

Site: Antwerpen St.-Paulus crypte
Datum: 15/02/21

Ind. Nr: 2

Waarnemer: Nandy Delman

Algemeen	Site	Antwerpen St.-Paulus crypte		
	Projectcode	2020-3511	Orientatie	W-O
	Werkput	1	Houding	uitgestrekt op de rug
	Vlak		Bewaring	gemiddeld - slecht
	Spoor LAAG	1 5 (Köt), 3 (IND)	Geassocieerd materiaal	

Bio. ID	Leeftijd	Volwassen
	Geslacht	vermoedelijk mannelijk (weinig geslacht kenmerken aanwezig)
	Lengte	168,20 - 174,20 (o.b.v. femur + tibia)
	Pathologie	pericostitis distal femur, Peroneal tibia Ontsteking r.H.v. ligamenteer laterale enkel

Opmerkingen:

Bone	Left	Right	Bone	
Parietal	A	A	Frontal	A
Temporal	A	A	Occipital	A
Maxilla	A	A	Sphenoid	A
Nasal	A	A	Vomer	A
Zygomatic	A	A	Ethmoid	A
Lacrimonal	A	A	Hyoid	A
Palatine	A	A		
Mandibular body	A	A	Manubrium	A
Mandibular ramus	A	A	Sternum	A
Ossicles	A	A	Xiphoid	A

Bone	Left	Right
Ilium	A	A
Ischium	C	F
Pubis	A	P
Patella	C	A

Scapula	Left	Right
Glenoid	A	A
Acromion	A	A
Coracoid	A	A
Body	A	A

	Scaph.	Lunate	Triq.	Pisi.	Trapezium	Trapezoid	Capi.	Ham.
Right	A	A	A	A	C	A	A	A
Left	A	A	A	A	A	A	A	A
	Talus	Calc.	Cub.	Nav.	M. Cun.	I. Cun.	L. Cun.	
Right	A	C	C	C	A	A	A	
Left	C	C	A	C	A	A	A	

LEFT	Head	Body	RIGHT	Head	Body
Rib 1			Rib 1		
Rib 2			Rib 2		
Rib 3-11			Rib 3-11		
Rib 12			Rib 12		
Fragmenten: 3 (L), 4 (R)					

HAND	Left	Right
Proximal	A	1
Intermediate	A	2
Distal	A	1

FOOT	Left	Right
Proximal	1	A
Intermediate	1	A
Distal	1	A

	Left	Right		Left	Right
MC 1	A	A	MT 1	C	C
MC 2	A	A	MT 2	A	A
MC 3	A	A	MT 3	L	A
MC 4	A	A	MT 4	L	A
MC 5	A	A	MT 5	L	A

Vertebrae	Body	NA
C1		
C2		
C3		
C4		
C5		
C6		
C7		
T1		
T2		
T3		
T4		
T5		
T6		
T7		
T8		
T9		
T10		
T11		
T12		
L1		
L2		
L3		
L4		
L5		
Extra		
Sacrum		
Coccyx		
Fragments		
Cervical		
Thoracic		
Lumbar		

Mogelijk aanwezig maar vergaan tot powder

Left