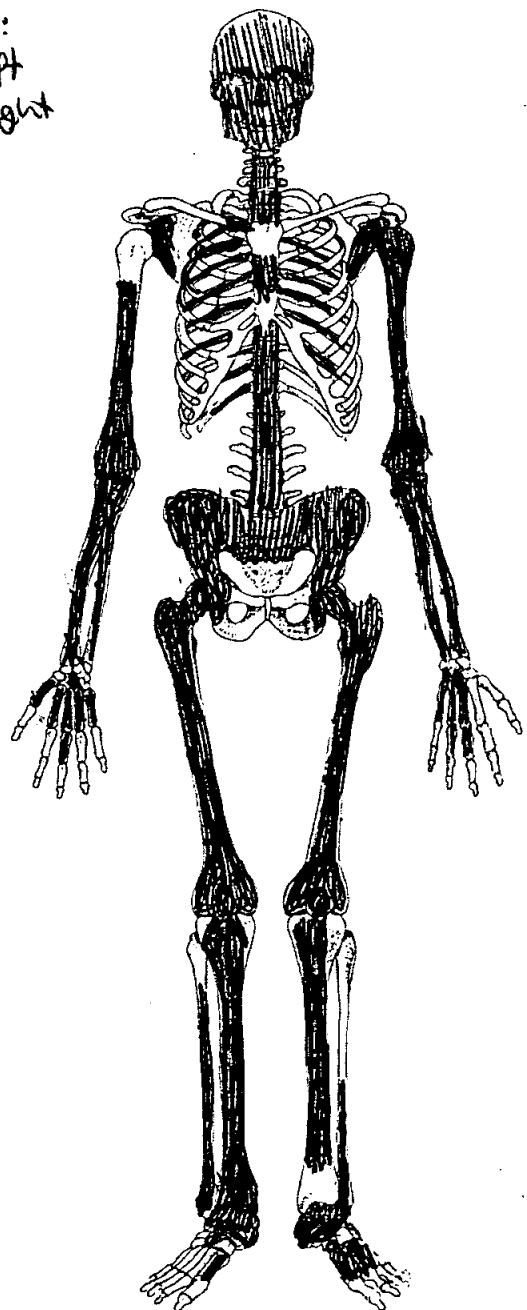
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed  
*But very dirty*

9. Summary of Pathological Conditions  
Spinal OA - Lumbar + SDD  
Knees: DJD, Sacroiliac joint - DJD  
OA - R ME + R MC

10. Diagram of Bones Present 1



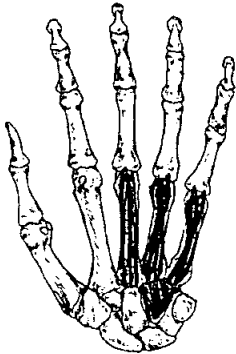
Ribs:  
9 - Left  
9 - Right



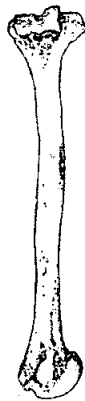
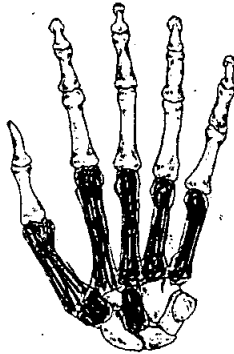


11. Diagram of Bones Present 2

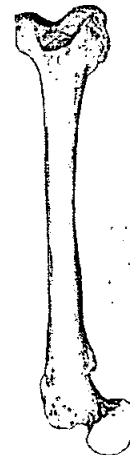
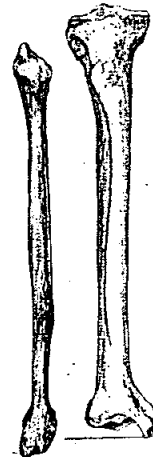
L



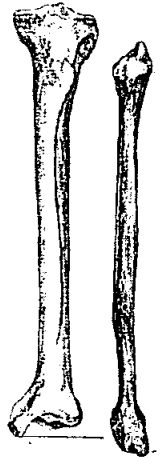
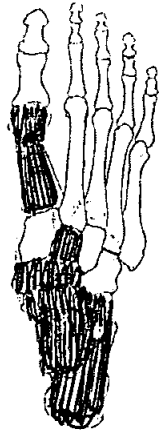
R



L



R



**Pelvis**

28. Sciatic Notch

F

29. Subpubic Angle

|

30. Subpubic Concavity

|

31. Ischio-Pubic Ramus

|

32. Ventral Arc

)]

33. Preauricular Sulcus

F

34. Obturator Foramen

|

35. Pelvic Brim

F

36. Acetabulum

M?

37. Ilium Auricular Surface

F

**Sacrum**

38. Segments

F

39. Morphology

|

**Sternum**

**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

19. Ilium Auricular Surface

50-60

20. Degenerative Joint Disease

21. Comments

Osteophyte on verts

**Sexing**

**Skull**

22. Supraorbital Ridges

F

23. Mastoid Processes

F

24. Posterior Zygomatic Arch

F

25. Nuchal Crest/Occipital Protuberance

|

26. Anterior Mandible

F

27. Orbital Rims

F

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

	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>
	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>

45. Periodontal Disease (Brothwell 1981)

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

~~CD~~  
 - Mandible Pm<sub>2</sub>

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 43.54	R 43.4
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R —
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 40.5	R —
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 20.8	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 (bone too dirty) R = Right L = Left B = Both Sides

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

Skeleton Recording Sheet  
(Adult)

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

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 <del>double</del> /single		P	P
lateral bridge		A	NP
posterior bridge		A	NP
transverse foramen biparite		A	NP

Pelvis

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

Sacrum

accessory facets		A	P
spina bifida occulta		A	A

Femur

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

Patella

vastus notch		NO	NO
vastus fossa		NO	NO
emarginate patella		NO	NO

Tibia

facet form double		NP	A
facet form single		NP	A

Calcaneus

facet form double		P	P
facet form single		A	A

OLR 656

**Skeleton Recording Sheet (Adult)**

52.

left (mm) right unsided

**Cranial and Facial Metrics**

Porion Bregma Height	—	—	—
Orbital Breadth (O'1)	32.26	31.3	
Orbital Length (O'2)	39.40	37.9	
Basion-Asterion Chord (O91)	—	—	
Malar Height (MH)	—	—	
Max. Cranial Length (L)			<del>135</del> NP
Max. Cranial Breadth (B)			135
Min. Frontal Breadth (B')			95
Basion Bregma height (H')			119
Basion-Nasal Length (LB)	—	—	
Basion-Alveolare (GL)	—	—	
Upper Facial Height (G'M)			63.3
Bimaxillary Breadth (GB)	—	—	
Bizygomatic Breadth (J)		—	x 98
Nasal Height (NH')			47.9
Nasal Breadth (NB)			22.6
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			x 47.96
Palatal Breadth (G'2)			x 29.8
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			108
Foramen Ment. Breadth ZZ			
x Symphyseal Height HI			23.2
Mandibular Angle MZ			
x Bigonial Breadth OoGo			90
x Max. Mandibular Length			75

# Skeleton Recording Sheet (Adult)

53.

left (mm) right

### Femur

FeL1 Max. L	423	420
FeL2 Obl. L	—	—
FeD1 A-P Subtroch DI	29.4	29.4
FeD2 M-L Subtroch DI	27.2	27.1
FeDs Max. DI Head	43.54	43.4
C Midshaft Circ.	—	—
FeEI Bicond Width	—	—

### Tibia

TiL1 Max. L	—	323
TiB1 Bicond Width	—	—
TiD1 A-P DI. Nut. For	29.7	<del>29.7</del> 30.2
TiD2 M-L DI. Nut. For	22.3	23.8

### Fibula

FIL1 Max. L	—	—
-------------	---	---

### Humerus

HuL1 Max. L	283	—
HuD5 Max. DI Head	40.5	—
HC Midshaft Circ	—	—

### Radius

RaL1 Max. L	225	—
-------------	-----	---

### Ulna

UIL1 Max. L	—	219
-------------	---	-----

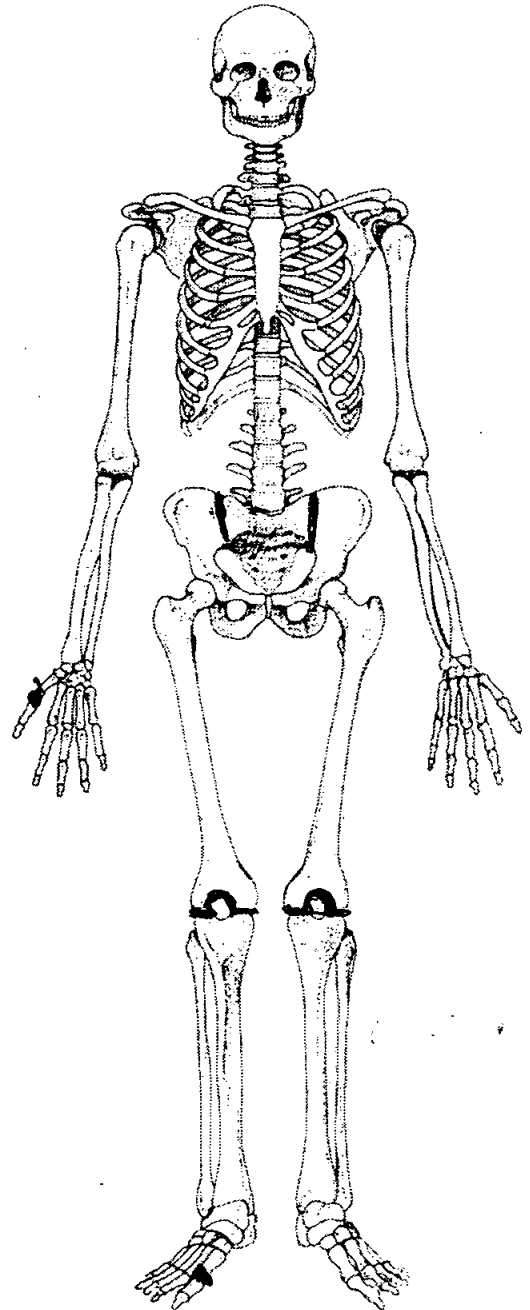
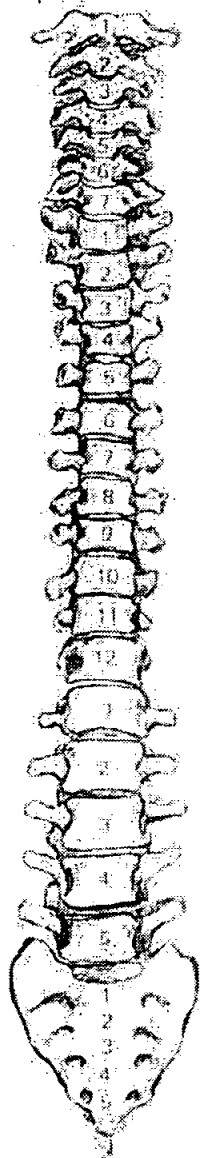
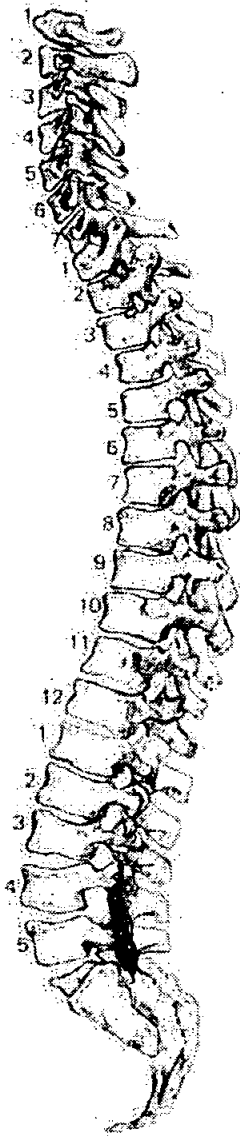
### Clavicle

CIL1 Max. L	—	—
-------------	---	---





55. Pathological Distribution



56. Pathological Description

- \* head of right 1st MC - Area of eburnation placed superior-medially. Sign of Osteoarthritis
- \* Right head of 1st Metatarsal. Area of eburnation & pitting situated at the articulation for the sesamoid (infero-distally). Osteoarthritis
- \* Lipping & pitting @ inf. edge of auricular surface; Degenerative
- \* Inferior articular surfaces of L4 & sup of L5, Right inf. surface of L5, right articular surface of Sacrum = All pitted & eburnated OA of lower spine
- \* Lipping of the femoral condyles - bilateral & new bone deposits on the condylar surfaces. - Degenerative joint disease

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	<del>✓</del>	<del>✓</del>								
C6	OP PO SN EB	✓	✓								
C7	OP PO SN EB	✓	✓								
T1	OP PO SN EB					✓-PO	✓-PO				
T2	OP PO SN EB	✓-OP									
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	✓	✓			✓-PO	✓-PO				✓-PO
T12	OP PO SN EB	✓	✓				✓-PO				✓-PO
L1	OP PO SN EB	✓	✓								
L2	OP PO SN EB	✓	✓								
L3	OP PO SN EB	✓	✓								
L4	OP PO SN EB	✓	✓		✓-OP ✓-PO ✓-EB				✓-OP ✓-PO ✓-EB		
L5	OP PO SN EB	✓	✓		✓-OP ✓-PO ✓-EB				OP PO EB		

# Skeleton Recording Sheet (Adult)

1. Site Name OLR 00

2. Date of Record 08 02 01

3. Period P-M

4. Skeleton Number 657 5. Age 45-55

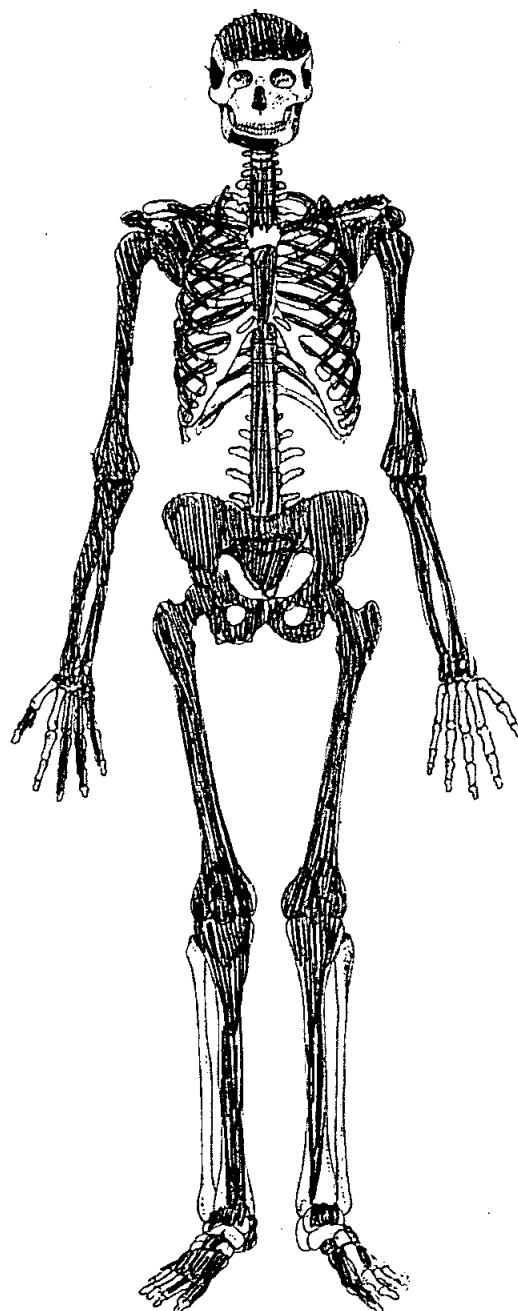
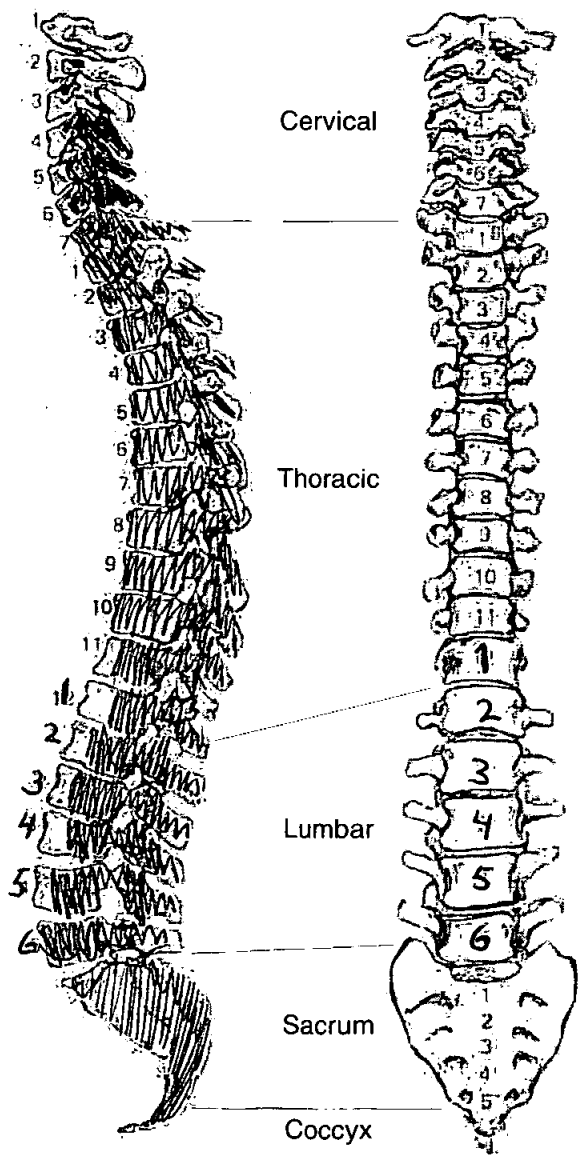
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 171.84 ± 3.27 cm

8. Preservation (tick one)  Excellent  Good  Fair  Poor  Destroyed

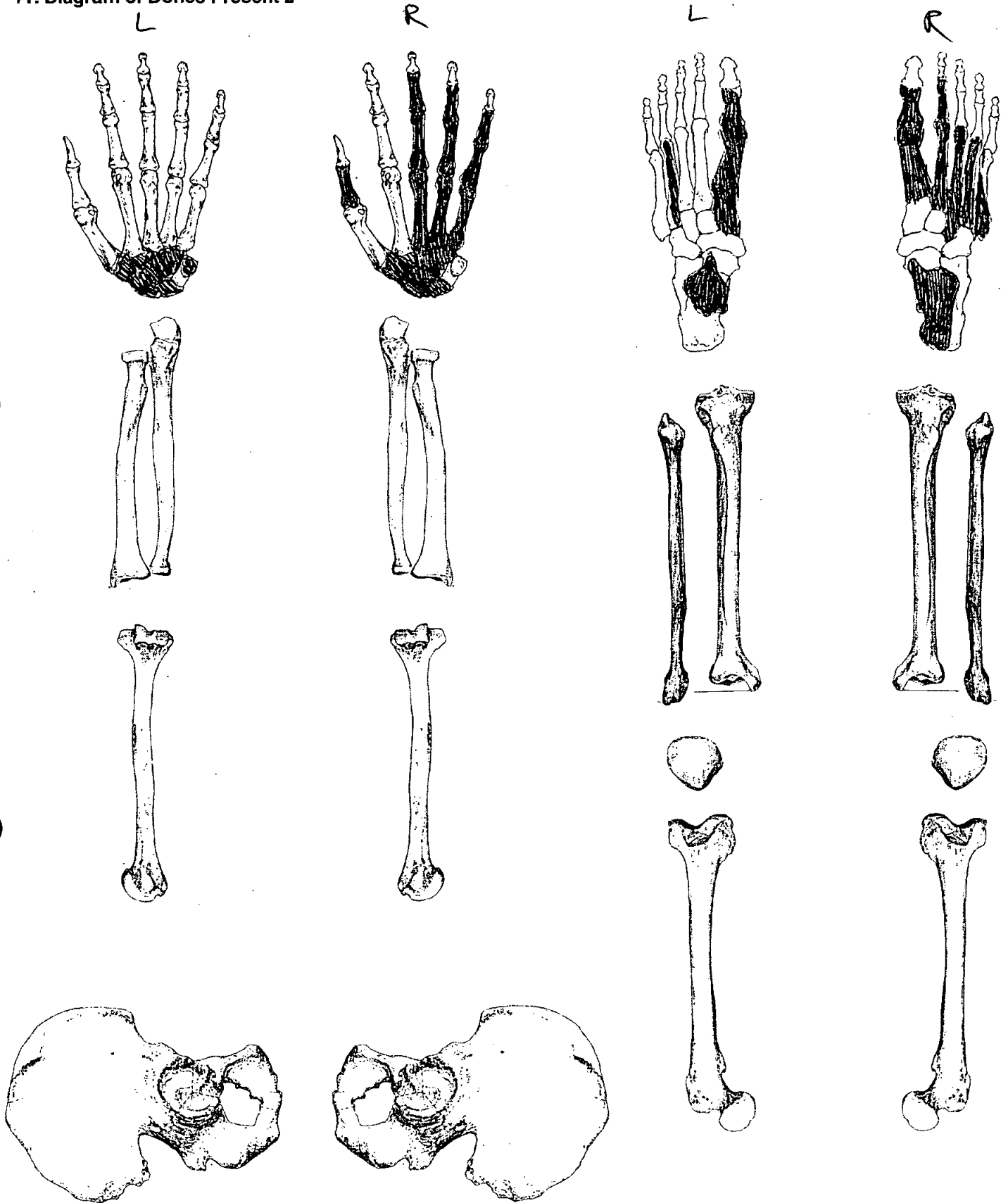
9. Summary of Pathological Conditions Degenerative joint disease of the acromioclavicular joints, left knee & spine. Osteoarthritis of right knee, right DIP joint of 1st digit & T10+11 costal facets & transverse processes. Nonspecific infection or TB??? = New bone formation on the ribs, was healed.

10. Diagram of Bones Present 1



Normal variation:  
 11 thoracic, 6 lumbers &  
 11 Right, 11 Left ribs.

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: 45.6 years old

17. Sternal End of Ribs

♂ Phase 6: 44-55

18. Cranial Suture Closure

19. Ilium Auricular Surface

45-55

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

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

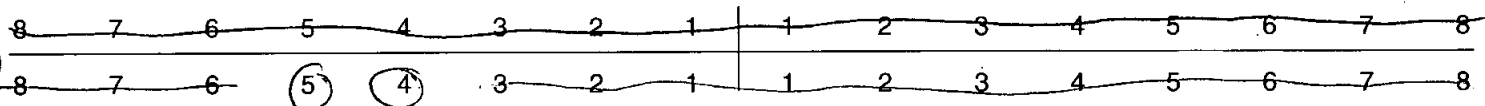
M

**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



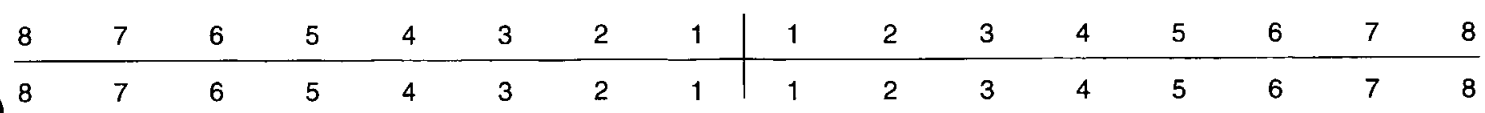
Loose teeth  
 Part of mandible present but alveolar margin eroded so no sockets present.

41. Bite     Overbite     Underbite     Edge to Edge

42. Molar Attrition	Mandible				Maxilla			
	Left		Right		Left		Right	
	M	D	M	D	M	D	M	D
M1	B	L	B	L	B	L	B	L
M2								
M3								

43. Dental Hyoplasia

P = Pit    L = Line    G = Groove





49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 47.5	R 47.82
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R 82.70
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 45.2	R 44.2
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 23.2	R 23.9
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 27.7	R 27.6
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 154, 22	R

50. Cranial Non-metrics

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

OLR06

# Skeleton Recording Sheet (Adult)

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		NP	NP
lateral bridge		NP	NP
posterior bridge		NP	NP
transverse foramen biparite		NP	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		A	A
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostois in trochanteric fossa		P	P

## Patella

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

## Tibia

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

## Calcaneus

facet form double		NP	NP
facet form single		NP	NP

**Skeleton Recording Sheet (Adult)**

53.

left

right

**Femur**

FeL1 Max. L	464	464
FeL2 Obl. L		
FeD1 A-P Subtroch DI	32.0	32.2
FeD2 M-L Subtroch DI	34.02	33.6
FeDs Max. DI Head	47.5	47.82
C Midshaft Circ.		
FeEI Bicond Width	—	82.7

**Tibia**

TiL1 Max. L	—	—
TiB1 Bicond Width	—	76.5
TiD1 A-P DI. Nut. For	—	—
TiD2 M-L DI. Nut. For	29.5	29.9

**Fibula**

Fil1 Max. L		
-------------	--	--

**Humerus**

HuL1 Max. L	328	333
HuD5 Max. DI Head	45.2	44.2
HC Midshaft Circ		

**Radius**

RaL1 Max. L	236	232
-------------	-----	-----

**Ulna**

UiL1 Max. L	252	255
-------------	-----	-----

**Clavicle**

CiL1 Max. L	154.22	—
-------------	--------	---

54.

left

right

**Scapula**

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

36.70  
27.7

36.86  
27.6

**Atlas**

Max. Internal width

—

—

**Sternum**

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

—  
—

111.56

—  
—

**Sacrum**

SacL Max. L  
SacB Max. B

—  
—

105  
112.6

—  
—

**Indices**

**Cranial**

Height/Length  
Height/Breadth

—  
—

—  
—

—  
—

**Nasal**

Upper Facial  
Foramina <sup>N</sup> nasal  
Palatal  
Orbital  
Mean Porion Height

—  
—  
—  
—  
—

—  
—  
—  
—  
X

—  
—  
—  
—  
—

**Post Cranial**

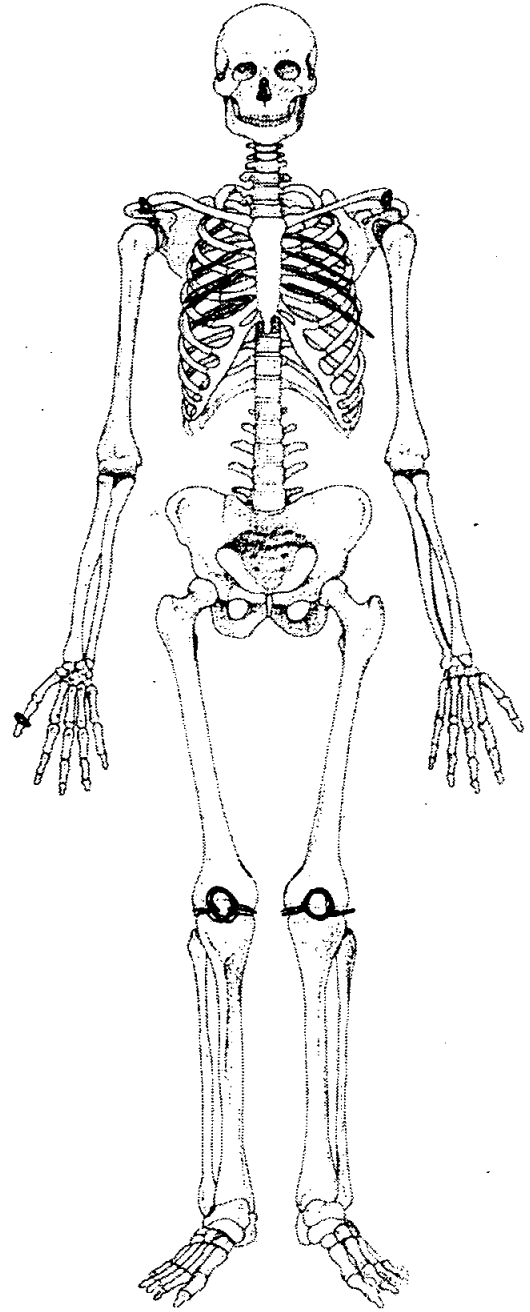
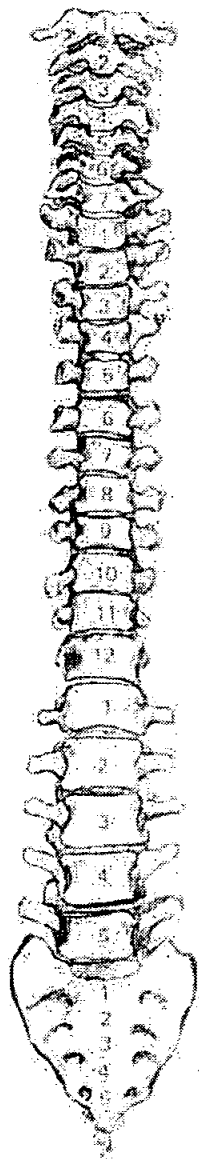
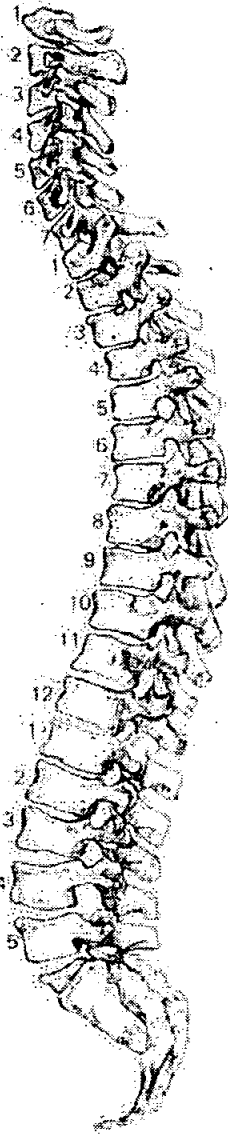
Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

94.06  
—  
71.95  
—

~~94.06~~  
95.83

95.83  
—  
69.67  
—

55. Pathological Distribution



56. Pathological Description

- \* Left & right acromioclavicular joint: Articulating surfaces are very porous = Degenerative joint disease.
- \* 4 left & 3 right ribs from the middle of the rib cage has new bone formation on the visceral surface of the ribs. The lesions are healed = Non-specific infection or TB?
- \* Right distal interphalangeal joint of the 1st digit: Eburnation & slight osteophyte formation = Osteoarthritis.
- \* Left distal femur: Osteophyte formation <sup>(SUBT)</sup> around the margin of the condyles & patellar surface. A small area of porosity & deposits of new bone present on the lateral side of the patellar surface = Degenerative joint disease.
- \* Right distal femur & patella: Moderate osteophyte formation around the margin of the condyles & patellar surface, areas of gross porosity & eburnation on the lateral side of the patellar surface. The patella is also eburnated & porous on the lateral surface with new bone formations @ the margins. Tibia articular surfaces also slightly lipped = Osteoarthritis.

x = bone not present

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

		S.B	L.B	LSP	LIP	LTP	LCF	RSP	RIP	RTC	RCF
		1	2	3	4	5	6	7	8	9	10
<del>X</del>	OP PO SN EB										
<del>X</del>	OP PO SN EB										
<del>X</del>	OP PO SN EB										
C4	OP PO SN EB	X	X								
C5	OP PO SN EB	X	X								
C6	OP PO SN EB			X				X			
C7	OP PO SN EB	PO OP			OP				OP		
T1	OP PO SN EB			OP			PO	OP	OP		PO
T2	OP PO SN EB	PO	PO OP			X					
T3	OP PO SN EB	PO OP	PO OP			X	PO			<del>PO</del> X	PO <del>PO</del>
T4	OP PO SN EB	PO OP	PO OP			X	PO			<del>PO</del> X	PO
T5	OP PO SN EB	OP	OP SN			X	PO			X	PO
T6	OP PO SN EB	OP SN	OP SN					OP			
T7	OP PO SN EB	SU OP	SN OP				PO				
T8	OP PO SN EB	SN OP	SN OP			X				X	PO
T9	OP PO SN EB	SN	SN GP		OP	OP				OP	
T10	OP PO SN EB	SN	SN		P	OP PO EB	PO			PO OP EB	PO
T11	OP PO SN EB	SN				X	PO OP EB			X	PO OP
L1 <del>L1</del>	OP PO SN EB										
L2	OP PO SN EB			OP	OP			GP	OP		
L3	OP PO SN EB			OP	OP			OP	OP		
L4	OP PO SN EB			OP	OP			OP	OP		
L5	OP PO SN EB			OP	OP			OP	OP		
L6	OP PO SN EB			OP	OP			OP	OP		

osteophytes are slight on all vertebral bodies

1. Site Name OLR 00

2. Date of Record 

9	11	00
---	----	----

3. Period NAMES

4. Skeleton Number 

6	9	6					
---	---	---	--	--	--	--	--

 5. Age 

A	D
---	---

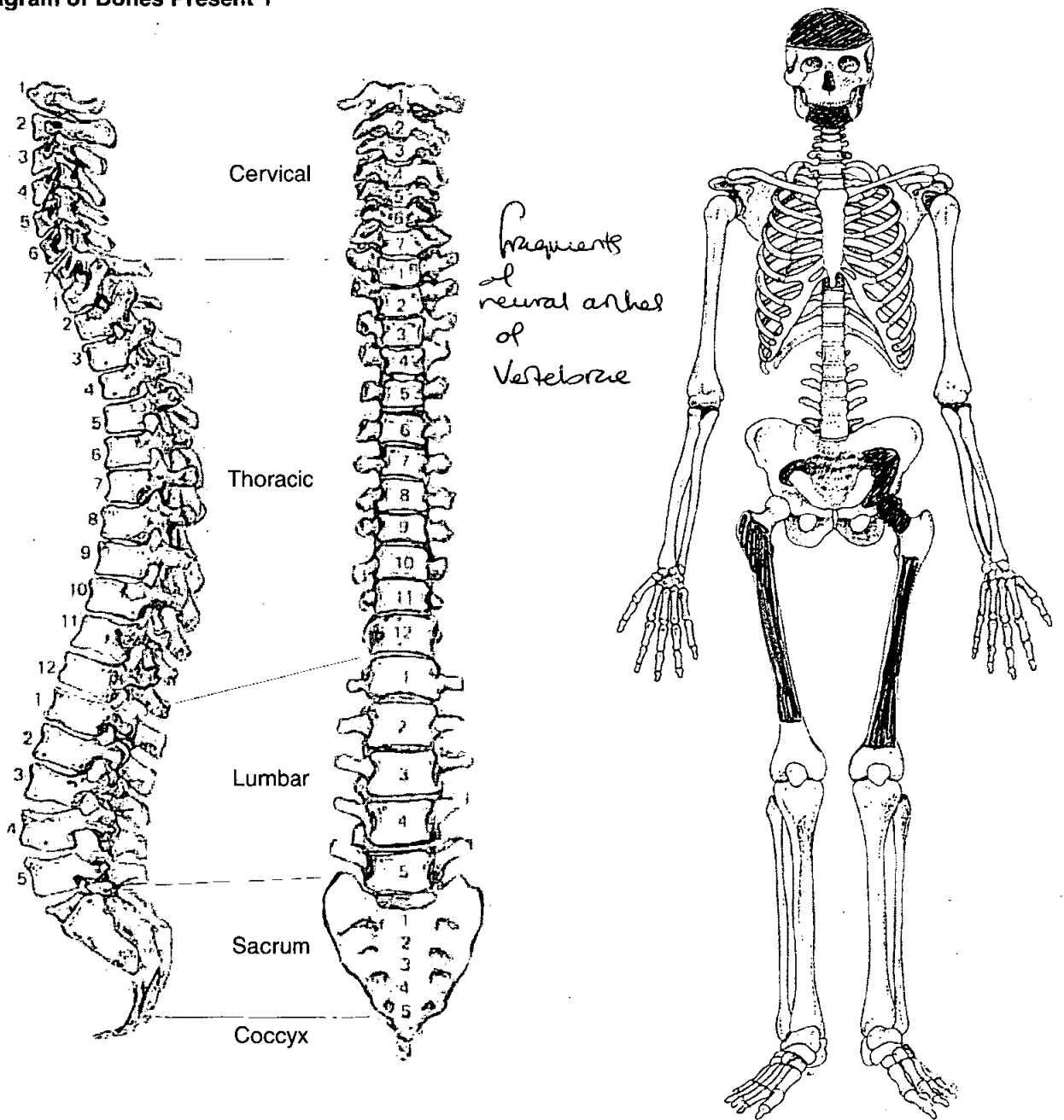
6. Sex (tick one)  Male  Female  Unidentified

7. Stature Not possible

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions None observed

**10. Diagram of Bones Present 1**



**Adult Age Estimation**

- 13. Epiphyseal Fusion ..... 20<sup>+</sup>
- 14. Dental Eruption and Development ..... 18<sup>+</sup>
- 15. Dental Attrition ..... No Surviving Teeth
- 16. Pubic Symphyses ..... NP  
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 ..... NP
- 20. Degenerative Joint Disease ..... Not observed
- 21. Comments

**Sexing**

**Skull**

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



**Pelvis**

28. Sciatic Notch

Male

29. Subpubic Angle

NP

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**

38. Segments

NP

39. Morphology

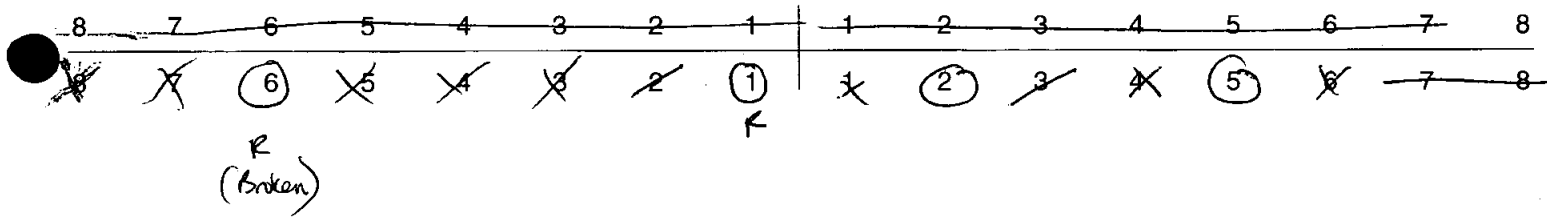
**Sternum**

# Skeleton Recording Sheet (Adult)

## 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

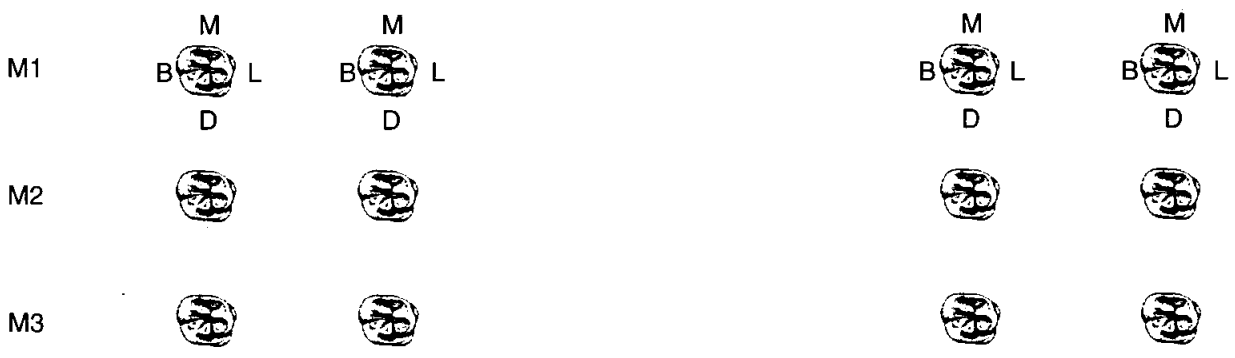
Maxilla

Left

Right

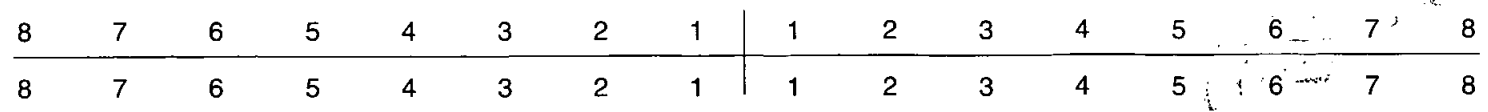
Left

Right



43. Dental Hyoplasia

P = Pit    L = Line    G = Groove



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)

None Visible

- 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 —	R 51.1
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	NP
Ossicle at Lambda	A
Bregmatic Bone	A
Access. Lesser Pal. For	NP
Palatine Torus	NP
Metopism	A
Lambdoid Ossicle	NP
Coronal Ossicle	A
Epipterice Bone	NP
Ossicle at Asterion	
Parietal Notch Bone	
Fronto-temporo Articulation	
Parietal Foramen	
Access Infraorb. For	
Zygomat. Facial. For	
Frontal. For	
Foramen of Huschke	
Auditory Torus	A
Mandibular Torus	A
Torus Maxillares	NP
Precondylar Tubercle	
Foramen Ovale	
Supra-Orbital Foramen	
Postcondylar facet	
Foramen Spinosum	
Posterior Cond. Canal	
Condylar Facet	
Mastoid Foramen	NP
Ant. Ethmoid Foramen	
Post. Ethmoid Foramen	
Anterior Condylar Canal	

# Skeleton Recording Sheet (Adult)

51. Humerus

unsided      left      right

septal aperture		NP	NP
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			
------------------	--	--	--

Sacrum

accessory facets			
spina bifida occulta		↓	↓

Femur

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

Patella

vastus notch		NP	NP
vastus fossa			
emarginate patella			

Tibia

facet form double			
facet form single			

Calcaneus

facet form double			
facet form single		↓	↓

OLR 696

# Skeleton Recording Sheet (Adult)

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)			
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			373
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			

**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	30	31
FeD2 M-L Subtroch DI	35.3	36.9
FeDs Max. DI Head	<input type="text"/>	<input type="text"/>
C Midshaft Circ.	<input type="text"/>	<input type="text"/>
FeE1 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"/>	<input type="text"/>
TiD2 M-L DI. Nut. For	<input type="text"/>	<input type="text"/>

**Fibula**

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

**Ulna**

UIL1 Max. L	<input type="text"/>	<input type="text"/>
-------------	----------------------	----------------------

**Clavicle**

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

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  
Palatal  
Orbital  
Mean Porion Height


—  
—  
—  
—  
~


**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

85
—
—

84
—
—





697

1. Site Name OLK 00

2. Date of Record 26 1 1

3. Period \_\_\_\_\_

4. Skeleton Number 697 5. Age 50+

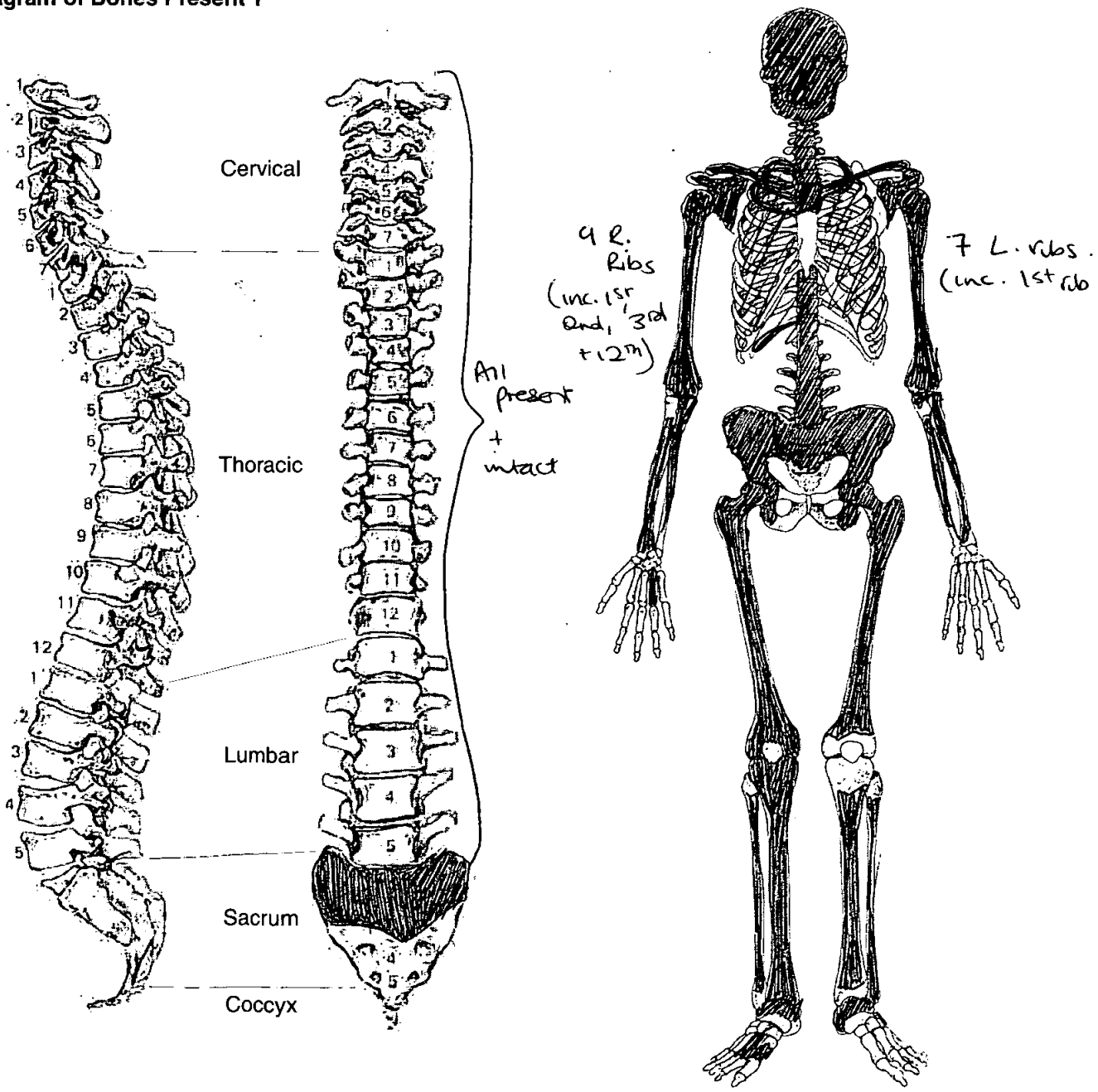
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 160.8 ± 3.72 cm

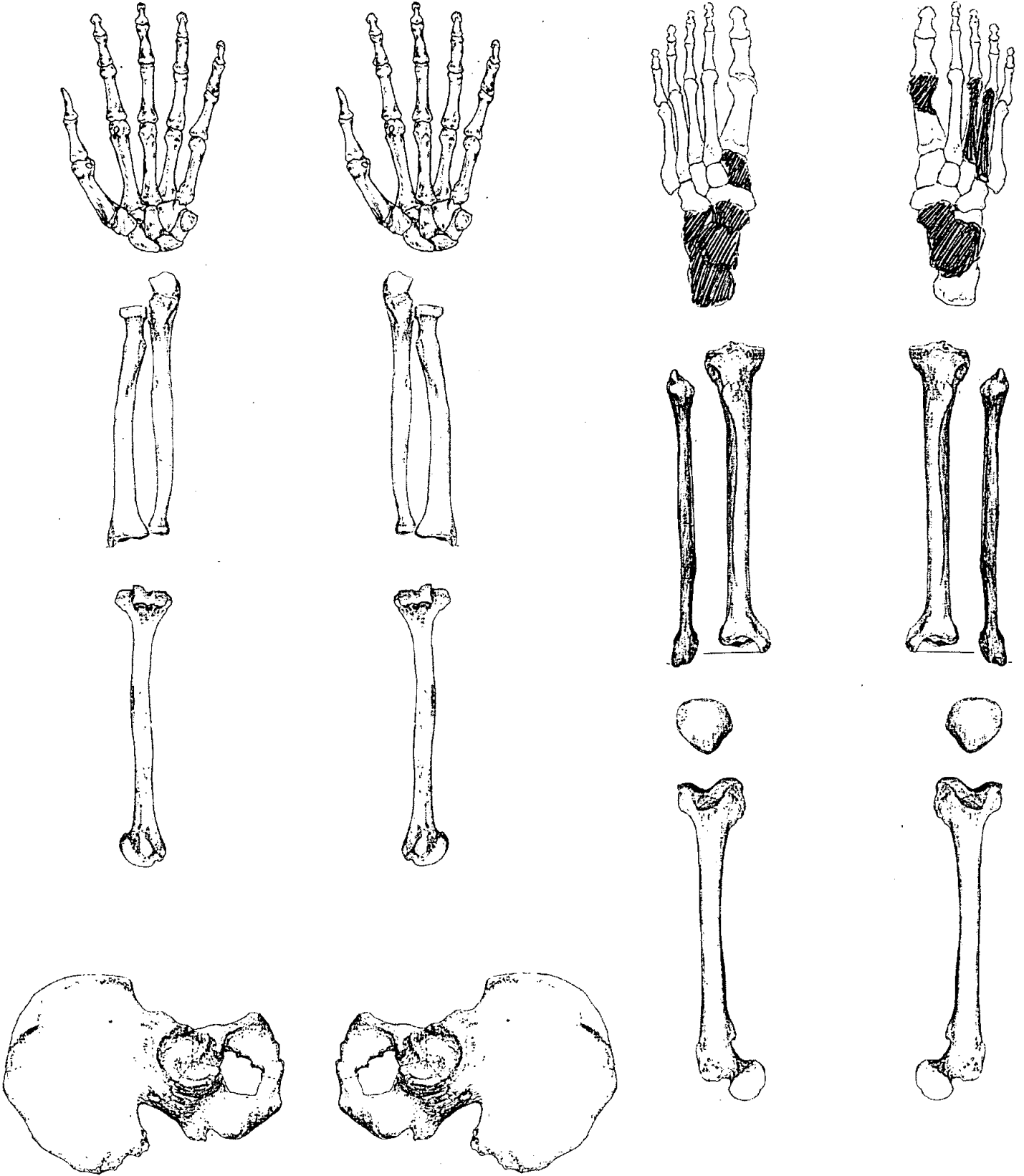
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions Healed fracture Right Middle ribs  
Mod. SJD, Severe DJD R Sterno-clavicular jt + L distal  
radius, Mod DJD R + L hips

**10. Diagram of Bones Present 1**



11. Diagram of Bones Present 2



**Adult Age Estimation**

13. Epiphyseal Fusion

25-29<sup>+</sup>

14. Dental Eruption and Development

18<sup>+</sup>

15. Dental Attrition

All incisors lost A.M. exc. L6

16. Pubic Symphyses

NP

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

17. Sternal End of Ribs



18. Cranial Suture Closure

fixed + almost obliterated exc. Coronal = unfused

19. Ilium Auricular Surface

50-60

20. Degenerative Joint Disease

SJD

21. Comments

ossified thyroid. Some costal cartilage fused to sternum.

**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 ~~female~~ NP

30. Subpubic Concavity

31. Ischio-Pubic Ramus

32. Ventral Arc

33. Preauricular Sulcus *female (pronounced)*

34. Obturator Foramen *Incomplete*

35. Pelvic Brim *female*

36. Acetabulum *female*

37. Ilium Auricular Surface *female*

**Sacrum**

38. Segments *Ambiguous*

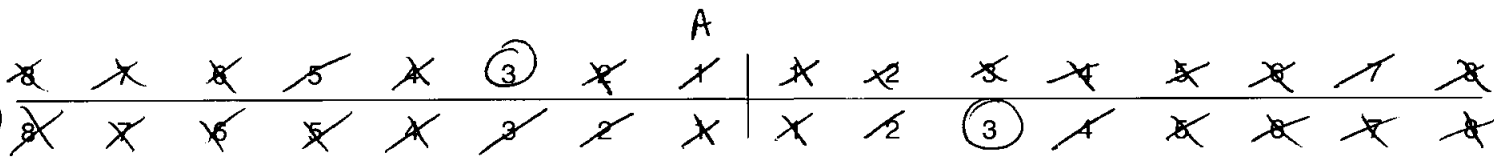
39. Morphology *Ambiguous*

**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

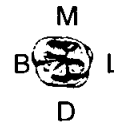
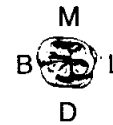
Left

Right

Left

Right

M1



M2

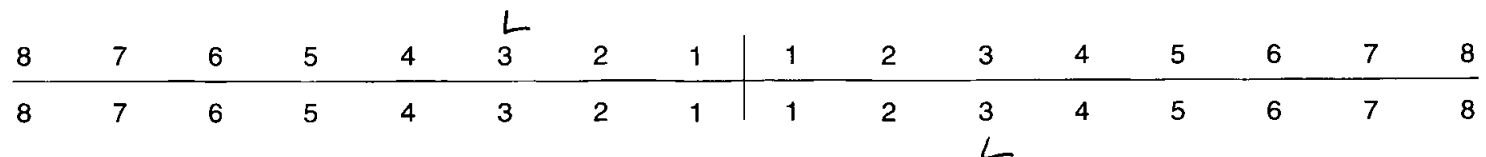


M3



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

SB  
HM, L

HB  
ME  
L

45. Periodontal Disease (Brothwell 1981)

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

- Maxilla

46. Caries (Lukacs 1989)

Small                      Medium                      Large

Occlusal		
Mesial		
Distal		
Buccal / Labial		
Lingual		
Multiple		

47. Abscess

Internal Drain		
External Drain		

48. Dental Anomalies

.....

.....

.....

.....

.....

**Skeleton Recording Sheet**  
**(Adult)**

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 42.9	R 42
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L —	R 73.3
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 44.5	R 43.6
Radius Head Diameter >23mm = ♂, <21mm = ♀	L —	R —
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 25.7	R 25.9
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 144	R 144

50. Cranial Non-metrics

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	R = P, L = A
Coronal Ossicle	R + L = A
Epipteric Bone	R + L = A
Ossicle at Asterion	L + C = A
Parietal Notch Bone	R + L = A
Fronto-temporo Articulation	R + L = A
Parietal Foramen	L = P, R = A
Access Infraorb. For	R + L = A
Zygomat. Facial. For	R + L = A
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
Supra-Orbital Foramen	R + L = unbridged (A)
Postcondylar facet	R + L = A
Foramen Spinosum	R + L = A
Posterior Cond. Canal	R + L = A
Condylar Facet	R + L = A (Single)
Mastoid Foramen	R = NO, L = P (extra-sutural)
Ant. Ethmoid Foramen	N.P
Post. Ethmoid Foramen	N.P
Anterior Condylar Canal	R + L = A



# Skeleton Recording Sheet (Adult)

## 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 <del>double</del> /single		P	P
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		C7	C6

## 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		P	P
exostosis in trochanteric fossa		P	P

*Pathological - osteophytes*

## Patella

vastus notch		NP ↓	NP ↓
vastus fossa			
emarginate patella			

## Tibia

facet form double		NP ↓	NP ↓
facet form single			

## Calcaneus

facet form double		P	P
facet form single			

0LR06 697

**Skeleton Recording Sheet (Adult)**

52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
Orbital Breadth (O'1)	36.2	35.1	
Orbital Length (O'2)	31	31	
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			178 (Slight occipital curv)
Max. Cranial Breadth (B)			138
Min. Frontal Breadth (B')			96
Basion Bregma height (H')			134
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			65.4
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			100
Nasal Height (NH')			49
Nasal Breadth (NB)			22.9
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			48.6
Frontal Arc (S1)			31.9
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			26
Mandibular Angle MZ			
Bigonial Breadth OoGo			
Max. Mandibular Length			91

**Skeleton Recording Sheet (Adult)**

53.

left

right

**Femur**

FeL1 Max. L	-	432
FeL2 Obl. L		
FeD1 A-P Subtroch DI	19.4	23.7
FeD2 M-L Subtroch DI	33.5	33.7
FeDs Max. DI Head		
C Midshaft Circ.		
FeEI Bicond Width		

**Tibia**

TiL1 Max. L	-	-
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	31.6	-
TiD2 M-L DI. Nut. For	19.4	-

**Fibula**

FIL1 Max. L	-	-
-------------	---	---

**Humerus**

HuL1 Max. L	305	306
HuD5 Max. DI Head		
HC Midshaft Circ		

**Radius**

RaL1 Max. L	213	
-------------	-----	--

**Ulna**

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

**Clavicle**

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

54.

left

right

**Scapula**

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

**Atlas**

Max. Internal width

26.8

**Sternum**

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

—  
51.8

(osteophytes)

**Sacrum**

SacL Max. L  
SacB Max. B

—  
115.8

**Indices**

**Cranial**

Height/Length  
Height/Breadth

75.28  
97.1

**Nasal**

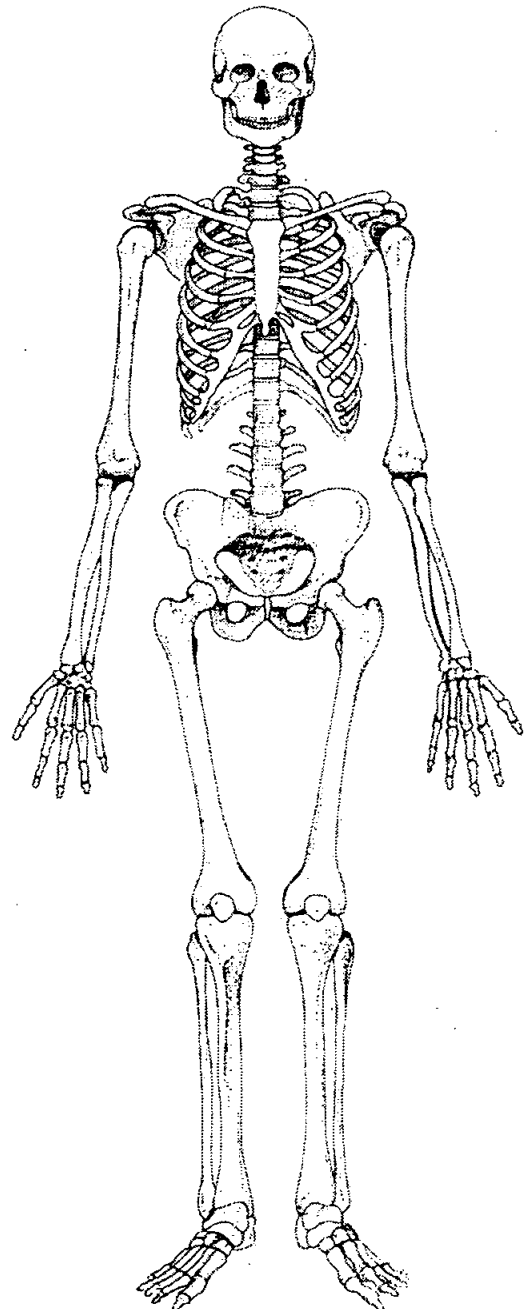
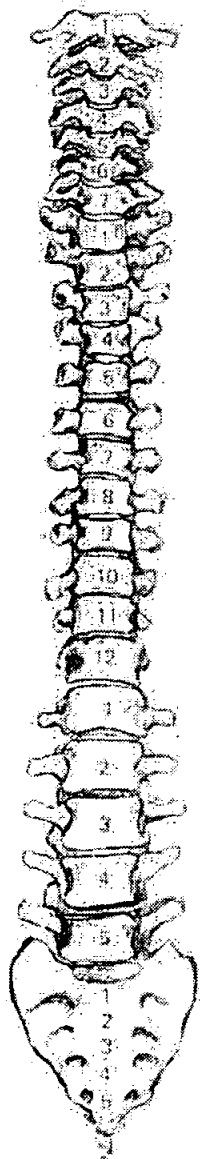
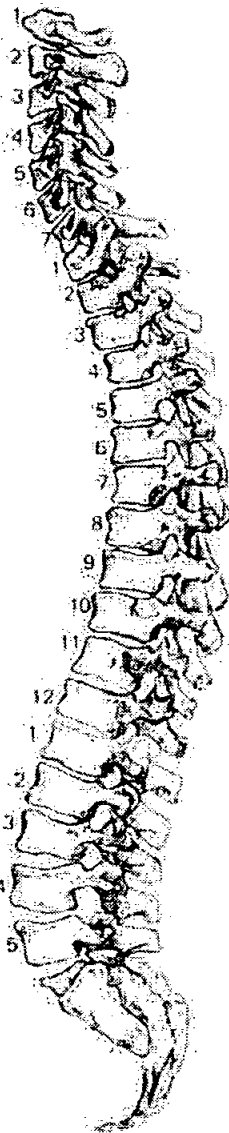
Upper Facial  
~~Foramina~~ *Nasal*  
Palatal  
Orbital  
Mean Porion Height

65.4  
46.7  
65.6

**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

55. Pathological Distribution



56. Pathological Description

Moderate SPD - see sheet  
 DID L. prox femur - flattening of prox. end + ops around joint margin  
 R. prox femur AS above  
 R + L acetabuli - Mod. o. ps.  
 R - Sternoclavicular jt. severe DID; Panostium SV. o. ps.  
 Clavicle Mod. o. ps. + PO.  
 L. Medial clavicle, shaft o. ps.  
 L. distal radius - severe P.O. + O. ps.  
 Healed fracture R. Middle rib - was healed but Mod. ant. callus evident inner surface

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		✓ slight								
C3	OP PO SN EB		✓ nod								
C4	OP PO SN EB	✓	✓ slight								
C5	OP PO SN EB	✓	✓ nod								
C6	OP PO SN EB	✓✓	✓ nod o.p.s.	sv. p.c							
C7	OP PO SN EB	✓ severe	✓ slight								
T1	OP PO SN EB	✓	✓ slight	✓✓ severe				✓ slight			
T2	OP PO SN EB		✓								
T3	OP PO SN EB	✓	✓ slight								
T4	OP PO SN EB	✓	✓	"							
T5	OP PO SN EB	✓	✓ nod.								
T6	OP PO SN EB	✓	✓ nod-sv.					✓✓ nod.			
T7	OP PO SN EB	✓ slight	✓ nod								✓ sv.
T8	OP PO SN EB	✓ nod	✓ nod								
T9	OP PO SN EB	✓ "	✓ "								
T10	OP PO SN EB	✓ slight									
T11	OP PO SN EB										
T12	OP PO SN EB										
L1	OP PO SN EB		✓ slight								
L2	OP PO SN EB	✓	✓ slight								
L3	OP PO SN EB										
L4	OP PO SN EB	✓ nod-sv	✓ nod								
L5	OP PO SN EB	✓ nod.	✓ sv-nod								

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

# Skeleton Recording Sheet (Adult)

1. Site Name OL800

2. Date of Record 21 02 01

3. Period Post-Med

4. Skeleton Number 699 5. Age 50-60 Years

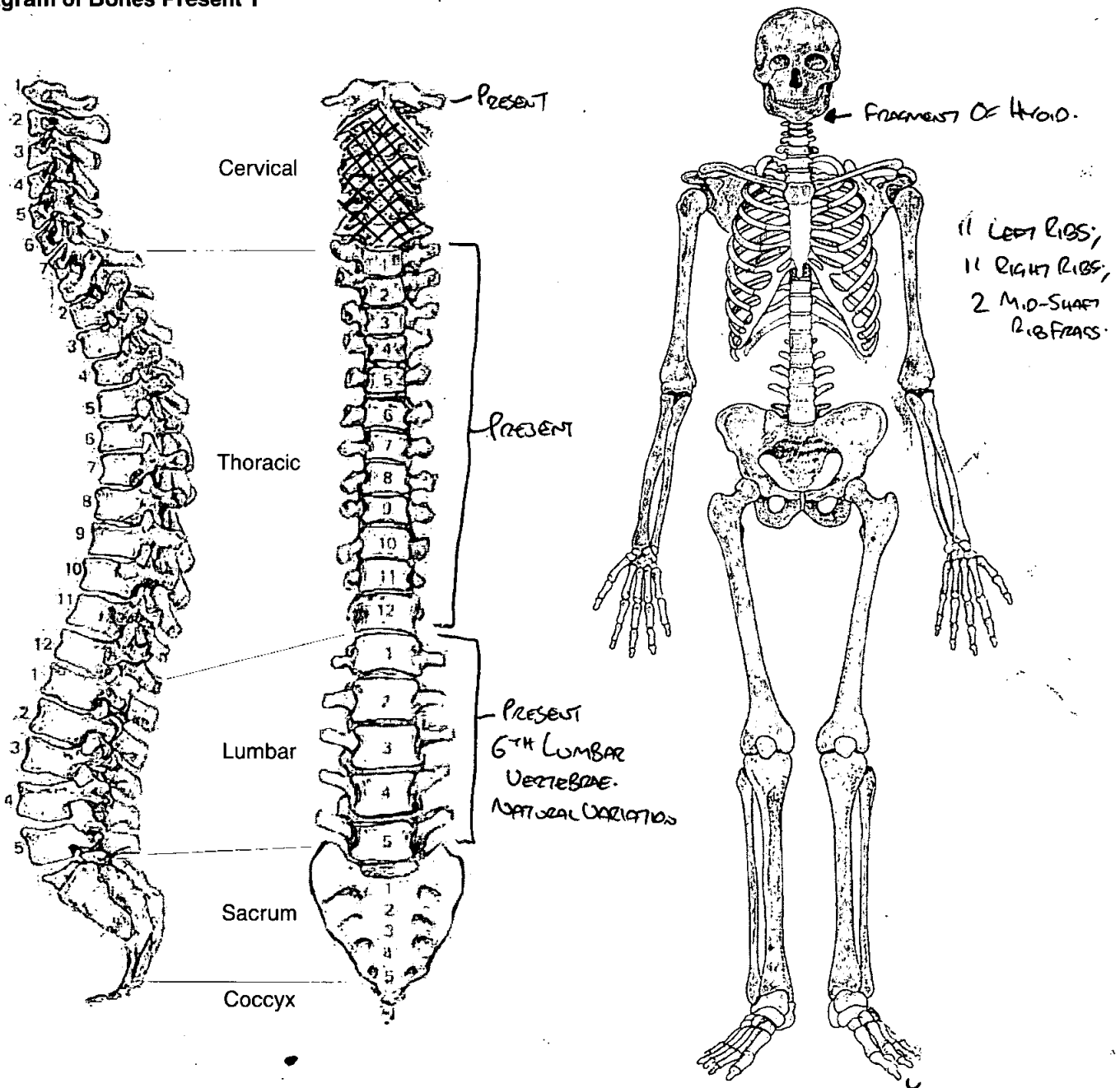
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 169.63 ± 2.99 cm (MALE?) - ON THE WHOLE VERY AMBIGUOUS. SLIGHTLY MORE LIKELY TO BE MALE THAN FEMALE. LOOK FOR SUCH AS PRAECORACIAL SULCUS...

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions ENOSMOPHOSIS, OSTEOPHYTES

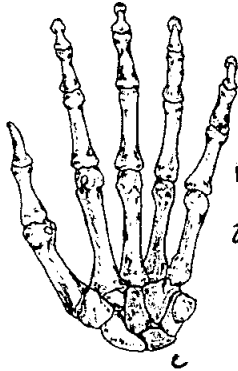
### 10. Diagram of Bones Present 1



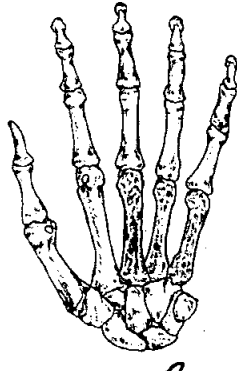


**Skeleton Recording Sheet (Adult)**

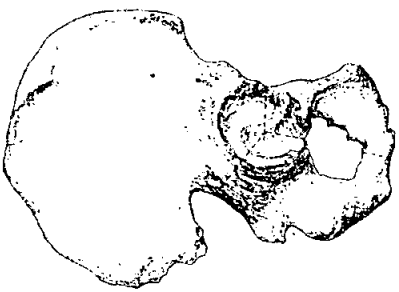
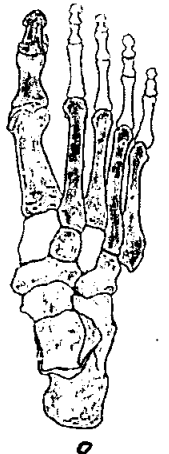
**11. Diagram of Bones Present 2**



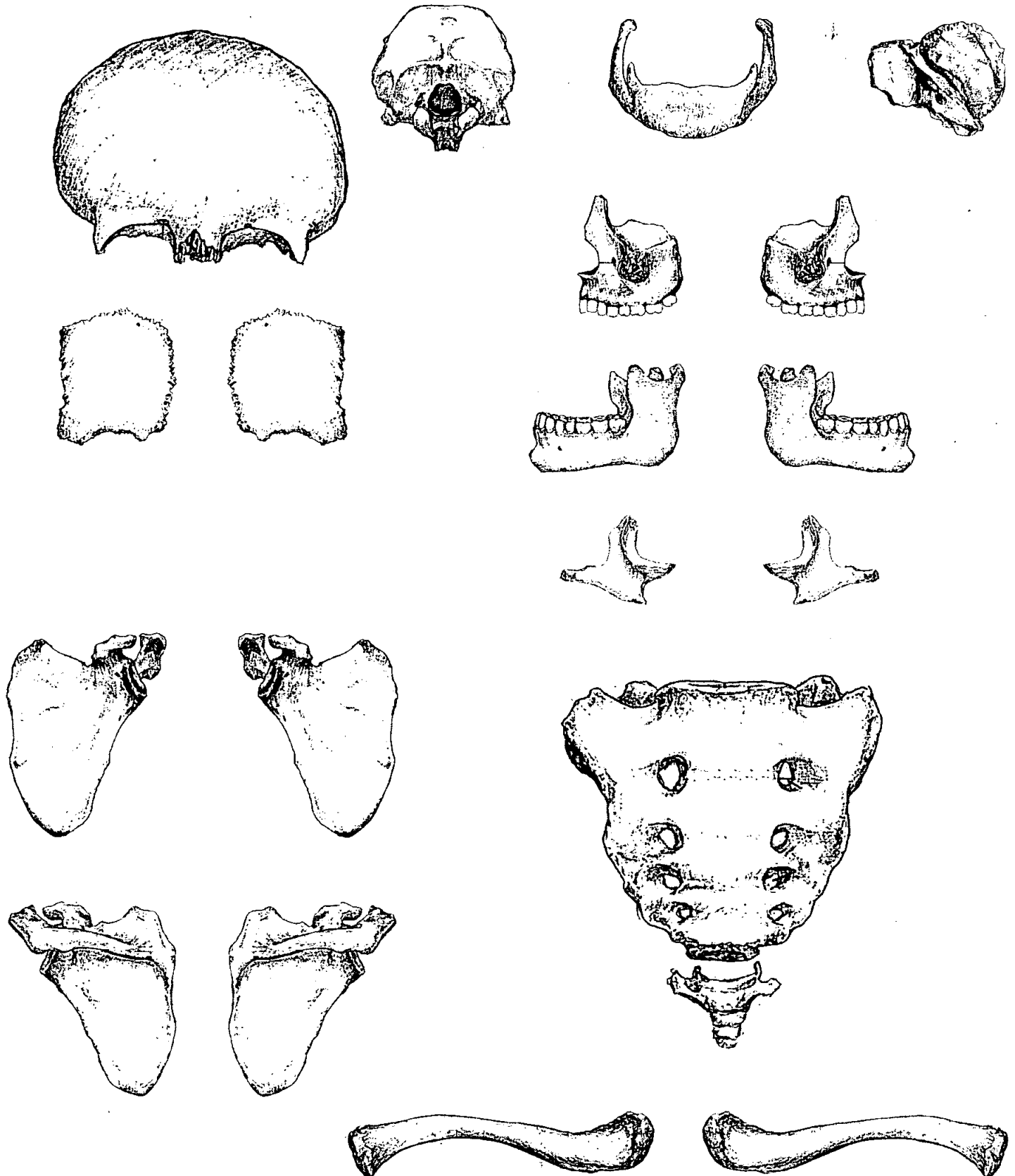
1 PROXIMAL PHALANX;  
2 MIDDLE PHALANXES



3 PROXIMAL PHALANXES;  
1 DISTAL PHALANX



12. Diagram of Bones Present 3



**Adult Age Estimation**

- 13. Epiphyseal Fusion SEVERAL END OF CLAVICLE FUSED. C. 28+ YEARS
- 14. Dental Eruption and Development MANDIBULAR M3S ERUPTED. C. 18+ YEARS
- 15. Dental Attrition I6 - C. 24 YEARS  
I7 - C. 25 YEARS I8 - C. 25 YEARS
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀) LEFT + RIGHT OS COXAE STAGE 6 - 49-73
- 17. Sternal End of Ribs RIPPLE 8 - 54-64 YEARS
- 18. Cranial Suture Closure METHOD NOT ATTEMPTED
- 19. Ilium Auricular Surface LEFT + RIGHT OS COXAE STAGE 7 - C. 50-59 YEARS
- 20. Degenerative Joint Disease METHOD NOT ATTEMPTED
- 21. Comments AGED OS P.S., V.I.A.S. & S.E. OF P. TO BE TAKEN  
50-60 YEARS

**Sexing**

**Skull**

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

FEMALE

34. Obturator Foramen

FEMALE

35. Pelvic Brim

MALE

36. Acetabulum

MALE

37. Ilium Auricular Surface

FEMALE (?)

**Sacrum**

38. Segments

MALE (?)

39. Morphology

MALE

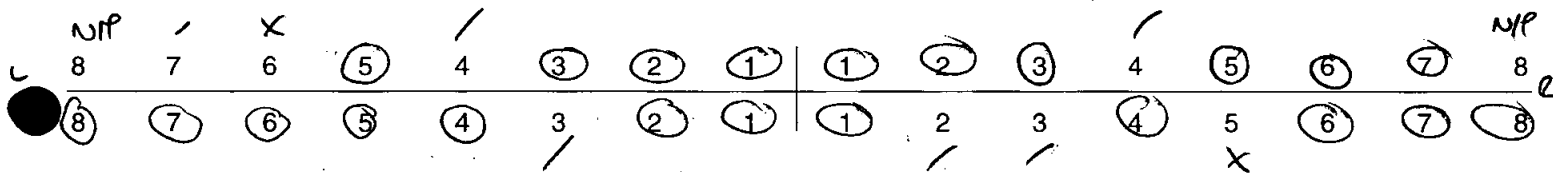
**Sternum**

Sternum Incomplete ∴ Not Used To Sex From.

**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

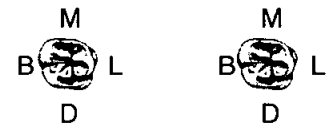
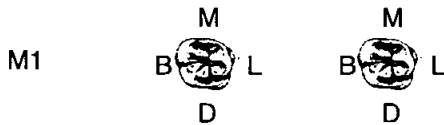
Maxilla

Left

Right

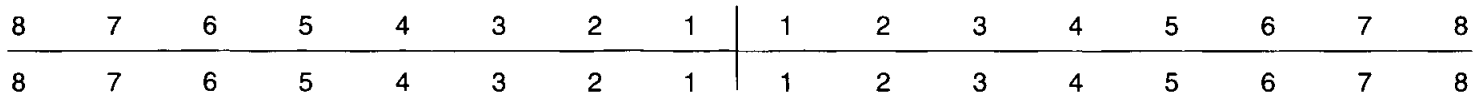
Left

Right



43. Dental Hyoplasia

P = Pit    L = Line    G = Groove



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 - Esp. Over U1/2 & L1, L2.

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 39	R 38
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 67	R 68
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 39	R 37
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 18	R 16
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 22	R 23
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 131	R 140

50. Cranial Non-metrics *FA - 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	A
Access Infraorb. For	A
Zygomat. Facial. For	A
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	<i>Double On Lem + Rgm</i>
Ant. Ethmoid Foramen	A
Post. Ethmoid Foramen	A
Anterior Condylar Canal	A

# Skeleton Recording Sheet (Adult)

## 51. Humerus

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

## Scapula

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

## Atlas

facet form double/single		✓	✓
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		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		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostois 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		✓	✓

## Calcaneus

facet form double		✓	✓
facet form single		A	A



52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
Orbital Breadth (O'1)	34	37	
Orbital Length (O'2)	38	38	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			98
Max. Cranial Breadth (B)			127
Min. Frontal Breadth (B')			118
Basion Bregma height (H')			137
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			84
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			111
Nasal Height (NH')			49
Nasal Breadth (NB)			22
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			44
Palatal Breadth (G'2)			37
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			120
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			76
Mandibular Angle MZ			
Bigonial Breadth OoGo			71
Max. Mandibular Length			120

53.

left

right

**Femur**

FeL1 Max. L	450	448
FeL2 Obl. L		
FeD1 A-P Subtroch DI	27	27
FeD2 M-L Subtroch DI	29	30
FeDs Max. DI Head	39	39
C Midshaft Circ.		
FeE1 Bicond Width	67	68

**Tibia**

TiL1 Max. L	368	364
TiB1 Bicond Width	66	67
TiD1 A-P DI. Nut. For	28	29
TiD2 M-L DI. Nut. For	21	23

**Fibula**

FiL1 Max. L	340	349
-------------	-----	-----

**Humerus**

HuL1 Max. L	309	313
HuD5 Max. DI Head	39	37
HC Midshaft Circ		

**Radius**

RaL1 Max. L	220	225
-------------	-----	-----

**Ulna**

UiL1 Max. L	253	251
-------------	-----	-----

**Clavicle**

CiL1 Max. L	131	140
-------------	-----	-----

OLR 00

# Skeleton Recording Sheet (Adult)

54.

left

right

### Scapula

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

31
22

32
23

### Atlas

Max. Internal width

--

26

--

### Sternum

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


Not Recorded  
49


### Sacrum

SacL Max. L  
SacB Max. B


117  
104


### Indices

#### Cranial

Height/Length  
Height/Breadth


74.46  
107.87


#### Nasal

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

111.76

75.67  
44.90  
84.09  
X

102.70

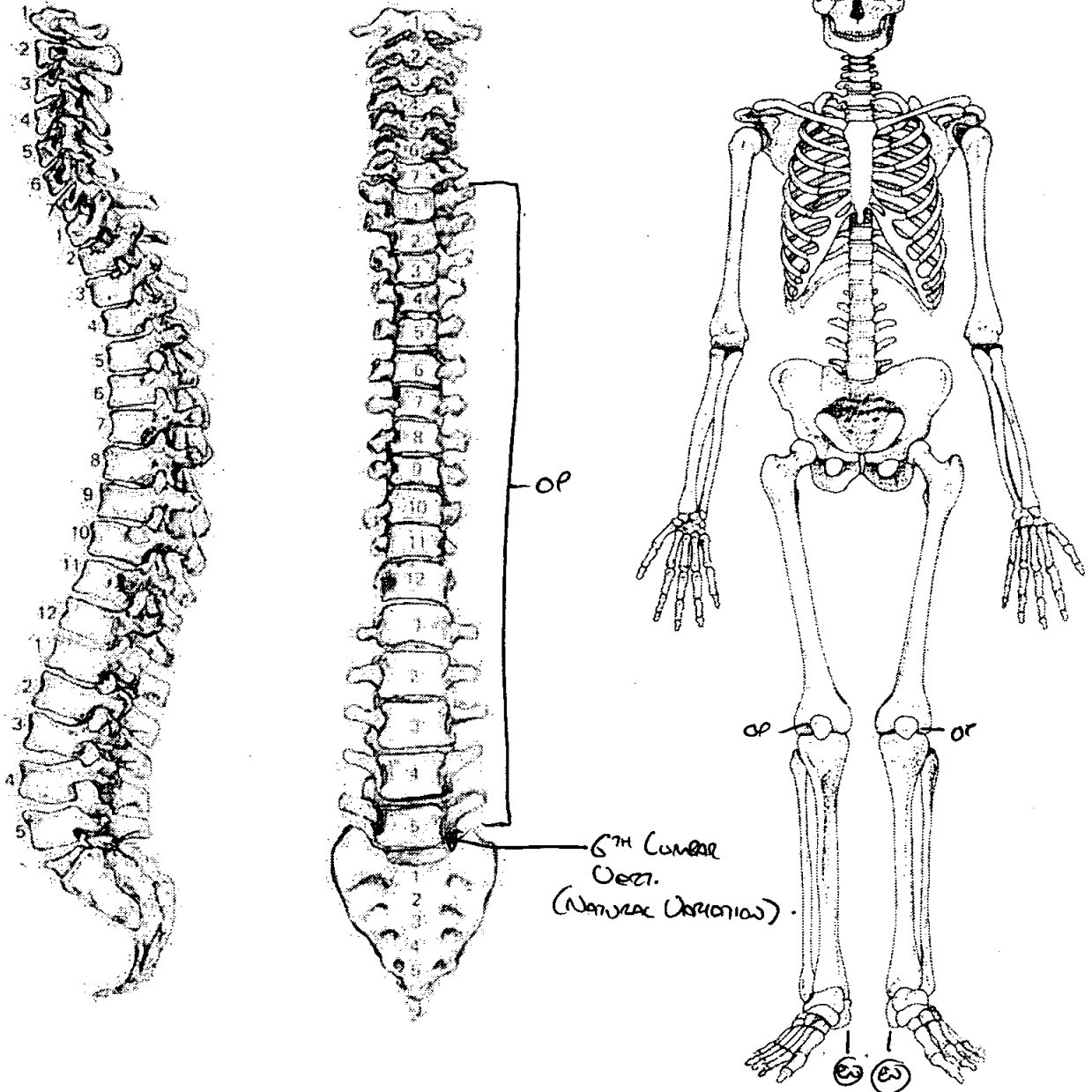
#### Post Cranial

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

93.10
75.00
71.20
X

90.00
79.31
71.88
X

55. Pathological Distribution



56. Pathological Description

\* ENOSTHOSES - BOTH LEFT & RIGHT CARPALS HAVE ENOSTHOSES UPON THE SURFACE OF THEIR RESPECTIVE HEADS.

\* OSTEOPHYTES - THE LEFT & RIGHT PATELLA HAD SLIGHT OSTEOPHYTE FORMATION AROUND THE RIM OF THE POSTERIOR SURFACE.

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										
<del>C2</del>	<del>OP PO SN EB</del>										
<del>C3</del>	<del>OP PO SN EB</del>										
<del>C4</del>	<del>OP PO SN EB</del>										
<del>C5</del>	<del>OP PO SN EB</del>										
<del>C6</del>	<del>OP PO SN EB</del>										
<del>C7</del>	<del>OP PO SN EB</del>										
T1	OP PO SN EB	OP	OP								
T2	OP PO SN EB	OP	OP								
T3	OP PO SN EB	OP	OP	OP				OP			
T4	OP PO SN EB	OP	OP	OP				OP			
T5	OP PO SN EB	OP	OP	OP				OP			
T6	OP PO SN EB	OP	OP	OP	OP			OP			
T7	OP PO SN EB	OP	OP	OP	OP			OP	OP		
T8	OP PO SN EB	OP	OP	OP	OP		OP	OP	OP		OP
T9	OP PO SN EB	OP	OP								
T10	OP PO SN EB	OP	OP	OP	OP			OP	OP		
T11	OP PO SN EB	OP	OP	OP	OP		OP	OP	OP		
T12	OP PO SN EB	OP	OP	OP	OP			OP	OP		
L1	OP PO SN EB	OP	OP	OP	OP			OP	OP		
L2	OP PO SN EB	OP	OP	OP	OP			OP	OP		
L3	OP PO SN EB	OP	OP	OP	OP			OP	OP		
L4	OP PO SN EB			OP				OP			
L5	OP PO SN EB								OP		

CG

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

Any pathology that was displayed upon the surface may not have been picked up due to the uneven nature of the bones.

1. Site Name OLR 00

2. Date of Record 25 10 00

3. Period NAMED

4. Skeleton Number 701

5. Age MT A

6. Sex (tick one)  Male  Female  Unidentified

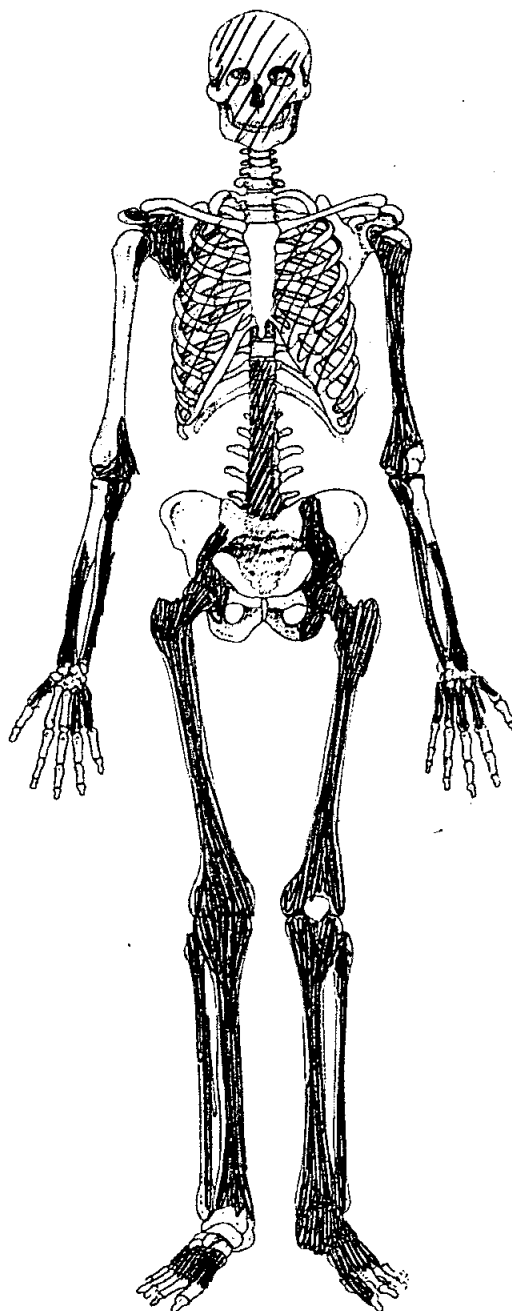
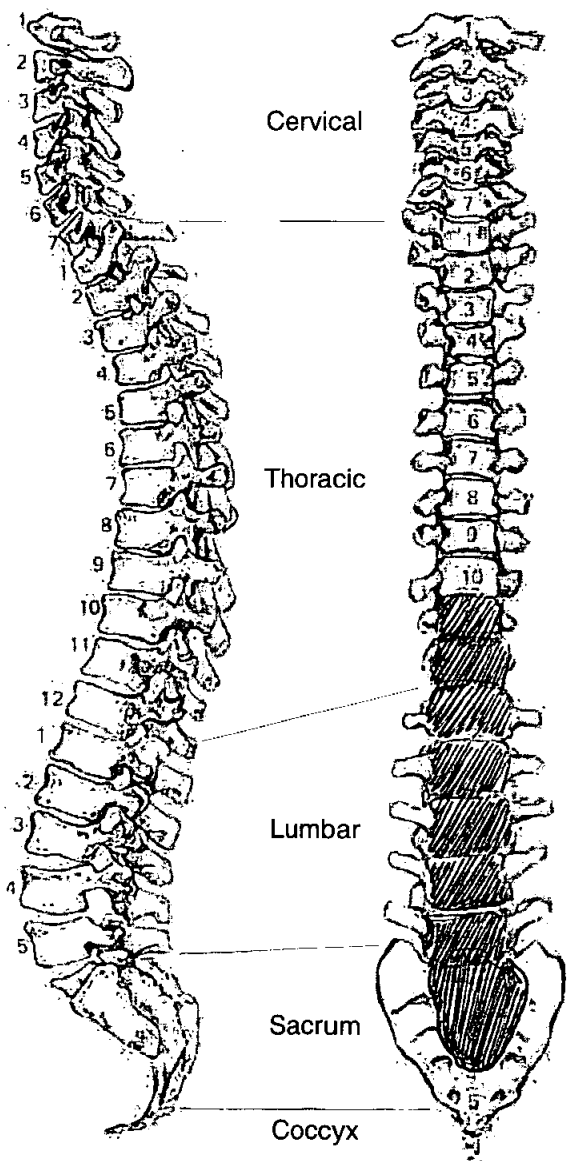
Post-Cranial remains = large & robust

7. Stature 1.84 - 71 ± 2.99 / 6' 1/2"

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions Slight D/D R+L knees  
Slight S/D  
Osteochondritis dissecans

**10. Diagram of Bones Present 1**



**Adult Age Estimation**

- 13. Epiphyseal Fusion 22-25+
- 14. Dental Eruption and Development NP
- 15. Dental Attrition
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀)
- 17. Sternal End of Ribs 54-64
- 18. Cranial Suture Closure NP
- 19. Ilium Auricular Surface 50-60
- 20. Degenerative Joint Disease some evident in damaged C.V.I.s
- 21. Comments

**Sexing**

**Skull**

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



**Pelvis**

28. Sciatic Notch

oblique - looks more ♀ than ♂

29. Subpubic Angle

NP

30. Subpubic Concavity

NP

31. Ischio-Pubic Ramus

NP

32. Ventral Arc

NP

33. Preauricular Sulcus

♂

34. Obturator Foramen

Incomplete

35. Pelvic Brim

Incomplete

36. Acetabulum

♂

37. Ilium Auricular Surface

♂

**Sacrum**

overall appearance of Pelvis = large, robust + ♂

38. Segments

Incomplete

39. Morphology

**Sternum**

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 49.4	R —
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 90.1	R 91.2
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	Absent
Ossicle at Lambda	NP
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

	unside	left	right
septal aperture		NP ↓	NP ↓
supra-conyloid process			

Scapula

	unside	left	right
supra-scapular foramen/notch		NP ↓	NP ↓
acromial articular facet			

Atlas

	unside	left	right
facet form double/single		NP ↓	NP ↓
lateral bridge			
posterior bridge			
transverse foramen biparite			

Pelvis

	unside	left	right
accessory facets		<del>NP</del> A	NP

Sacrum

	unside	left	right
accessory facets		NP	NP
spina bifida occulta		A	A

Femur

	unside	left	right
allen's fossa		NP ↓	NP ↓
polirier's facet			
plaque			
third trochanter		A	A
hypotrochanteric fossa		A	A
exostoils in trochanteric fossa		A	A

Patella

	unside	left	right
vastus notch		<del>NP</del> NP	A
vastus fossa			
emarginate patella			

Tibia

	unside	left	right
facet form double			
facet form single		✓	✓

Calcaneus

	unside	left	right
facet form double		✓	NP
facet form single			

52.

left

right

unside

*None possible*

**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			

**Skeleton Recording Sheet**  
**(Adult)**

53.

left

right

**Femur**

FeL1 Max. L	510	510
FeL2 Obl. L		
FeD1 A-P Subtroch DI	33	34.7
FeD2 M-L Subtroch DI	42.2	42.6
FeDs Max. DI Head	49.4	—
C Midshaft Circ.		
FeEI Bicond Width	90.1	91.2

**Tibia**

TiL1 Max. L	424	421
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	28	30.9
TiD2 M-L DI. Nut. For	47.3	46.6

**Fibula**

FiL1 Max. L	410	408
-------------	-----	-----

**Humerus**

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

**Radius**

RaL1 Max. L	—	—
-------------	---	---

**Ulna**

UiL1 Max. L	290	295
-------------	-----	-----

**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  
Palatal  
Orbital  
Mean Porion Height


||||

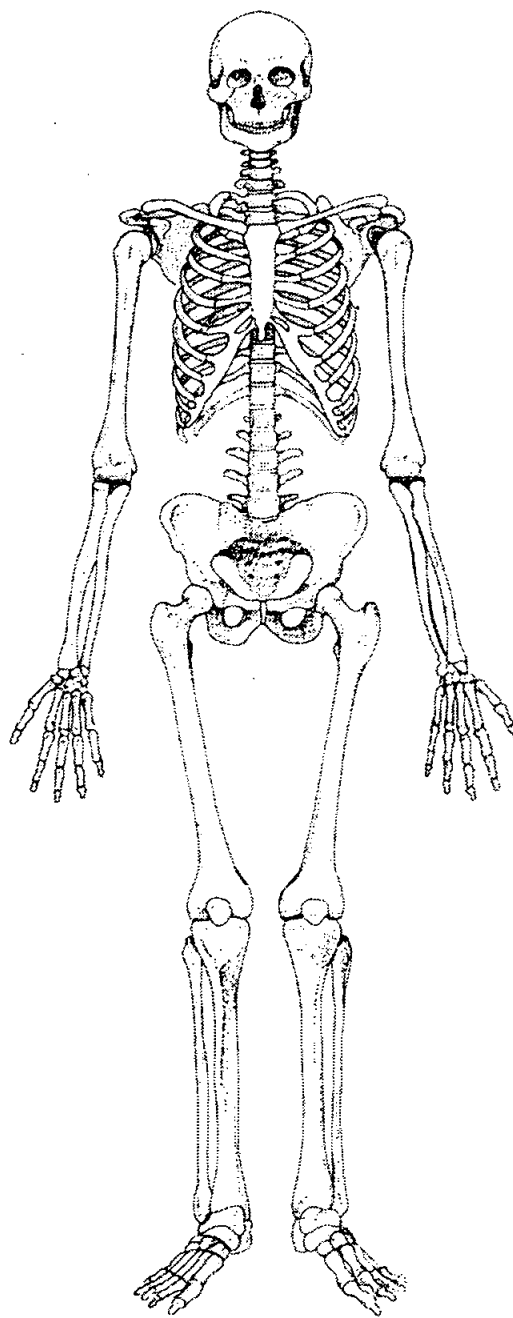
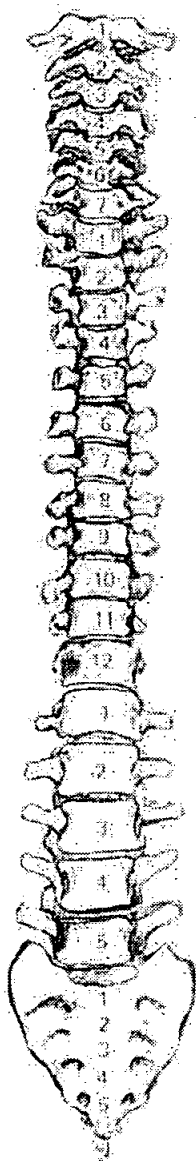
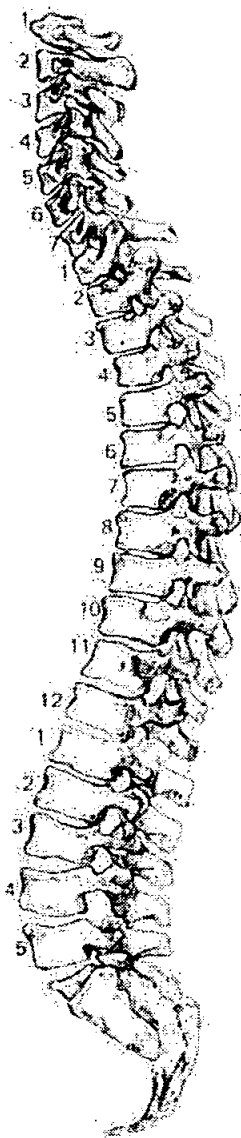

**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

78
59
-

81
66
-

55. Pathological Distribution



56. Pathological Description

Osteochondritis dissecans L: femur, lateral condyle lesion 1.2-2 mm diam.  
 DDD L: distal femur, L: prox tibia - Slight - mod adv  
 R: " " " AS above

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	✓	✓	Compression of Verts							
L5	OP PO SN EB	✓	✓	u		u					

L. Verts = bodies only.



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

# Skeleton Recording Sheet (Adult)

1. Site Name 01201

2. Date of Record 1 02 01

3. Period Post-Med

4. Skeleton Number 704 5. Age 50-59

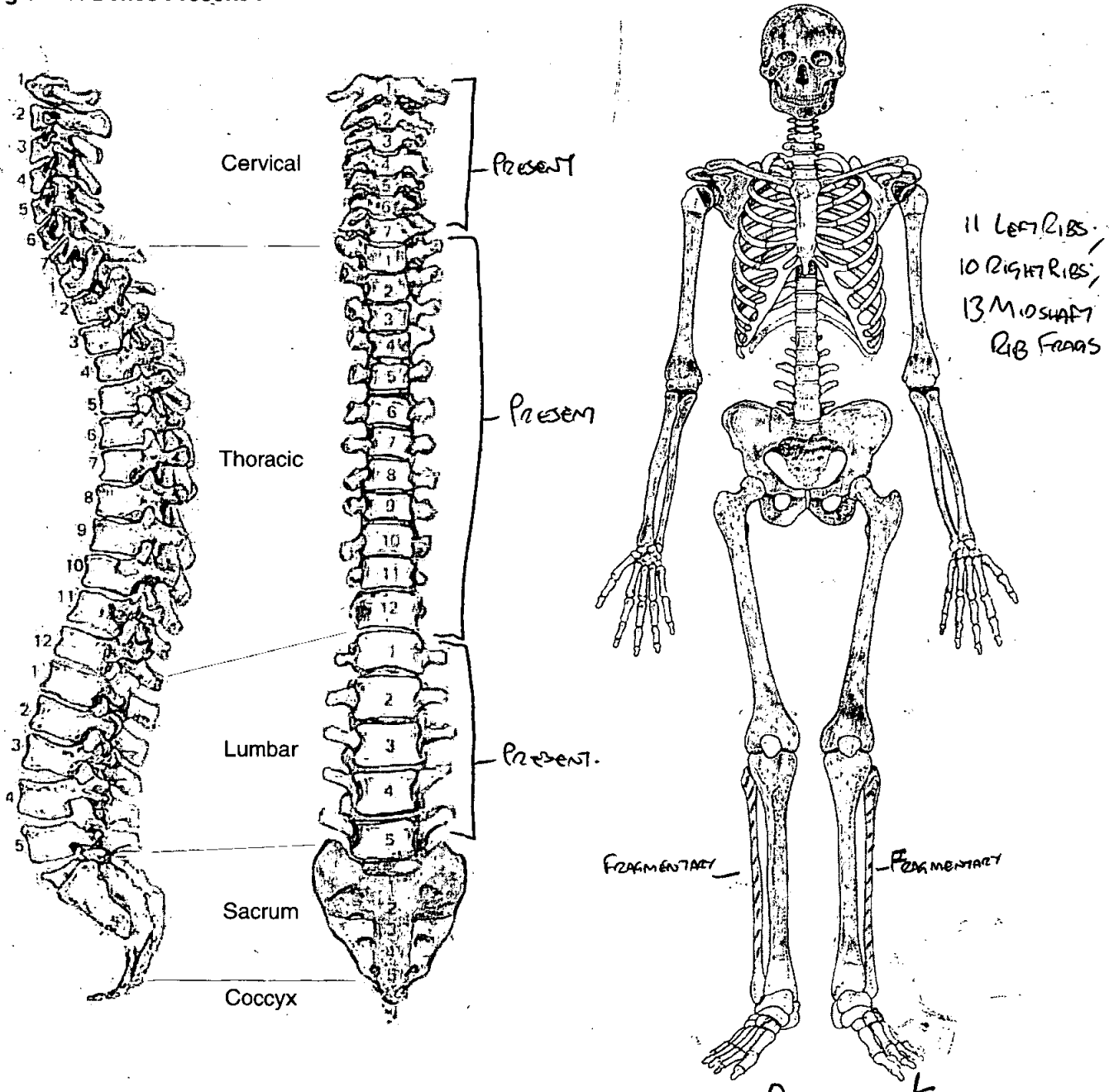
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 152.65 ± 3.72 cm

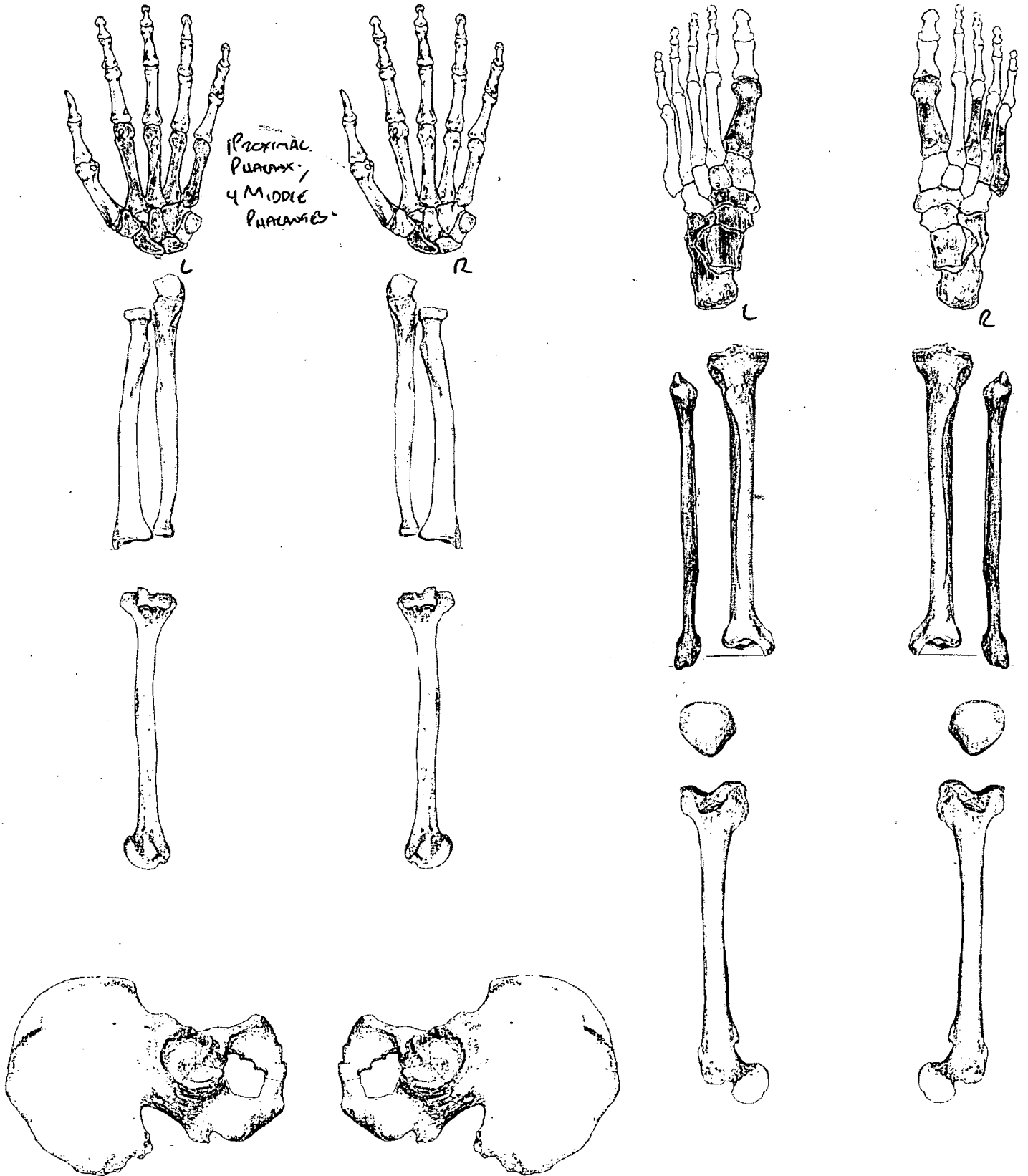
8. Preservation (tick one)  Excellent  Good to  Poor  Destroyed

9. Summary of Pathological Conditions DENTAL DISEASE; OSSIFICATION OF THE COSTAL CARTILAGE ON STERNAL BODY; RICKETS; JOINT DISEASE; SCHMORL'S NODES; POROSITY ON SACRUM + VERTEB; OSTEOPHYTES ON VERTEB, SACRUM, + PATELA; FASCIOS O-14-16.

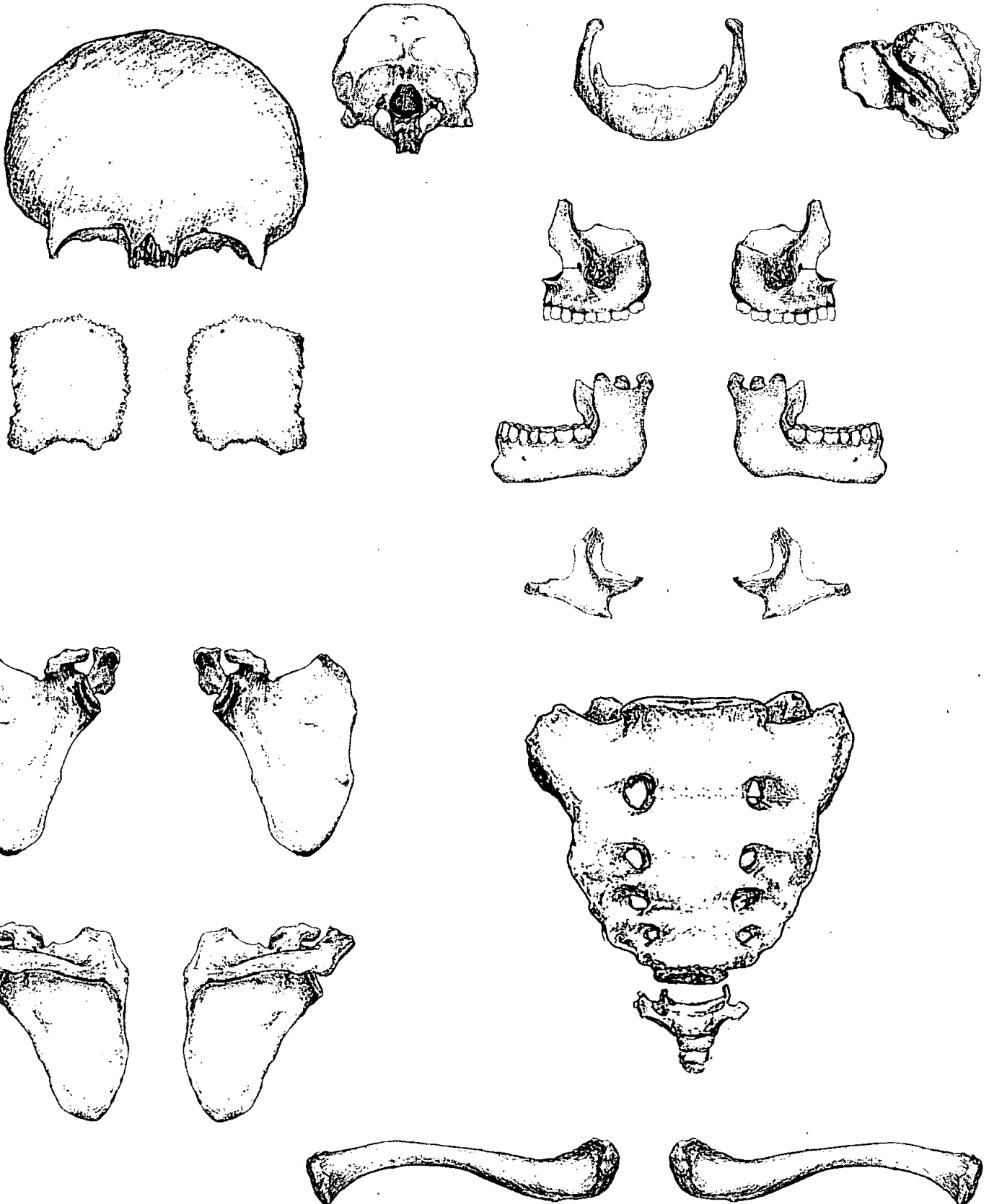
### 10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



12. Diagram of Bones Present 3



**Adult Age Estimation**

- 13. Epiphyseal Fusion STERNAL ENDS OF CLAVICLE FUSED. C. 28+ YEARS
- 14. Dental Eruption and Development MAXILLA / MANDIBLE MBS ERUPTED. C. 18+ YEARS
- 15. Dental Attrition
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀) LEFT OS COXA - STAGE U - C. 34-63 YEARS
- 17. Sternal End of Ribs /
- 18. Cranial Suture Closure 40-60 YEARS
- 19. Ilium Auricular Surface STAGE III - 50-59 YEARS
- 20. Degenerative Joint Disease /
- 21. Comments AGED VIA I.A.S.; PUBIC SYMPHYSIS & C.S.C TO 50-59 YEARS

**Sexing**

**Skull**

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

**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

34. Obturator Foramen

FEMALE

35. Pelvic Brim

FEMALE

36. Acetabulum

FEMALE

37. Ilium Auricular Surface

FEMALE

**Sacrum**

38. Segments

FEMALE (?)

39. Morphology

FEMALE (?)

**Sternum**

FEMALE (?)

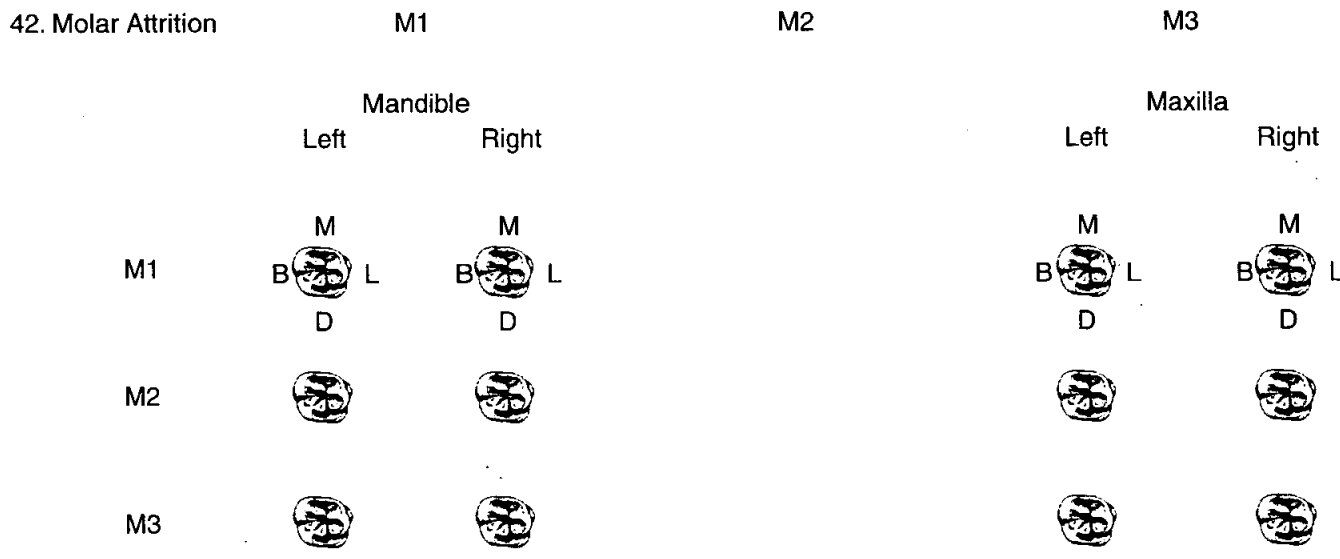
**Dentition**

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

	C	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
C	X	/	/	/	/						/			X		B

41. Bite                       Overbite     Underbite     Edge to Edge



43. Dental Hyoplasia

P = Pit            L = Line            G = Groove

					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

44. Calculus (Brothwell 1981)

Position						Severity					
O = Occlusal						F = Flecks					
D = Distal						S = Slight					
L = Lingual						ME = Medium					
B = Buccal						H = Heavy					
M = Mesial											
A = All sides											

A	^					A	A	A	A	A					
S	S					S	S	S	S	S					
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
<hr/>															
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
			S			H	H	H	H		ME	ME			
			A			A	A	A	A		A	A			

45. Periodontal Disease (Brothwell 1981)

S = Slight  
M = medium  
C = Considerable - ON ALL REMAINING TOOTH SOCKETS -

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 32	R 38
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 55	R 64
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L incomplete	R incomplete
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 15	R 14
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 20	R 20
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 140	R 142

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	A
Access Infraorb. For	A
Zygomat. Facial. For	A
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	→ Absent on Right, Suture on Left.
Ant. Ethmoid Foramen	A
Post. Ethmoid Foramen	A
Anterior Condylar Canal	→ Present on Left + Right

OLR 06

# Skeleton Recording Sheet (Adult)

## 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		Single	Double
lateral bridge	A		
posterior bridge	A		
transverse foramen biparite	A		

## Pelvis

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

## Sacrum

accessory facets	A		
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
exostois in trochanteric fossa		A	A

## Patella

vastus notch		A	<del></del>
vastus fossa		A	<del></del>
emarginate patella		A	<del></del>

## Tibia

facet form double		Lcomplete	Rcomplete
facet form single		Lcomplete	Lcomplete

## Calcaneus

facet form double		A	A
facet form single		✓	✓

OLL 00704

# Skeleton Recording Sheet (Adult)

52.

left

right

unsided

### Cranial and Facial Metrics

Porion Bregma Height			
Orbital Breadth (O'1)	35	33	
Orbital Length (O'2)	35	37	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			180
Max. Cranial Breadth (B)			141
Min. Frontal Breadth (B')			109
Basion Bregma height (H')			136
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			80
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			114
Nasal Height (NH')			43
Nasal Breadth (NB)			22
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			24
Frontal Arc (S1)			36
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			123
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			22
Mandibular Angle MZ			
Bigonial Breadth OoGo			29
Max. Mandibular Length			111

53.

left

right

**Femur**

FeL1 Max. L	309	391
FeL2 Obl. L		
FeD1 A-P Subtroch DI	27	26
FeD2 M-L Subtroch DI	29	29
FeDs Max. DI Head	32	39
C Midshaft Circ.		
FeEI Bicond Width	55	64

**Tibia**

TiL1 Max. L	incomplete	incomplete
TiB1 Bicond Width	incomplete	62
TiD1 A-P DI. Nut. For	24	23
TiD2 M-L DI. Nut. For	32	32

**Fibula**

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

**Humerus**

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

**Radius**

RaL1 Max. L	210	208
-------------	-----	-----

**Ulna**

UiL1 Max. L	214	221
-------------	-----	-----

**Clavicle**

CiL1 Max. L	140	142
-------------	-----	-----

OLR 06 7011

# Skeleton Recording Sheet (Adult)

54.

left

right

### Scapula

GC2 Glen. Cav. L	36	36
GC2 Glan. Cav. B	20	20

### Atlas

Max. Internal width		28	
---------------------	--	----	--

### Sternum

SL Max. L. Body		94	
ML max. L. Manbrium		52	

### Sacrum

SacL Max. L		120	
SacB Max. B		99	

### Indices

#### Cranial

Height/Length		75.55	
Height/Breadth		96.45	

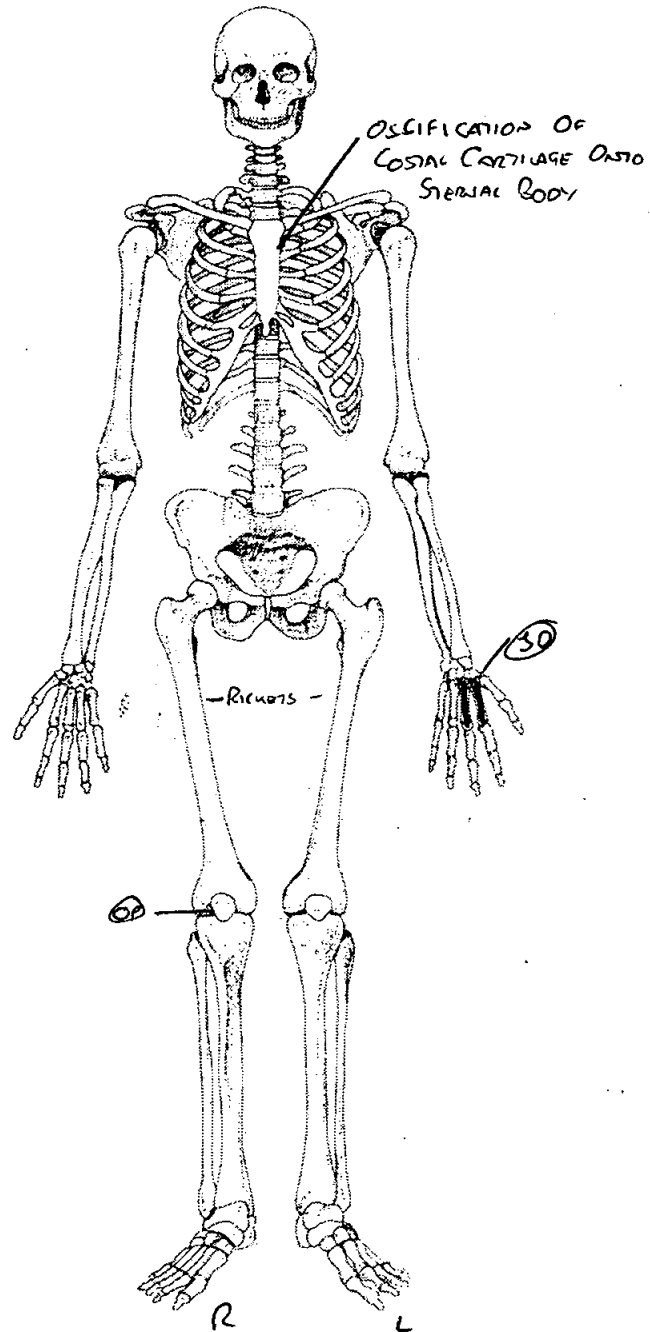
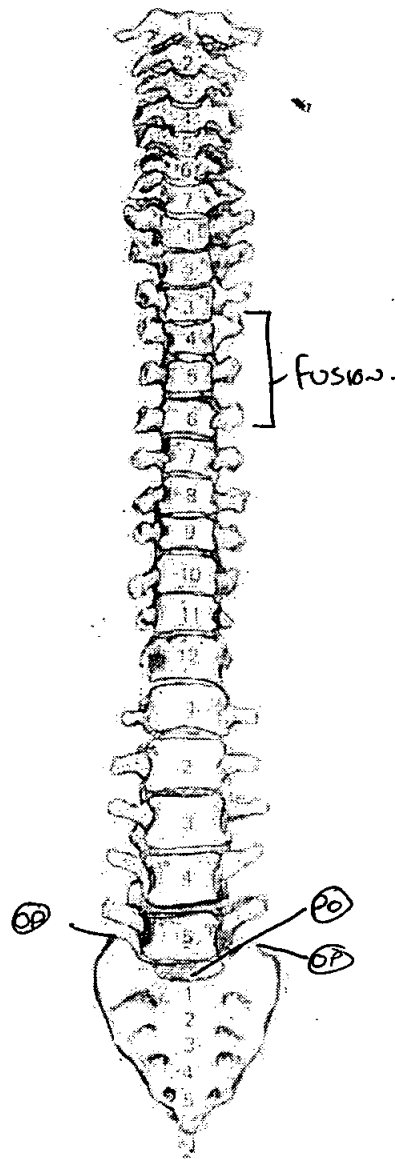
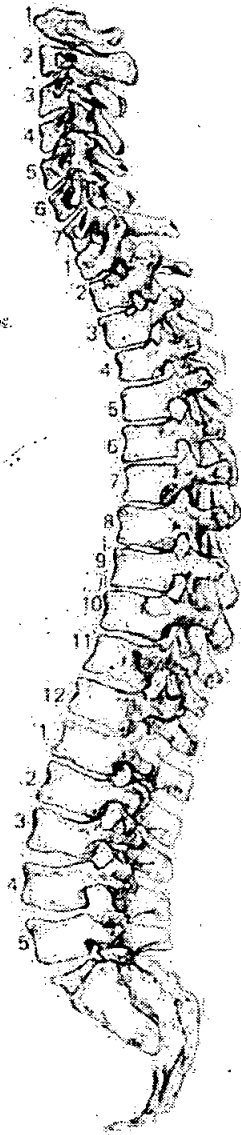
#### Nasal

Upper Facial		70.17	
Foraminal Nasal		51.16	
Palatal		81.82	
Orbital	100		105.71
Mean Porion Height			

#### Post Cranial

Platymeric	93.10		89.65
Platycnemic	133.33		139.13
Radio-Humeral			
Robusticity			

55. Pathological Distribution



56. Pathological Description

- \* OSSIFICATION OF THE COSTAL CARTILAGE HAS TAKEN PLACE UPON THE FACETS OF THE BODY OF THE STERNUM.
- \* RICKETS - BOTH LEFT AND RIGHT FEMURS DISPLAY BOWING UPON THEIR SHAFTS. THE BOWING IS MAINLY UPON THE FIRST 1/3 TO HALF OF THE SHAFT. THIS POSTERIOR-ANTERIOR IN NATURE.
- \* OSTEOPHYTES - THE LEFT + RIGHT ARTICULAR SURFACES OF THE SACRUM HAVE OSTEOPHYTES FORMED UPON THEM. THESE ARE SLIGHT IN NATURE.
- \* POROSITY - THE BODY OF THE SACRUM SHOWS POROSITY.
- \* OSTEOPHYTES - ON THE POSTERIOR SURFACE OF THE RIGHT PATELLA, MODERATE OSTEOPHYTIC FORMATION CAN BE FOUND AROUND THE RIM.
- \* JOINT DISEASE - THE HEADS OF THE LEFT SECOND AND THIRD METACARPALS ARE ENLARGED UPON THEIR SURFACES. ENLARGEMENT CAN ALSO BE FOUND UPON THE BASES OF ONE PROXIMAL HAND PHALANX AND TWO MIDDLE PHALANXES. NO SIDE DETERMINATION ATTEMPTED.
- \* SCHMORL'S NODE - A SCHMORL'S NODE WAS FOUND UPON THE SUPERIOR SURFACE OF T10.

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										
C6	OP PO SN EB	OP									
C7	OP PO SN EB	OP	OP								
T1	OP PO SN EB	OP	OP								
T2	OP PO SN EB	OP	OP						OP		
T3	OP PO SN EB	PO OP	PO OP								
T4	OP PO SN EB	PO OP	OP								
Fused T5	OP PO SN EB	OP	OP								
T6	OP PO SN EB	OP	OP PO								
T7	OP PO SN EB	PO OP	PO OP	OP				OP			
T8	OP PO SN EB	PO OP	PO OP								
T9	OP PO SN EB	PO OP	PO OP	OP				OP			
T10	OP PO SN EB	PO OP SN	PO OP	OP				OP	OP		OP
T11	OP PO SN EB	PO OP	PO OP	OP			OP	OP			OP
T12	OP PO SN EB	PO OP	PO OP	OP	OP			OP	OP		
L1	OP PO SN EB	PO OP	PO OP	OP	OP				OP		
L2	OP PO SN EB	PO OP	PO OP	OP	OP			OP	OP		
L3	OP PO SN EB	PO OP	PO OP	OP	OP			OP	OP		
L4	OP PO SN EB	PO OP	PO OP	OP	OP			OP	OP		
L5	OP PO SN EB	PO OP	PO 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

\* OSTEOPHYTES WERE FOUND UPON VARIOUS SURFACES OF THE VERTEB. THESE INCLUDE:-

Superior Body - C6-C7; T1-T12; L1-L5.

Inferior Body - C7; T1-T12; L1-L5.

Superior Process (Left) - T7; T9-T12; L1-L5.

Inferior Process (Left) - T12; L1-L5.

Costal Facets (Left) - T11

Superior Process (Right) - T7; T9-T12; L2-L5.

Inferior Process (Right) - C3; T2; T10; T12; L1-L5.

Costal Facets (Right) - T10-11.

\* Porosity was found upon the bodies of a number of vertebrae. These include:-

Superior Body - T3-T4; T7; T8-T12; L1-L5.

Inferior Body - T3; T6-T12; L1-L5.

\* T4-6 were fused together. This appears due to severe osteophytic growth around the rims of the superior and inferior surfaces of the bodies; & along the superior and inferior processes (both left and right).



705

1. Site Name OLR 00

2. Date of Record 16 02 01

3. Period P-M

4. Skeleton Number 705 5. Age 50+

6. Sex (tick one)  Male  Female  Unidentified

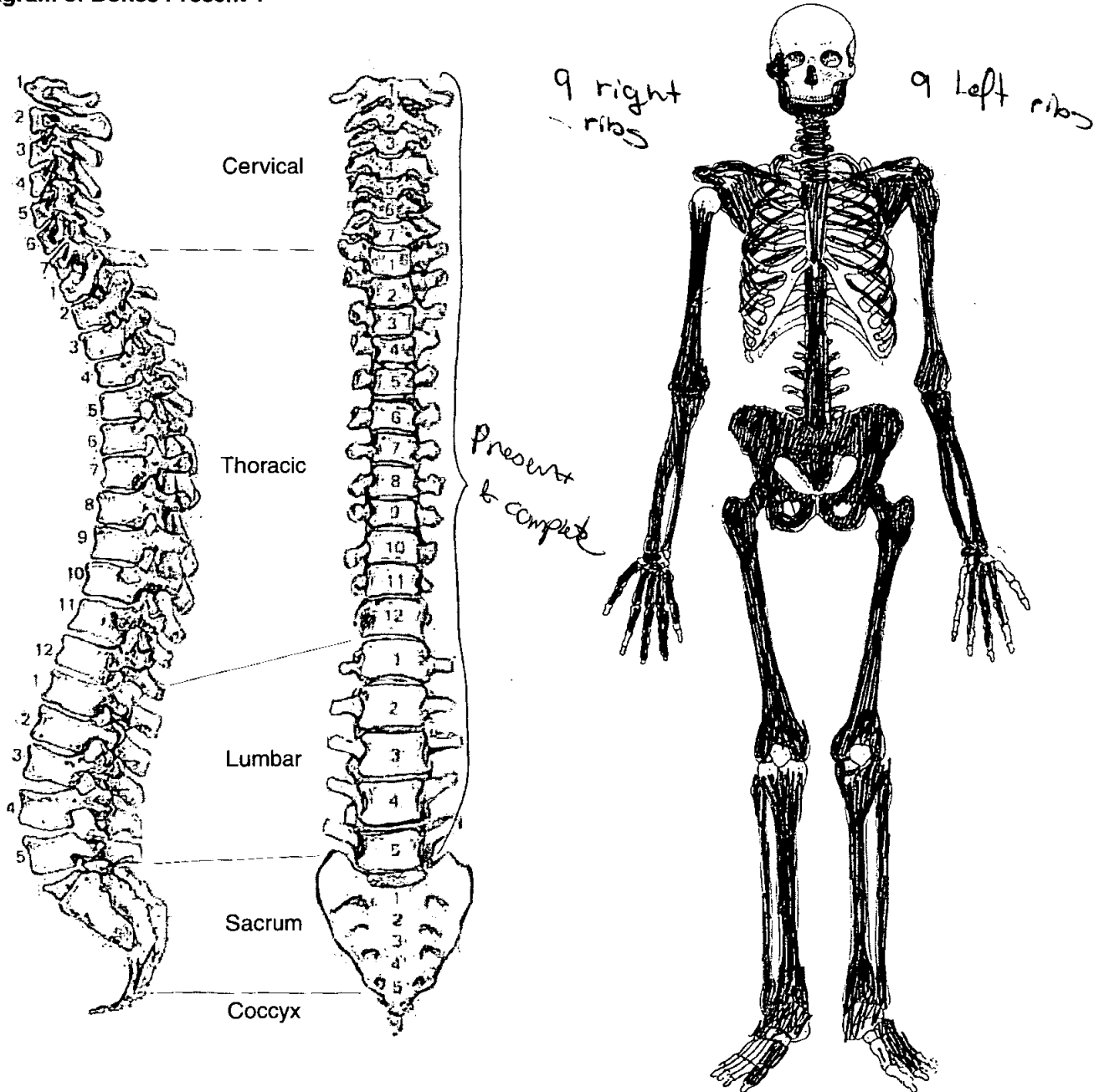
7. Stature 166.38 ± 2.99 cm

8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

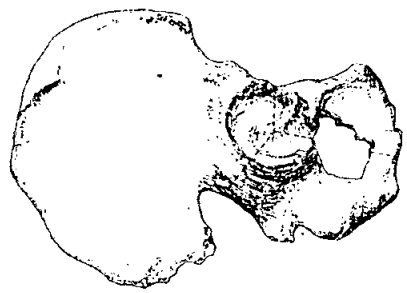
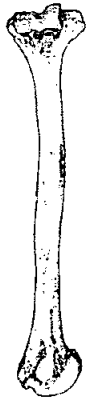
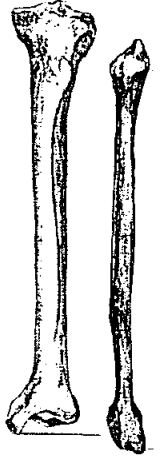
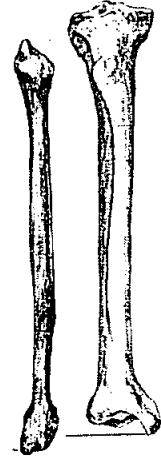
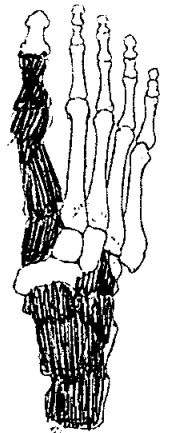
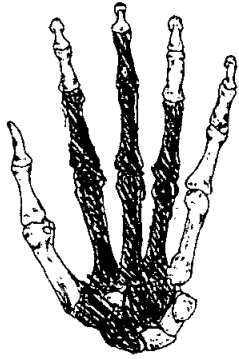
Fair

9. Summary of Pathological Conditions  
Soft tissue trauma - abrasion of muscle causing enthesopathy  
DJD - Right hand digits, OA = Right 1st Mt  
Spinal degenerative changes - ankylosis of thoracic elements

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

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀)

♂ phase V : mean 45.6 yrs

17. Sternal End of Ribs

♂ stage 8 : 65-78

18. Cranial Suture Closure

No cranium

19. Ilium Auricular Surface

50-59

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

M

27. Orbital Rims

**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

F?

34. Obturator Foramen

M?

35. Pelvic Brim

F

36. Acetabulum

M?

37. Ilium Auricular Surface

M

**Sacrum**

38. Segments

M

39. Morphology

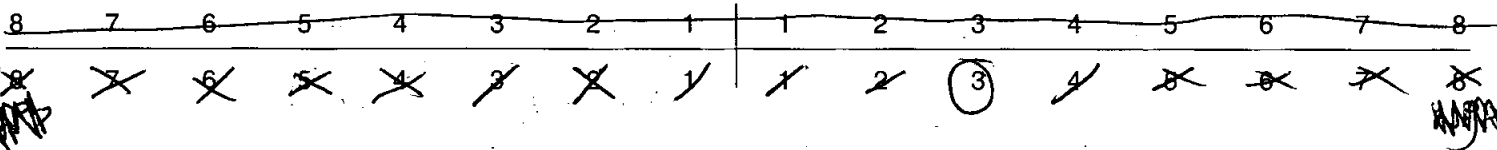
M

**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



41. Bite

Overbite     Underbite     Edge to Edge

42. Molar Attrition

M1

M2

M3

Mandible

Maxilla

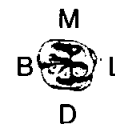
Left

Right

Left

Right

M1



M2

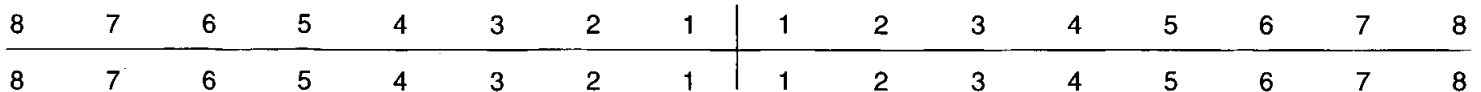


M3



43. Dental Hyoplasia

P = Pit    L = Line    G = Groove



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

LH  
MH  
DH  
BH

45. Periodontal Disease (Brothwell 1981)

S Slight - on right mandibular C.  
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

.....

.....

.....

.....

.....



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

Skeleton Recording Sheet (Adult)

705  
OLR 06

51. Humerus

	unaided	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 <del>double</del> /single		P	P
lateral bridge		A	A
posterior bridge		A	P
transverse foramen biparite		A	A

Pelvis

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

Sacrum

accessory facets		P	P
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
exostois in trochanteric fossa		P	P

Patella

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

Tibia

facet form <del>double</del>		A	A
facet form <del>single</del>		P	P

med. squart  
Lat. Squart

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 (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			30.60
Mandibular Angle MZ			
Bigonial Breadth OoGo			92
Max. Mandibular Length			73

53.

left

right

**Femur**

	440	
FeL1 Max. L	297	—
FeL2 Obl. L		
FeD1 A-P Subtroch DI	29.1	29.5
FeD2 M-L Subtroch DI	28.4	28.1
FeDs Max. DI Head		
C Midshaft Circ.		
FeEI Bicond Width	—	—

**Tibia**

TiL1 Max. L	353	—
TiB1 Bicond Width		
TiD1 A-P DI. Nut. For	35.0	34.2
TiD2 M-L DI. Nut. For	25.2	25.7

**Fibula**

FIL1 Max. L	351	—
-------------	-----	---

**Humerus**

HuL1 Max. L	307	—
HuD5 Max. DI Head	—	—
HC Midshaft Circ		

**Radius**

RaL1 Max. L	222	221
-------------	-----	-----

**Ulna**

UiL1 Max. L	237	235
-------------	-----	-----

**Clavicle**

CiL1 Max. L	—	—
-------------	---	---

54.

left

right

**Scapula**

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

37.6  
 [ ]

38.1  
 [ ]

**Atlas**

Max. Internal width

[ ] 29.7 [ ]

**Sternum**

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

[ ] 95.6  
 [ ] 38.3 [ ]

**Sacrum**

SacL Max. L  
 SacB Max. B

[ ] 109  
 [ ] 109 [ ]

**Indices**

**Cranial**

Height/Length  
 Height/Breadth

[ ] — [ ]  
 [ ] — [ ]

**Nasal**

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

[ ] — [ ]  
 [ ] — [ ]  
 [ ] — [ ]  
 [ ] — [ ]  
 [ ] — [ ]

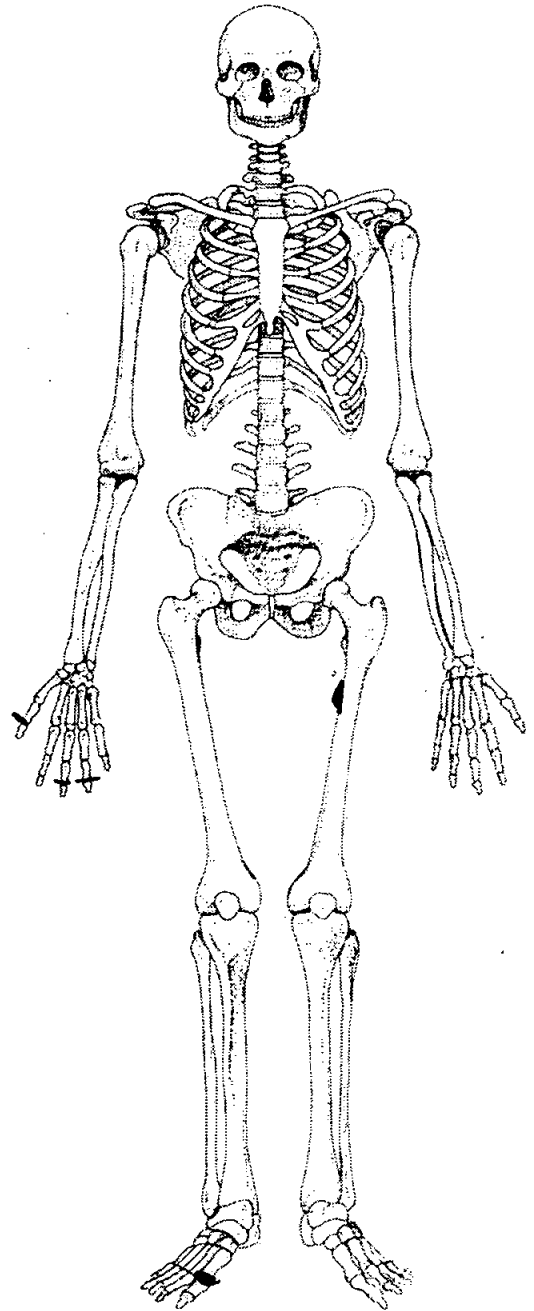
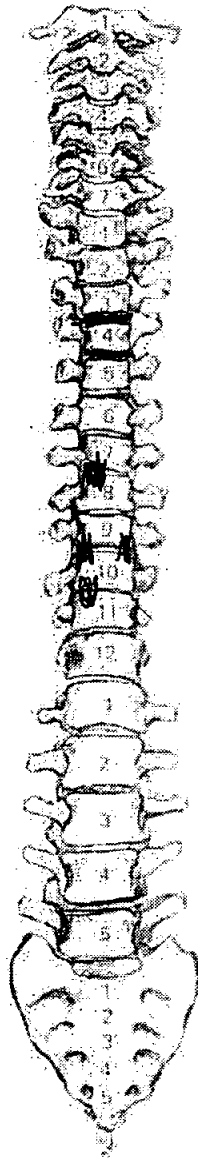
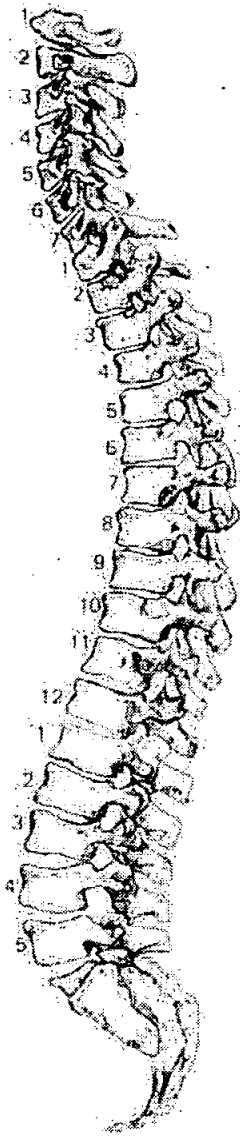
**Post Cranial**

Platymeric  
 Platymeric  
 Radio-Humeral  
 Robusticity

102.46  
 72  
 72.31  
 [ ]

104.98  
 75.15  
 [ ]  
 [ ]

55. Pathological Distribution



56. Pathological Description

Medical side of linea aspera (left femur) situated on distal end of the proximal 1/3 of the femoral shaft; on the pathology present measuring 33.7 mm (sup-inf) 8.6 mm med-lat. Caused by a muscle tear of Adductor brevis or Adductor Magnus. = soft tissue trauma. lesion is healed & longstanding.

osteophytes @ joint margins of intermediate phalanges - distal end of right hand, digits 1-3 & left hand digit 3. ~~distal end of right hand~~ osteophytes are moderate. = Degenerative. Right 1st Metatarsal - area of eburnation on inferior part of the head = osteoarthritis.

Antylosis of T3-5, T7-8, T9-11, osteophytes considerable in size & lesions due to degenerative changes - on vertebral bodies.

*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										
C2	OP PO SN EB		OP PO								
C3	OP PO SN EB										
C4	OP PO SN EB										
C5	OP PO SN EB										
C6	OP PO SN EB	OP-slight	OP-slight								
C7	OP PO SN EB	OP-slight	OP-slight								
T1	OP PO SN EB	OP-slight	OP-slight								
T2	OP PO SN EB	OP-slight	OP-slight								
T3	OP PO SN EB	OP-slight	OP-considerable							X	
T4	OP PO SN EB	OP = considerable	OP = considerable								
T5	OP PO SN EB	OP = considerable	OP = slight <del>considerable</del>								
T6	OP PO SN EB	OP-slight	OP = considerable SN							X	
T7	OP PO SN EB	SN OP = Medium	OP = considerable							X	
T8	OP PO SN EB	OP = considerable	OP = medium			X				X	
T9	OP PO SN EB	OP = Medium SN	OP = considerable			X				X	
T10	OP PO SN EB	OP = considerable	OP = considerable			X				X	
T11	OP PO SN EB	OP = considerable	SN			X				X	
T12	OP PO SN EB	SN				X				X	
L1	OP PO SN EB	SN OP = slight						OP	OP		
L2	OP PO SN EB				OP				OP		
L3	OP PO SN EB	OP = slight			OP				OP		
L4	OP PO SN EB	OP = slight		OP	OP			OP	OP		
L5	OP PO SN EB				OP				OP		

1. Site Name OL200

2. Date of Record 13 02 01

3. Period Post-Med

4. Skeleton Number 707 5. Age 40-49 Years

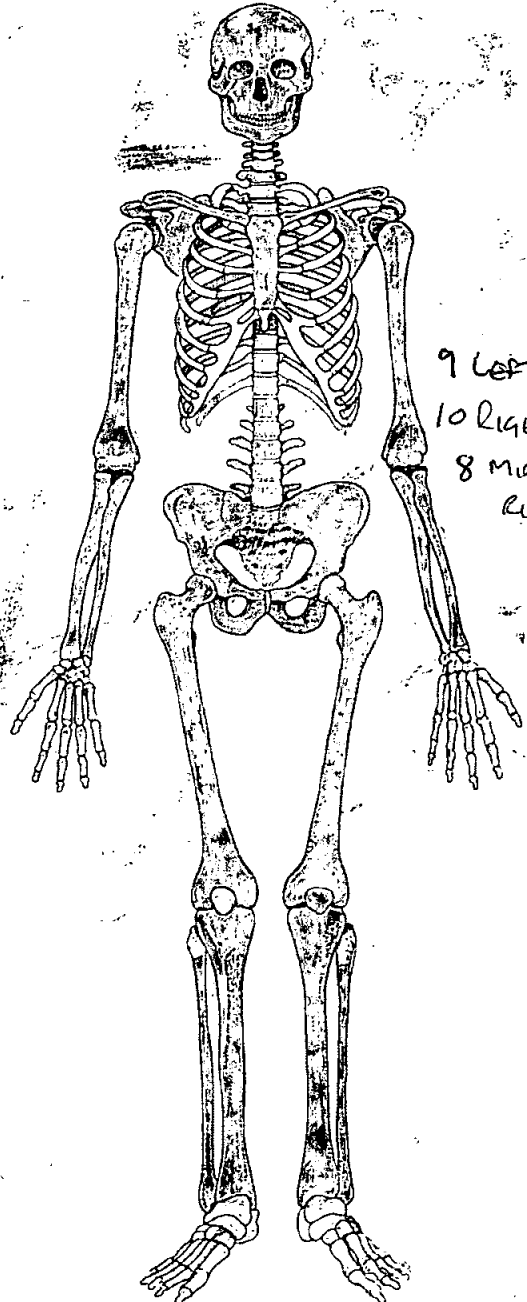
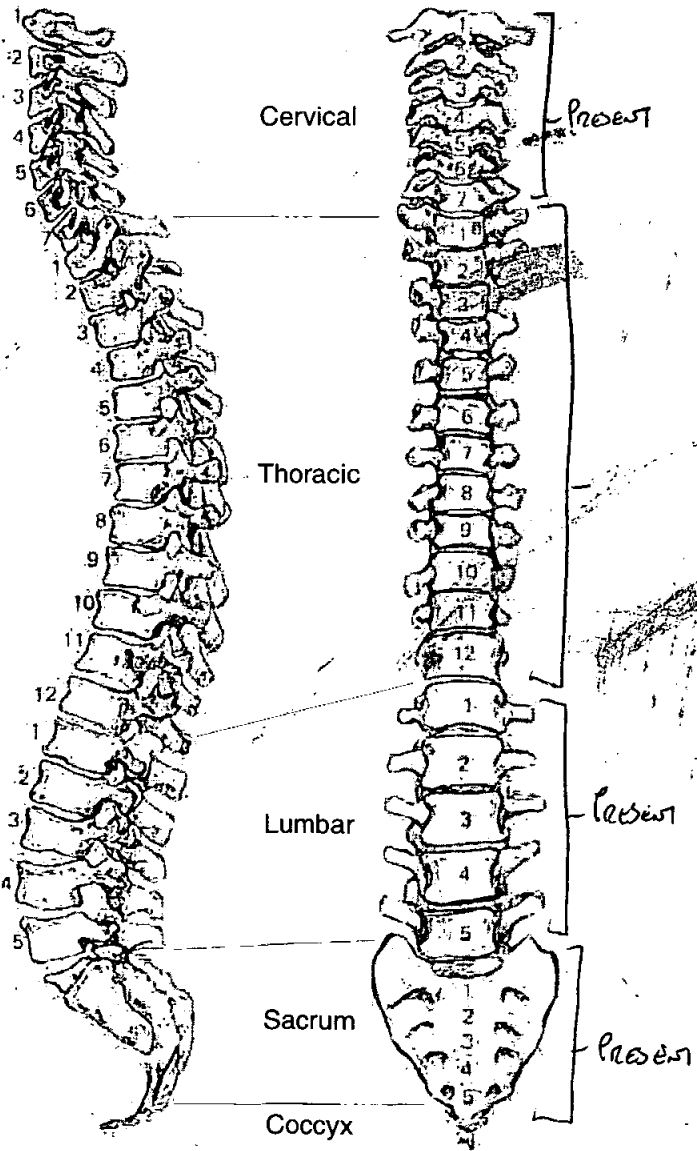
6. Sex (tick one)  Male  Female  Unidentified

7. Stature 165.47 ± 2.99 cm

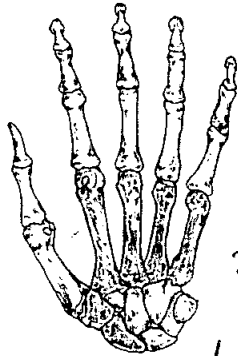
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions OSTEOPHYTES ON VERTEBRALS + SACRUM, TRAUMA TO FOOT PHALANX, OSSIFICATION OF COSTAL CARTILAGE; PROMINENCE OF MUSCLE ATTACHMENT

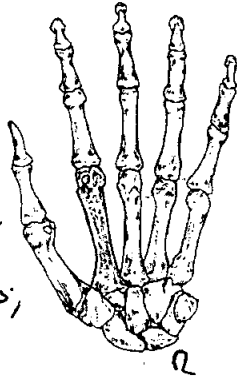
10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



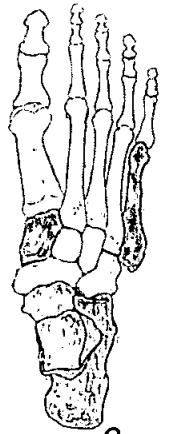
3 PROXIMAL PHALANXES;  
3 MIDDLE PHALANXES;  
1 DISTAL PHALANX



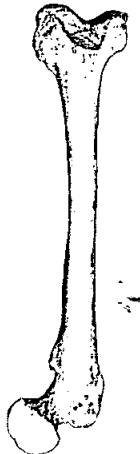
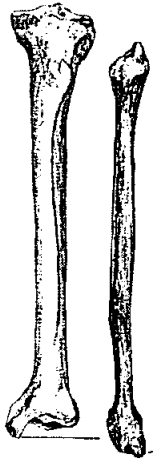
R



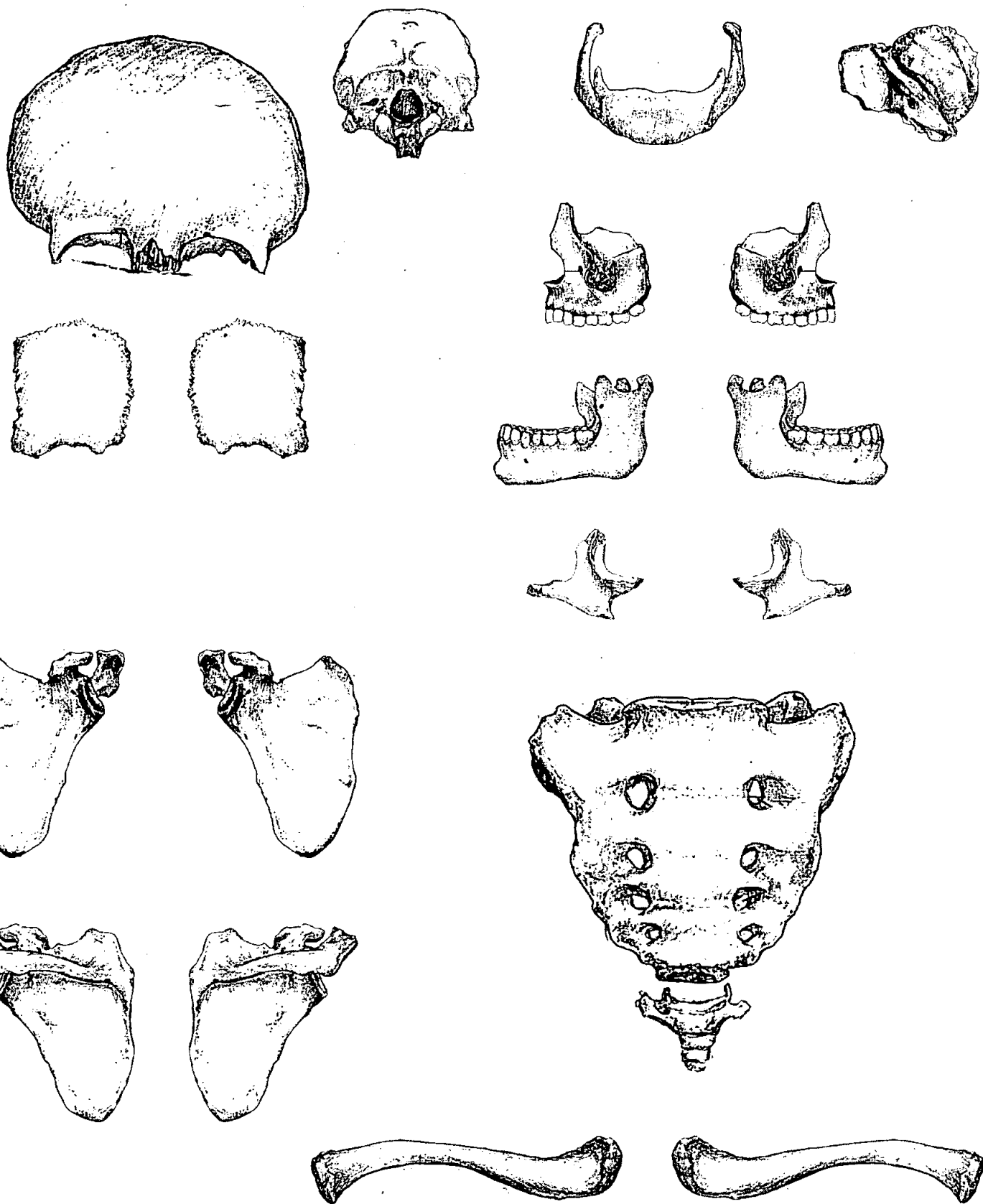
1 PROXIMAL PHALANX;  
2 DISTAL PHALANXES



R



12. Diagram of Bones Present 3





**Adult Age Estimation**

- 13. Epiphyseal Fusion STERNALE ENDS OF CLAVICLES FUSED C. 28+ YEARS.
- 14. Dental Eruption and Development ALL MOLAR TEETH SOCKETS HAD BEEN RE-ABSORBED. COULD NOT TELL WHICH MOLAR TEETH HAD BEEN THERE WHICH HAD NOT.
- 15. Dental Attrition MOLAR TEETH LOST A/M.
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀) STAGE 0 - C. 35-56.
- 17. Sternal End of Ribs /
- 18. Cranial Suture Closure C. 40-60 YEARS.
- 19. Ilium Auricular Surface STAGE VI - 45-49 YEARS.
- 20. Degenerative Joint Disease /
- 21. Comments AGED BETWEEN 40-49 YEARS ON BASIS OF P/S;  
C.S.C. & I.A.S.

**Sexing**

**Skull**

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

**Dentition**

40. Permanent

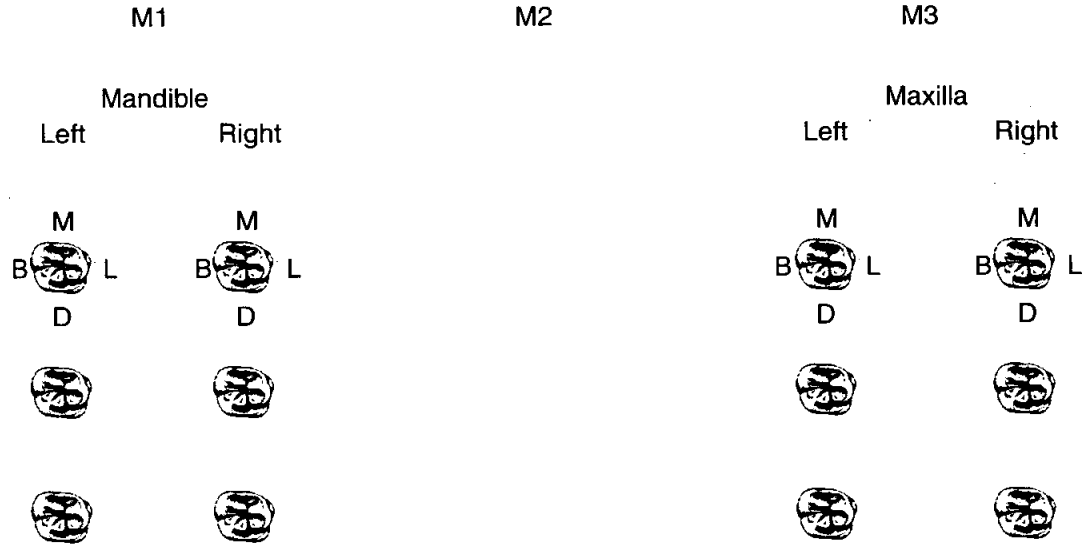
/ = Lost PM    X = Lost AM    B = Broken    C = Caries    A = Abscess    NP = Not Present  
 R = Root Only    U = Unerupted    E = Erupting    PE = Partial Eruption    PU = Pulp Exposed  
 - = Jaw Not Present

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

MOUS HAD BEEN LOST QUITE A WHILE BEFORE - SOCKETS HAD BEEN RE-ABSORBED TOTALLY ∴ CANNOT TELL IF M3 HAD EVER ERUPTED

41. Bite     Overbite     Underbite     Edge to Edge

42. Molar Attrition



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
L									1							
R									1							

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 48	R 50
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 79	R 72
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 47	R 44
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 21	R 21
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 29	R 30
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 145	R 150

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	A
Access Infraorb. For	→ A On Right; N/P on Left.
Zygomat. Facial. For	→ "
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	→ Double on Left + Right
Mastoid Foramen	A
Ant. Ethmoid Foramen	A
Post. Ethmoid Foramen	A
Anterior Condylar Canal	A
	A

# Skeleton Recording Sheet (Adult)

**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 <del>double</del> /single		✓	✓
lateral bridge	<del>A</del>	A	A
posterior bridge	<del>A</del>	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		✓	✓
third trochanter		A	A
hypotrochanteric fossa		A	A
exostois in trochanteric fossa		A	A

**Patella**

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

**Tibia**

facet form double		A	A
facet form single		✓	✓

**Calcaneus**

facet form double		A	A
facet form single		✓	✓

52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
Orbital Breadth (O'1)	INCOMPLETE	36	
Orbital Length (O'2)	INCOMPLETE	32	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			182
Max. Cranial Breadth (B)			148
Min. Frontal Breadth (B')			122
Basion Bregma height (H')			143
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			INCOMPLETE
Nasal Height (NH')			47
Nasal Breadth (NB)			19
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			39
Frontal Arc (S1)			33
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			137
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			26
Mandibular Angle MZ			
Bigonial Breadth OoGo			84
Max. Mandibular Length			129

**Skeleton Recording Sheet  
(Adult)**

53.

left

right

**Femur**

FeL1 Max. L	436	442
FeL2 Obl. L		
FeD1 A-P Subtroch DI	21	26
FeD2 M-L Subtroch DI	33	36
FeDs Max. DI Head	48	50
C Midshaft Circ.		
FeEI Bicond Width	79	72

**Tibia**

TiL1 Max. L	350	354
TiB1 Bicond Width	70	73
TiD1 A-P DI. Nut. For	38	34
TiD2 M-L DI. Nut. For	30	28

**Fibula**

FIL1 Max. L	incomplete	incomplete
-------------	------------	------------

**Humerus**

HuL1 Max. L	306	306
HuD5 Max. DI Head	47	44
HC Midshaft Circ.		

**Radius**

RaL1 Max. L	220	222
-------------	-----	-----

**Ulna**

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

**Clavicle**

CiL1 Max. L	145	150
-------------	-----	-----



54.

left

right

**Scapula**

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

**Atlas**

Max. Internal width

26

**Sternum**

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

111  
 46

**Sacrum**

SacL Max. L  
SacB Max. B

110  
 119

**Indices**

**Cranial**

Height/Length  
Height/Breadth

78.57  
 96.62

**Nasal**

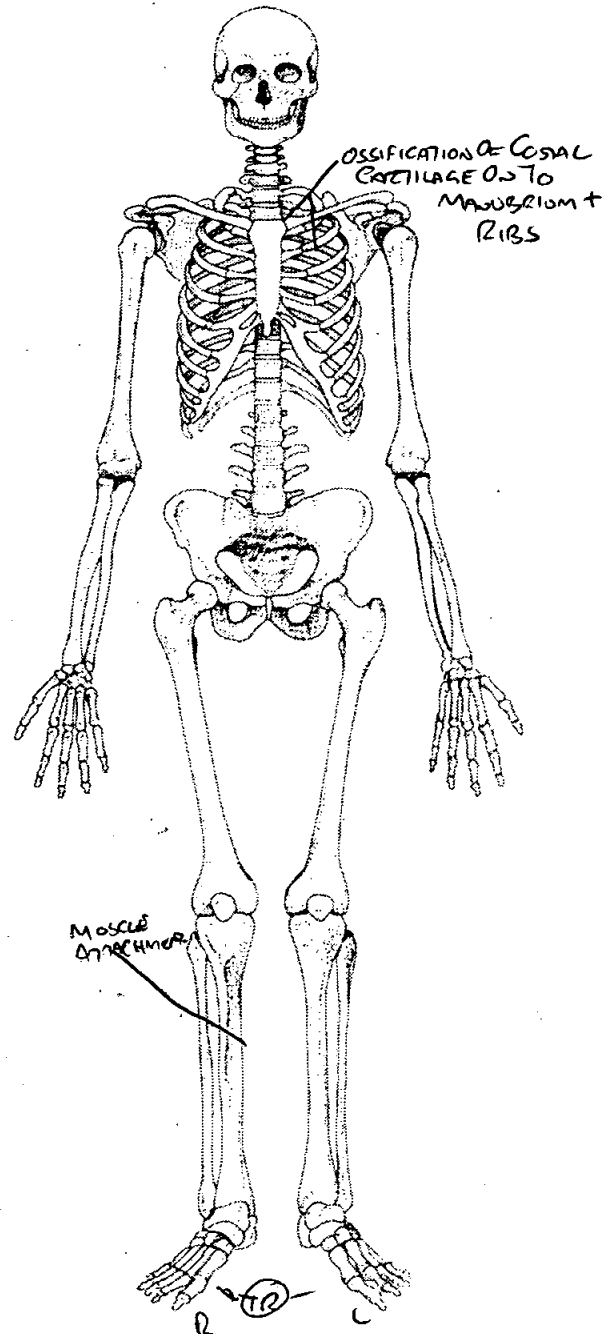
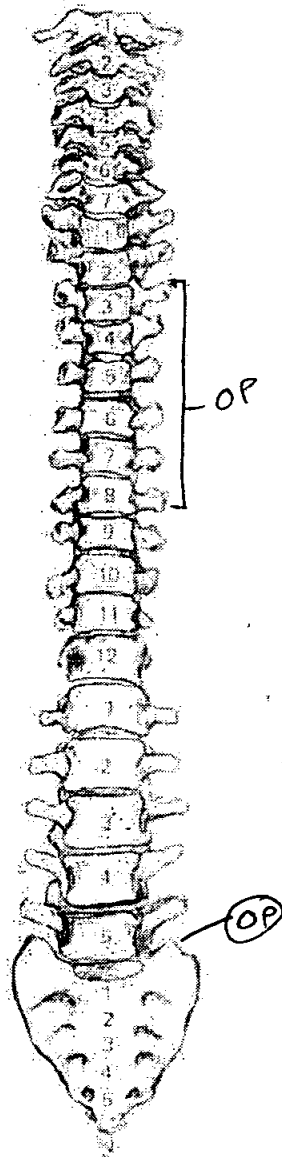
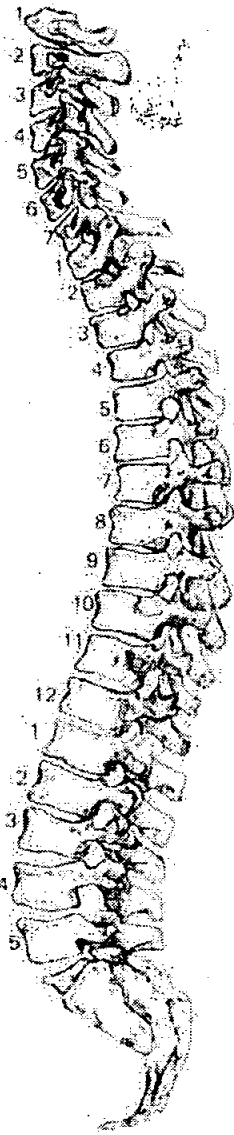
Upper Facial  
~~Foraminal Nasal~~  
Palatal  
Orbital  
Mean Porion Height

—  
 40.42  
 86.84  
 —

**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

55. Pathological Distribution



56. Pathological Description

- \* THE COSTAL CARTILAGE HAD BEGUN TO OSSIFY UPON THE BARS OF THE MANUBRIUM AND ALSO ON TO THE RIBS.
- \* OSTEOPHITES - THESE WERE FORMING UPON THE SACRAL ALAE (LEFT SIDE) UPON THE SUPERIOR LIM OF THE SURFACE.
- \* TRAUMA - FRACTURE OF AN UNSIDED DISTAL PHALANX OF THE FOOT. IT WAS FRACTURED AT THE BASE AND HAD MALUNITED; GIVING ITS SHAFT THE APPEARANCE OF HAVING ITS SHAFT DOUBLED IN SIZE.
- \* THE MUSCLE ATTACHMENT POINT FOR THE FLEXOR DIGITORUM LONGUS OPEN ON THE RIGHT TIBIA IS MORE PROXIMAL THAN NORMAL.
- \* OSTEOPHITES - THESE WERE FOUND UPON THE SUPERIOR BODY SURFACE OF VERTEBRAS 73-78 AND INFERIOR BODY SURFACE OF 73-78.

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	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										
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

All bones were very covered in mud + heavily stained. Therefore,  
any pathologies found upon them would have been ~~seen~~ hidden.

702

1. Site Name OLR 00

2. Date of Record 09 02 01

3. Period P-M

4. Skeleton Number 708 5. Age 45-60

6. Sex (tick one)  Male  Female  Unidentified

7. Stature 164.04 ± 2.99 cm

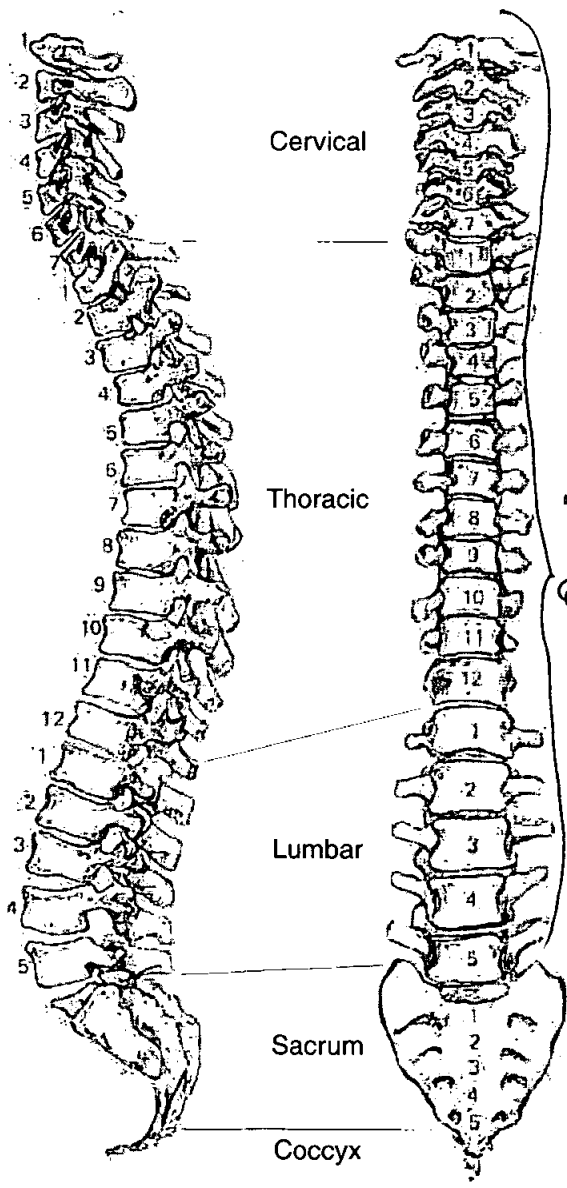
8. Preservation (tick one)  Excellent  Good  Poor  Destroyed

9. Summary of Pathological Conditions Healed ~~Gribs~~ <sup>porotic hyperostosis</sup> anaemia

Degenerative joint disease: Acromioclavicular joints, humeral heads, R+L prox. ulna, Left+right hands, left+right acetabulums, R+L knees, R+L 1st Mts.

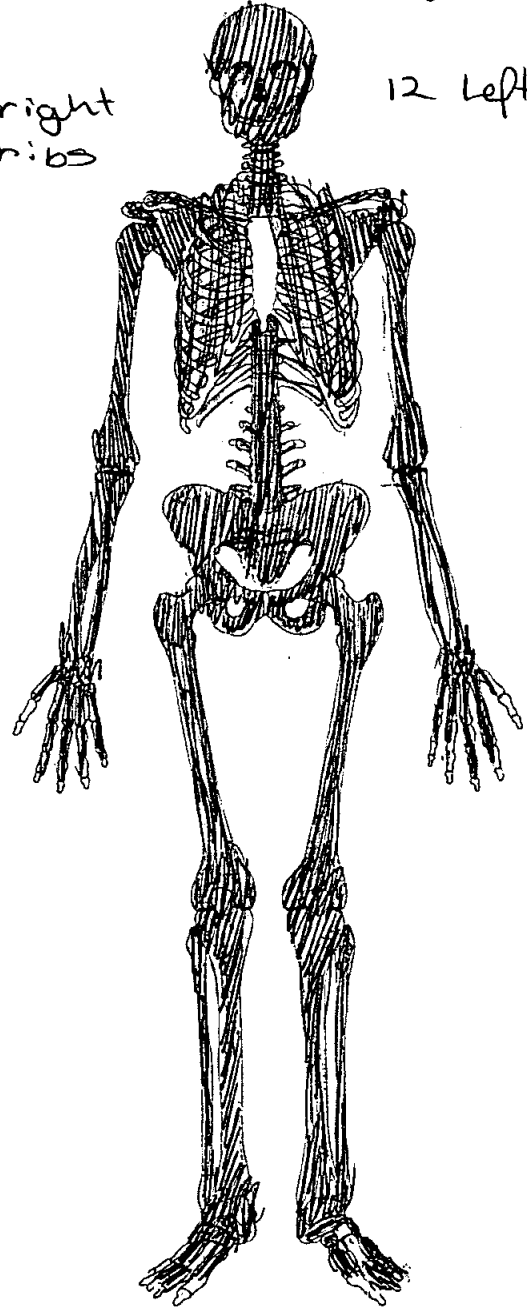
Osteoarthritis: Right wrist, Dental disease, Spinal degenerative disease + Schmorl's nodes, Non-specific infection, healed: Right ribs.

10. Diagram of Bones Present 1 Dentistry



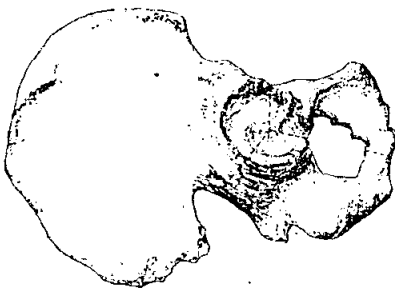
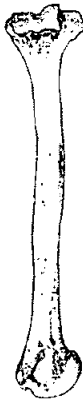
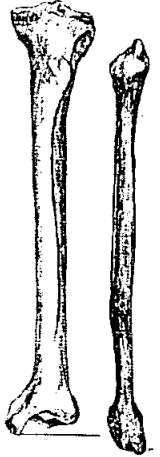
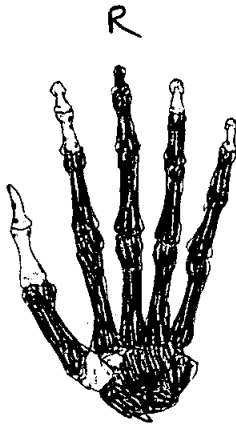
12 right ribs

12 left ribs



All present & complete

11. Diagram of Bones Present 2



**Adult Age Estimation**

13. Epiphyseal Fusion Fused + 28

14. Dental Eruption and Development

15. Dental Attrition M3 - Maxilla : 39

16. Pubic Symphyses

a. Todd (♂ & ♀)

b. McKern & Stewart (♂)

c. Gilbert and McKern (♀)

d. Suchey Brooks (♂ & ♀) ♂ phase I mean 45.6

17. Sternal End of Ribs ♂ Phase 6: 44.3 - 55.7

18. Cranial Suture Closure

19. Ilium Auricular Surface 50 - 60

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 M

26. Anterior Mandible M?

27. Orbital Rims F?

**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

F

34. Obturator Foramen

M

35. Pelvic Brim

M

36. Acetabulum

M

37. Ilium Auricular Surface

M

**Sacrum**

38. Segments

M

39. Morphology

M

**Sternum**





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 SL SD SM 8	SB															SM SL
	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8	
8	7 MME LME	6 /	5 LME DME MS	4 LS DS	3 LS	2 BME LS	1 /	1 BME	2 MME LME DS	3 LS DME	4 /	5 LS MS	6	7	8	

45. Periodontal Disease (Brothwell 1981)

(S) = Slight - Mandible  
 (M) = medium - Maxilla  
 C = Considerable

46. Caries (Lukacs 1989)

	Small	Medium	Large
Occusal	.....	.....	.....
Mesial	.....	.....	.....
Distal	.....	71	.....
Buccal / Labial	.....	.....	.....
Lingual	.....	.....	.....
Multiple	.....	.....	.....

47. Abscess

Internal Drain	3   13
External Drain	3

48. Dental Anomalies

2 dentures - dental bridges - are present  
 The left spans between lateral incisor & 1st premolar.  
 The canine is a crown-human tooth anchored in gold setting which encircles the pm1 & hooks around the I2. The canine crown is resting upon the root of the original canine. The right bridge is hooked around the right central incisor (distally) & the right I2 (mesially) 2 teeth, canine & 1st premolar are human dental crowns anchored in gold & the bridge is held steady by encircling the pm2. The "false" canine is suspended to the "false" pm1 is resting upon the root of the original pm1. See drawings on extra notes section.

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 48.24	R 47.66
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 82.90	R 83.0
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 47.88	R 46.78
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 22.50	R 23.3
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 26.5	R 27.3
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 154 155	R 159

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	L=P, R=A
Palatine Torus	P
Metopism	A
Lambdoid Ossicle	A
Coronal Ossicle	A
Epipteric Bone	L+R=A
Ossicle at Asterion	L+R=A
Parietal Notch Bone	L=A, R=P
Fronto-temporo Articulation	L+R=A
Parietal Foramen	L+R=A
Access Infraorb. For	L+R=A
Zygomat. Facial. For	L=1, R=0
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	P
Foramen Ovale	L+R=A (complete)
Supra-Orbital Foramen	L+R=A (notches)
Postcondylar facet	L+R=A
Foramen Spinosum	L+R=A
Posterior Cond. Canal	L+R=P
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		A	A
supra-conyloid process		A	A

Scapula

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

Atlas

facet form <del>double</del> /single		P	P
lateral bridge		A	A
posterior bridge		A	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	P
plaque		A	A
third trochanter		P	P
hypotrochanteric fossa		A	A
exostois in trochanteric fossa		P	P

Patella

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

Tibia

med. squath facet form <del>double</del>		P	A
lat. squath 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)	42.6	43.5	
Orbital Length (O'2)	37.2	37.4	
Basion-Asterion Chord (091)			
Malar Height (MH)			
Max. Cranial Length (L)			182
Max. Cranial Breadth (B)			144
Min. Frontal Breadth (B')			110.5
Basion Bregma height (H')			139
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			75.6
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			112.3
Nasal Height (NH')			52.7
Nasal Breadth (NB)			24.7
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			44.4
Frontal Arc (S1)			37.3
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			135
Foramen Ment. Breadth ZZ			200
Symphyseal Height HI			29.40
Mandibular Angle MZ			
Bigonial Breadth OoGo			101
Max. Mandibular Length			71.5

53.

left

right

**Femur**

FeL1 Max. L	—	433
FeL2 Obl. L	—	—
FeD1 A-P Subtroch DI	30.30	29.90
FeD2 M-L Subtroch DI	85.5	82.20
FeDs Max. DI Head	48.24	47.66
C Midshaft Circ.	—	—
FeEI Bicond Width	82.90	83.0

**Tibia**

TiL1 Max. L	—	342
TiB1 Bicond Width	—	73.70
TiD1 A-P DI. Nut. For	35.7	36.4
TiD2 M-L DI. Nut. For	25.88	26.88

**Fibula**

FiL1 Max. L	340	<del>330</del> 337
-------------	-----	--------------------

**Humerus**

HuL1 Max. L	314	318
HuD5 Max. DI Head	47.88	46.78
HC Midshaft Circ	—	—

**Radius**

RaL1 Max. L	228	234
-------------	-----	-----

**Ulna**

UiL1 Max. L	243	249
-------------	-----	-----

**Clavicle**

CiL1 Max. L	155	159
-------------	-----	-----

54.	left	right
<b>Scapula</b>		
GC2 Glen. Cav. L	38.9	40.60
GC2 Glan. Cav. B	26.5	27.30

<b>Atlas</b>		
Max. Internal width	37.50	

<b>Sternum</b>		
SL Max. L. Body	—	
ML max. L. Manbrium	—	

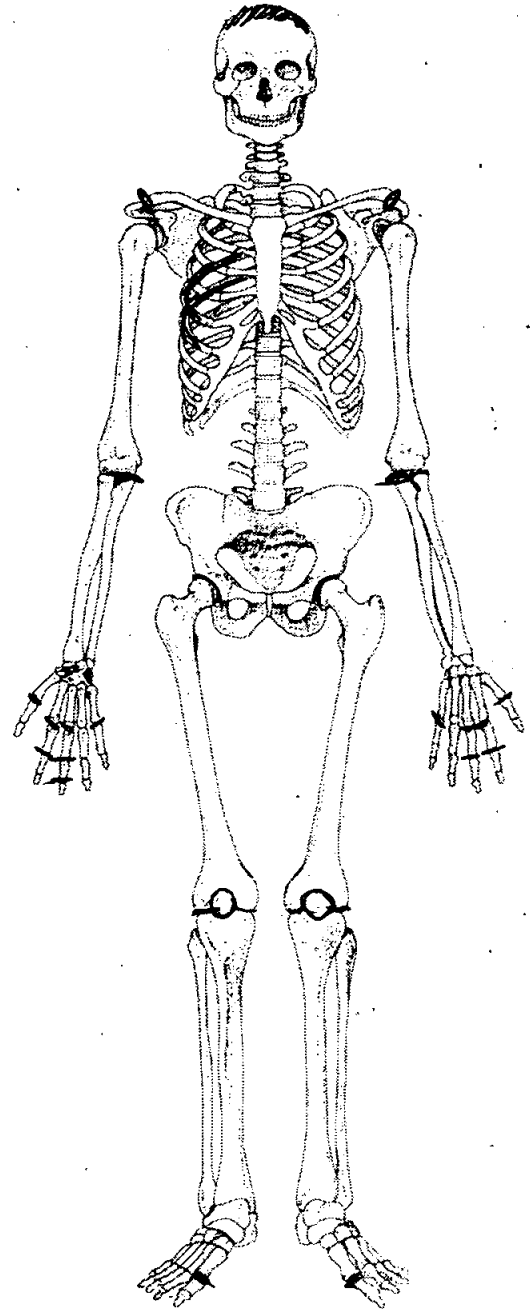
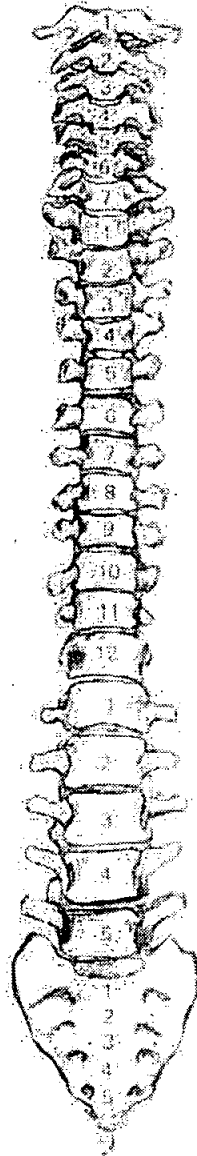
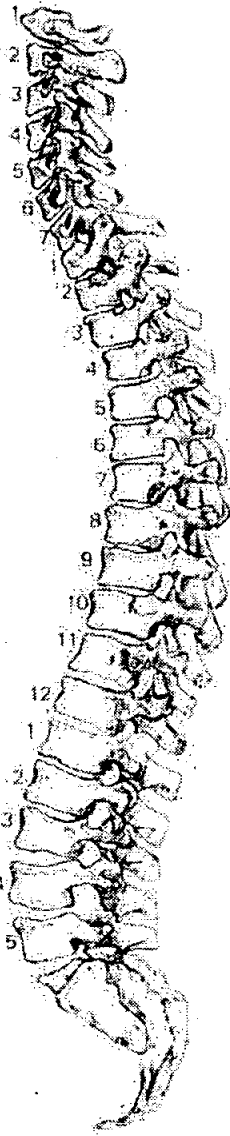
<b>Sacrum</b>		
SacL Max. L	120	
SacB Max. B	108.5	

Indices		
<b>Cranial</b>		
Height/Length	76.37	
Height/Breadth	96.52	

<b>Nasal</b>		
Upper Facial	76.37	
<del>Foramina</del> Nasal	46.87	
Palatal	84.00	
Orbital	87.32	85.98
Mean Porion Height	—	

<b>Post Cranial</b>		
Platymeric	85.35	92.80
Platycnemic	—	73.85
Radio-Humeral	72.61	73.58
Robusticity		

55. Pathological Distribution



56. Pathological Description

- \* Anterior portion of the parietals & the posterior part of the frontal bone is porous = porotic hyperostosis (anaemia) the lesions are healed.
- \* Acromioclavicular joints: Articulating surfaces are very porous: Degenerative joint disease (= DJD)
- \* Humeral heads (R+L) Slight osteophyte formations with surrounding the joint margins = DJD
- \* Right + Left Ulna: Slight osteophyte formations @ the margins of the olecranon, coronoid process & radial notch = DJD
- \* Right pisiform & triquetrum, articular surfaces: Area of eburnation present
- \* Slight osteophyte formation @ the joint margins of the pisiform = Osteoarthritis
- \* Right scaphoid: Articular surface to trapezoid: Area of slight eburnation present = Osteoarthritis (= OA) + 2nd 5th
- \* Right side; head of 1st Metacarpal & 2nd: Slight osteophyte formations surrounding the margins of the joint = DJD

→ over



\* Left 1st, 2nd, 3rd & 5th Metacarpals: Slight osteophyte formation @ the margin of the heads. = DJD

~~\* Phalanges of~~

\* Proximal phalanges of digit 2, 3, 5; Right & Left hand, Distal end has osteophyte formations @ the joint surface margins = DJD

\* Osteophytes are also present @ 2nd + 3rd digit DIP (Distal Interphalangeal) joint = DJD

\* Slight osteophyte formations @ the edge of the acetabular rims - both right & left = DJD

\* Left knee: Distal femur: Margins of condyles & patellar surface: Slight osteophyte formations; ~~distal~~ Inferiolateral part of the patellar surface area of moderate porosity and new bone deposits on the surface. Patella; osteophytes @ the articular surface margin = DJD

\* Right knee: Distal femur: Margins of condyles & patellar surface; slight osteophyte formations. ~~Distal~~ Inferiolateral part of the patellar surface is moderately porous with new bone formations medially to this area on the surface. Patella: also lipped with moderate porosity between the medial & lateral articular surface. Prox. tibia: Osteophyte formations @ edges of med. + lat. articular surfaces & intercondylar eminence.

\* R + L 1st ~~Metacarpals~~ Metatarsals: Heads slightly lipped: DJD

\* Right mid-cage ribs, 2 of; Periostitis on the visceral surface of the ribs, 1s healed & longstanding, = Non-specific infection (NI).

osteophytes on body key:  
s = slight  
M = Medium  
C = considerable

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
C1	OP PO SN EB										
C2	OP PO SN EB		PO <del>OP-S</del>								
C3	OP PO SN EB	<del>OP-S</del>	OP-S								
C4	OP PO SN EB	OP-S	OP-S						OP		
C5	OP PO SN EB	OP-M PO-M	OP-C PO-M								
C6	OP PO SN EB	OP-C PO	OP-M PO								
C7	OP PO SN EB	OP-S PO									
T1	OP PO SN EB		OP-S				OP PO				PO
T2	OP PO SN EB	OP-S	OP-S								
T3	OP PO SN EB	OP-S	OP-S				PO				
T4	OP PO SN EB	OP-S	OP-S								PO
T5	OP PO SN EB	OP-S	OP-C				PO				PO
T6	OP PO SN EB	OP-C	OP-S SN				PO				PO
T7	OP PO SN EB	OP-S	SN OP-S			X	PO			X	PO
T8	OP PO SN EB	OP-S	OP-S SN			X	OP			<del>OP</del>	OP PO
T9	OP PO SN EB	OP-C	OP-C SN			PO OP	PO			PO OP	
T10	OP PO SN EB	OP-S	OP-S SN			X	OP			X	
T11	OP PO SN EB		SN				OP PO				OP PO
T12	OP PO SN EB	SN					OP PO				OP PO
L1	OP PO SN EB		OP-S								
L2	OP PO SN EB	SN OP-S	OP-S	OP	OP						
L3	OP PO SN EB	SN OP-S	SN OP-S PO	OP	OP			OP	OP		
L4	OP PO SN EB	SN OP-M PO	OP-S	OP	OP			OP	OP		
L5	OP PO SN EB	SN OP-M PO	PO OP-S	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

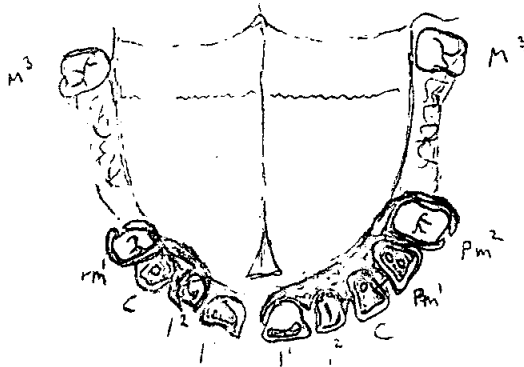
9 = TRANS. PROC

10 = COSTAL FACETS

59. Further notes

Dentures :

Occlusal ~~view~~ view:  
of maxillary dentition.

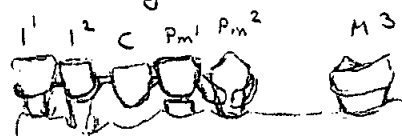


Left side  
Buccal view



Buccal view

Right side



# Skeleton Recording Sheet (Adult)

1. Site Name OL200

2. Date of Record 

15	02	01
----	----	----

3. Period Post-Med

4. Skeleton Number 

209					
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5. Age 

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6. Sex (tick one)  Male  Female  Unidentified

20-29 YEARS.  
(PROBABLY CLOSE TO 24-27 THOUGH)

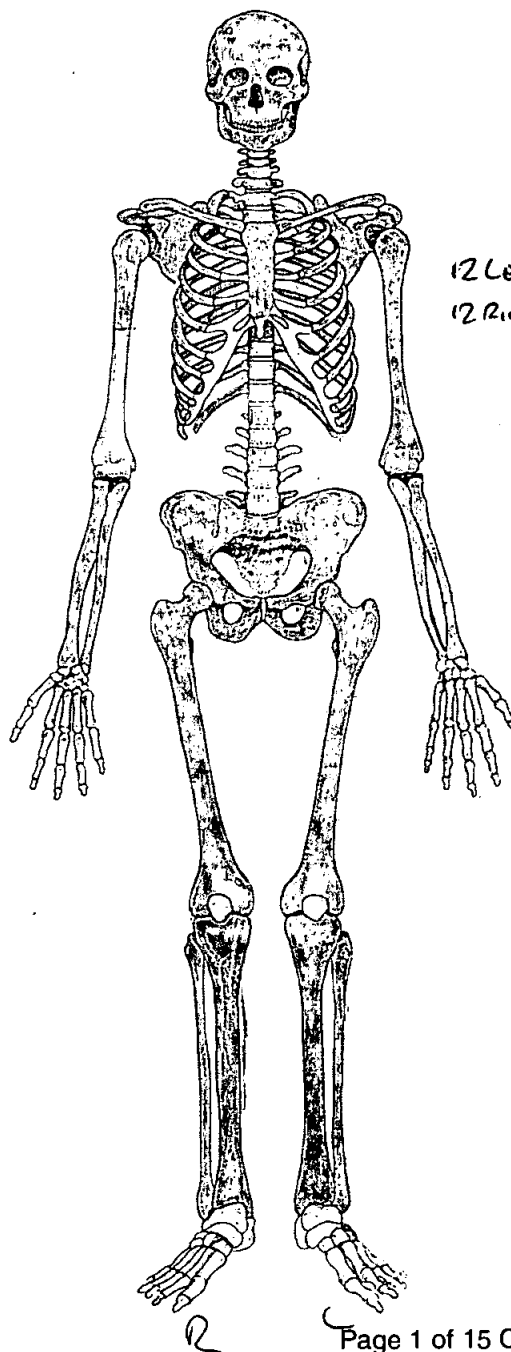
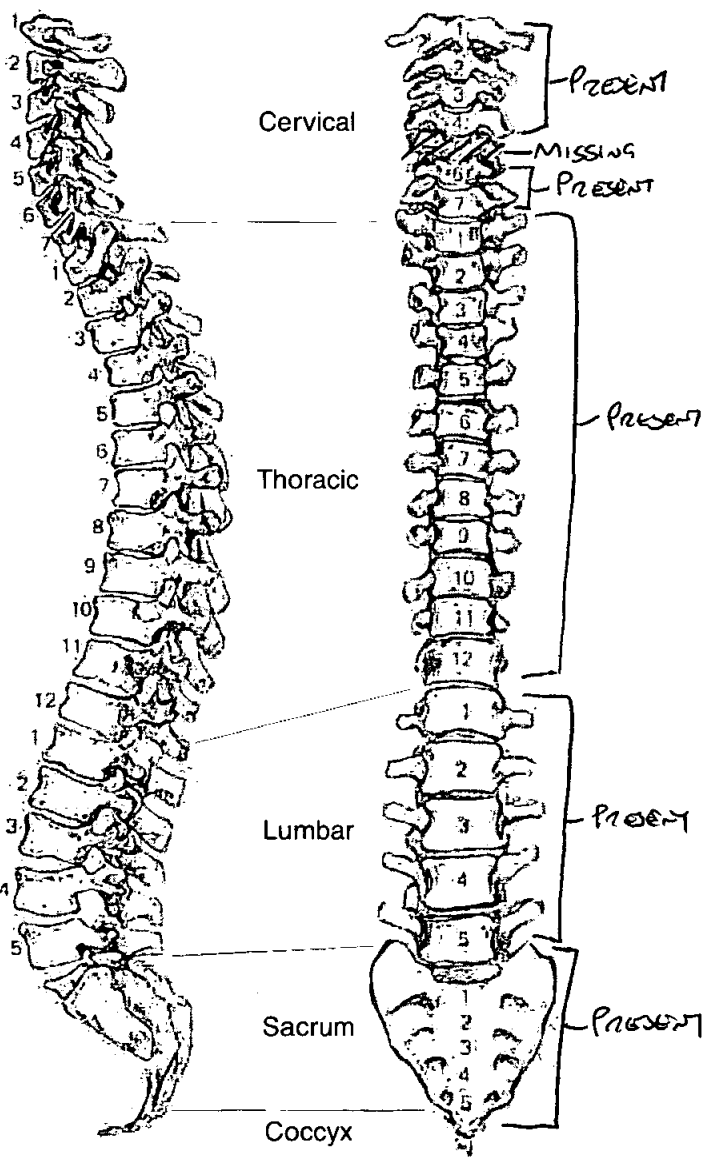
7. Stature 167.42 ± 2.99 cm

8. Preservation (tick one)  Excellent to  Good  Poor  Destroyed

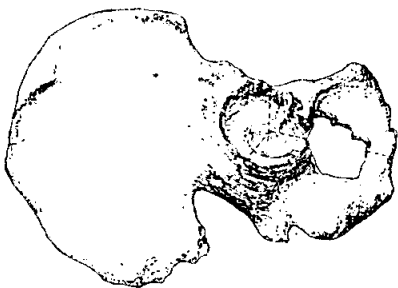
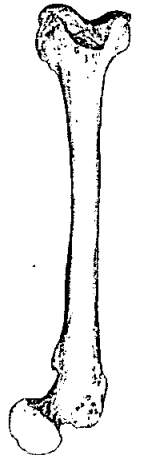
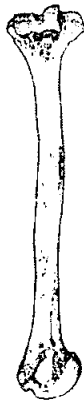
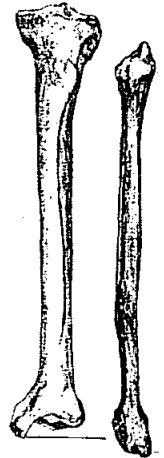
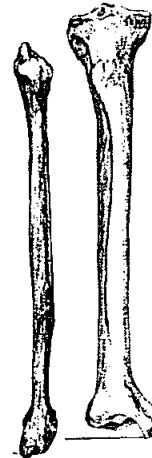
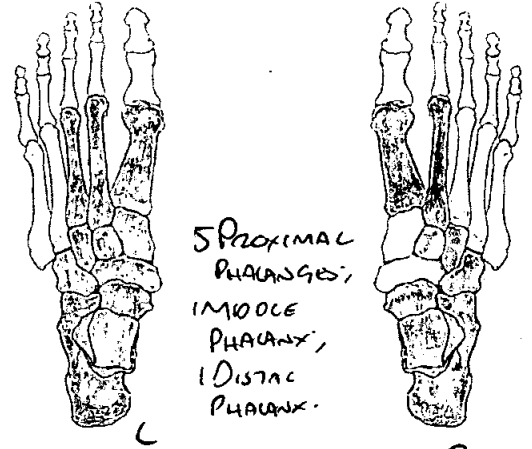
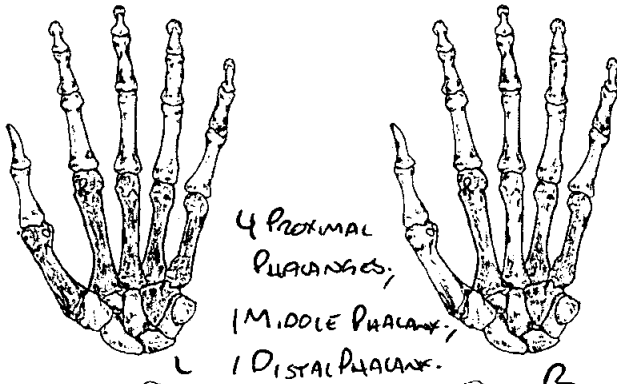
9. Summary of Pathological Conditions DENTAL OVERCROWDING; M3 IMPACTION; OSTEOPHYTES; SCUMORIS NODOS; PORCINE HYPOSTASIS

\*HIGHEST NUCHAL LINE\*

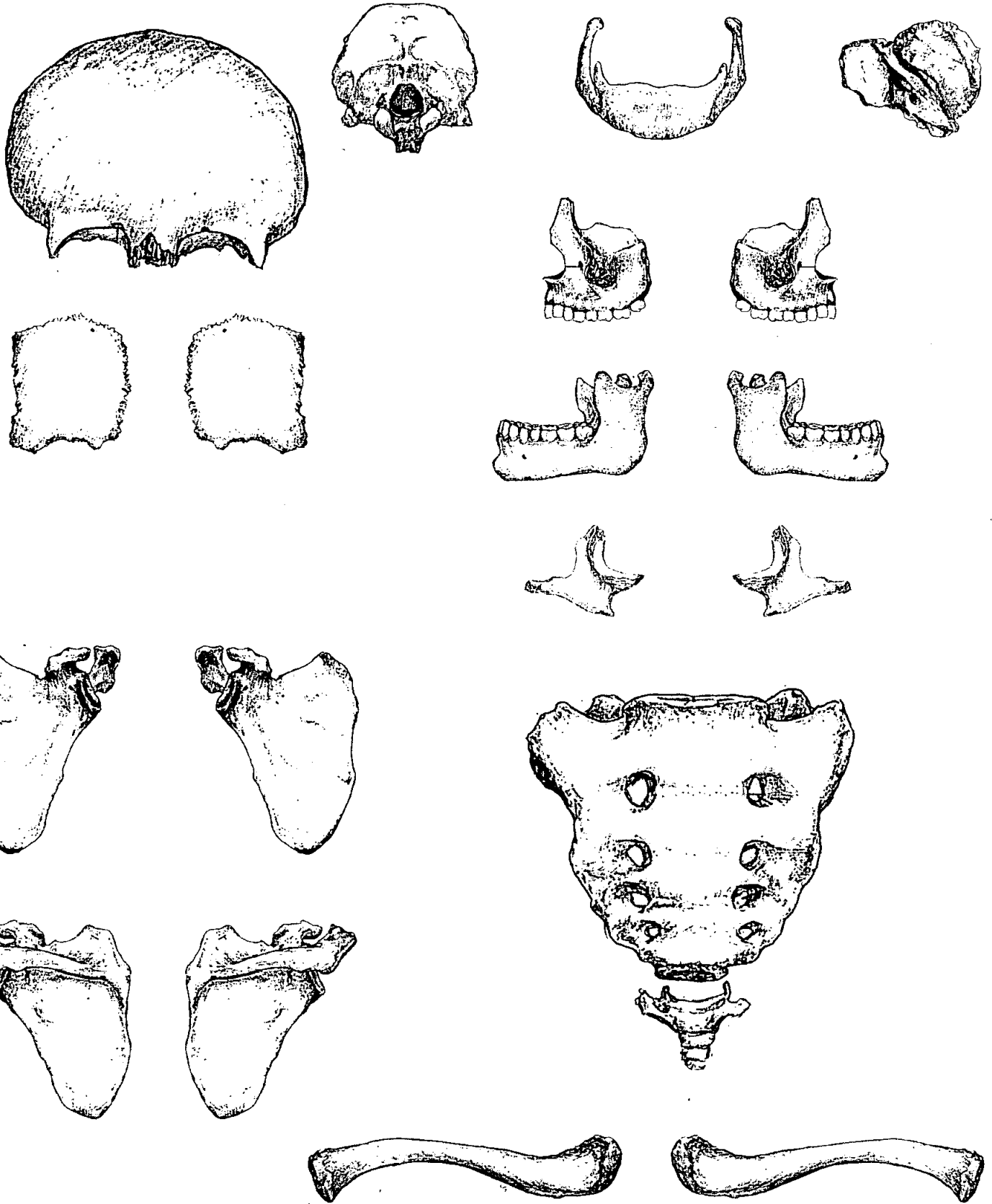
## 10. Diagram of Bones Present 1



11. Diagram of Bones Present 2



12. Diagram of Bones Present 3



**Adult Age Estimation**

- 13. Epiphyseal Fusion C. 20+ YEARS - HEAD OF HUMERAL FUSED - STERNAL ENDS OF CLAVICLES NOT FUSED.
- 14. Dental Eruption and Development MAXILLARY MB'S ERUPTED (MANDIBULAR MB'S IMPACTED) - C. 18+ YEARS
- 15. Dental Attrition SI - C. 24 YEARS EI - C. 18-25 YEARS.
- 16. Pubic Symphyses
  - a. Todd (♂ & ♀)
  - b. McKern & Stewart (♂)
  - c. Gilbert and McKern (♀)
  - d. Suchey Brooks (♂ & ♀) LEFT + RIGHT OS COXAE - STAGE 2: 20-27 YEARS.
- 17. Sternal End of Ribs PHASE 4 - C. 24-28 YEARS.
- 18. Cranial Suture Closure NOT ATTEMPTED.
- 19. Ilium Auricular Surface LEFT + RIGHT OS COXAE - STAGE 2: 25-29 YEARS.
- 20. Degenerative Joint Disease NOT ATTEMPTED.
- 21. Comments AGED AS BETWEEN 20-29 YEARS; PROBABLY CLOSER TO 24-27 THOUGH.

**Sexing**

**Skull**

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

# Skeleton Recording Sheet (Adult)

## Pelvis

28. Sciatic Notch FEMALE

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





44. Calculus (Brothwell 1981)

Position	Severity
O = Occlusal	F = Flecks
D = Distal	S = Slight
L = Lingual	ME = Medium
B = Buccal	H = Heavy
M = Mesial	
A = All sides	

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 - 31 & 41 + 13.  
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

- ① BOTH MANDIBULAR M3'S ARE IMPACTED IN THE JAW... BOTH HAVE HAD THEIR OCCLUSAL SURFACES ROTATED ANTERIORLY TO THE FRONT OF THE JAW BY SOME 75°
- ② DENTAL OVERCROWDING CAN BE NOTED BETWEEN 11, 12, 13, & 14. (POSSIBLY AS A RESULT OF THE IMPACTED M3 -
- ③ SLIGHT DENTAL OVERCROWDING IS NOTICEABLE BETWEEN 31, 41 & 51 & 13, 14 & 15.

49. Metrical Data

Femoral Head Diameter >48mm = ♂, <43mm = ♀	L 40	R 41
Femoral Bicondylar Width >76mm = ♂, <74mm = ♀	L 72	R 77
Humerus Head Diameter >47mm = ♂, <43mm = ♀	L 41	R 41
Radius Head Diameter >23mm = ♂, <21mm = ♀	L 20	R 19
Scapula Glenoid Cavity Width >26.6mm = ♂, <26.1mm = ♀	L 21	R 22
Clavicle maximum Length >150mm = ♂, <133mm = ♀	L 147	R 149

50. Cranial Non-metrics

¥ A - Absent.

Highest Nuchal Line	Present On Left + Right.
Ossicle at Lambda	✓
Bregmatic Bone	A
Access. Lesser Pal. For	A
Palatine Torus	A
Metopism	A
Lambdoid Ossicle	Present On Left + Right.
Coronal Ossicle	A
Epipterice 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
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 On Left; Present On Right.
Posterior Cond. Canal	A
Condylar Facet	Missing A
Mastoid Foramen	Single On Left + Right.
Ant. Ethmoid Foramen	A
Post. Ethmoid Foramen	A
Anterior Condylar Canal	A

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51. Humerus

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

Scapula

	unsided	left	right
supra-scapular foramen/notch		A	A
acromial articular facet		A	A

Atlas

	unsided	left	right
facet form <del>double</del> /single		A ✓	✓
lateral bridge		A	A
posterior bridge		A	A
transverse foramen biparite		A	A

Pelvis

	unsided	left	right
accessory facets		A	A

Sacrum

	unsided	left	right
accessory facets		A	A
spina bifida occulta	A		

Femur

	unsided	left	right
allen's fossa		A	A
polirier's facet		A	A
plaque		A	A
third trochanter		A	A
hypotrochanteric fossa		A	A
exostois in trochanteric fossa		A	A

Patella

	unsided	left	right
vastus notch		<del>/</del>	<del>/</del>
vastus fossa		<del>/</del>	<del>/</del>
emarginate patella		<del>/</del>	<del>/</del>

Tibia

	unsided	left	right
facet form double		A	A
facet form single		✓	✓

Calcaneus

	unsided	left	right
facet form double		A	A
facet form single		✓	✓

52.

left

right

unsided

**Cranial and Facial Metrics**

Porion Bregma Height			
Orbital Breadth (O'1)	36	36	
Orbital Length (O'2)	36	36	
Basion-Asterion Chord (O91)			
Malar Height (MH)			
Max. Cranial Length (L)			196
Max. Cranial Breadth (B)			140
Min. Frontal Breadth (B')			117
Basion Bregma height (H')			148
Basion-Nasal Length (LB)			
Basion-Alveolare (GL)			
Upper Facial Height (G'M)			
Bimaxillary Breadth (GB)			
Bizygomatic Breadth (J)			120
Nasal Height (NH')			58
Nasal Breadth (NB)			24
Sup. Nasal Breadth (NB')			
Palatal Length (G'1)			
Palatal Breadth (G'2)			51
Frontal Arc (S1)			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			113
Foramen Ment. Breadth ZZ			
Symphyseal Height HI			28
Mandibular Angle MZ			
Bigonial Breadth OoGo			82
Max. Mandibular Length			126

# Skeleton Recording Sheet (Adult)

53.

left

right

**Femur**

FeL1 Max. L	439	447
FeL2 Obl. L		
FeD1 A-P Subtroch DI	27	26
FeD2 M-L Subtroch DI	32	29
FeDs Max. DI Head	40	41
C Midshaft Circ.		
FeEI Bicond Width	72	77

**Tibia**

TiL1 Max. L	362	363
TiB1 Bicond Width	71	71
TiD1 A-P DI. Nut. For	31	33
TiD2 M-L DI. Nut. For	23	24

**Fibula**

Fil1 Max. L	351	349
-------------	-----	-----

**Humerus**

HuL1 Max. L	306	Incomplete
HuD5 Max. DI Head	41	41
HC Midshaft Circ		

**Radius**

RaL1 Max. L	231	227
-------------	-----	-----

**Ulna**

UiL1 Max. L	250	248
-------------	-----	-----

**Clavicle**

CiL1 Max. L	147	149
-------------	-----	-----

54.

left

right

**Scapula**

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

**Atlas**

Max. Internal width

29

**Sternum**

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

100  
39

**Sacrum**

SacL Max. L  
SacB Max. B

118  
102

**Indices**

**Cranial**

Height/Length  
Height/Breadth

75.51  
105.71

**Nasal**

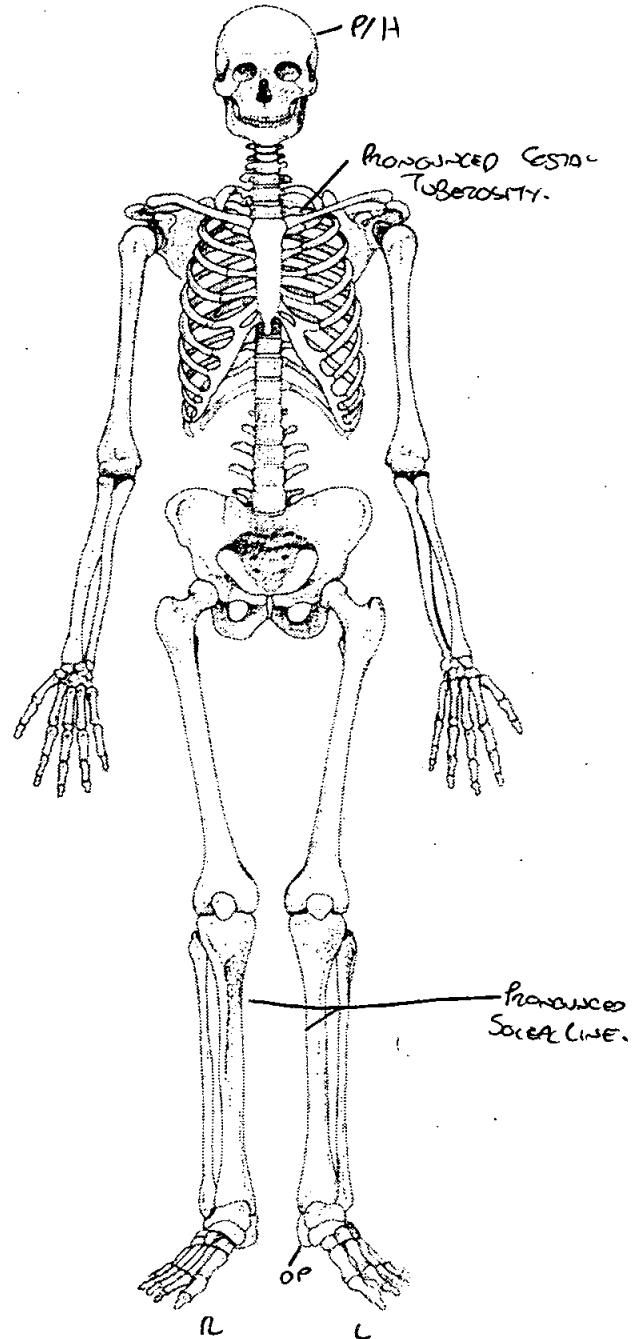
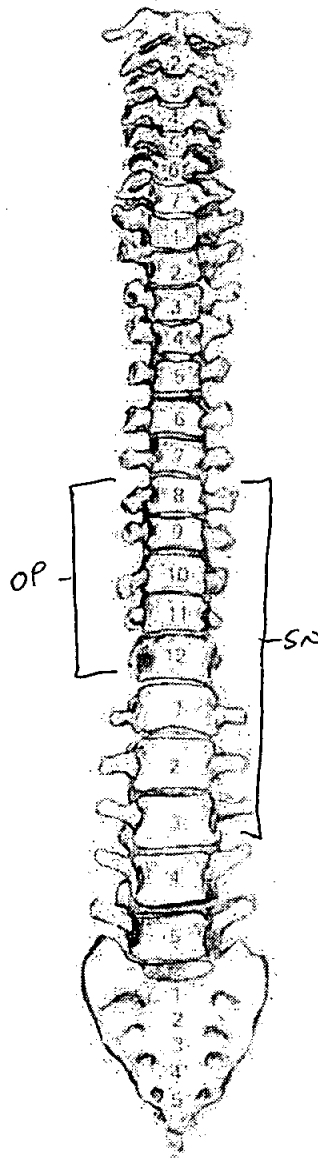
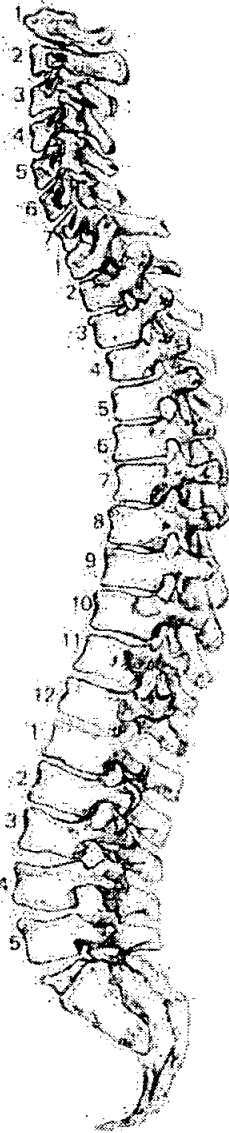
Upper Facial  
~~Foraminal~~ Nasal  
Palatal  
Orbital  
Mean Porion Height

41.38  
74.51

**Post Cranial**

Platymeric  
Platycnemic  
Radio-Humeral  
Robusticity

55. Pathological Distribution



56. Pathological Description

- \* Soreal Line On Left + Right Tibia's Is Quite Pronounced.
- \* OSTEOPHYTES - THE HEAD OF THE RIGHT CALCANEUS HAS SLIGHT OSTEOPHYTIC GROWTH UPWARDS.
- \* POROTIC HYPOSTOSIS - THE LEFT AND RIGHT PARIETALS; ESPECIALLY DISTALLY SHOW BONE GROWTH AND TRANSFORMATIONS ASSOCIATED WITH POROTIC HYPOSTOSIS. THE LEFT PARIETAL IS FAR MORE SEVERE THAN THE RIGHT.
- \* THE COSTAL TUBEROSITY ON THE LEFT CLAVICLE IS MORE PRONOUNCED THAN WOULD USUALLY BE EXPECTED.
- \* SCHMORL'S NODS WERE FOUND ON:
  - SUPERIOR SURFACE: T8 - L3
  - INFERIOR SURFACE: T7 - L2
- \* OSTEOPHYTES WERE FOUND ON:
  - LEFT SUPERIOR PROCESS: T8 - T12
  - (RIGHT) SUPERIOR PROCESS: T8 - T12



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		SN								
T8	OP PO SN EB	SN	SN	OP				OP			
T9	OP PO SN EB	SN	SN	OP				OP			
T10	OP PO SN EB	SN	SN	OP				OP			
T11	OP PO SN EB	SN	SN	OP				OP			
T12	OP PO SN EB	SN	SN	OP				OP			
L1	OP PO SN EB	SN	SN								
L2	OP PO SN EB	SN	SN								
L3	OP PO SN EB	SN									
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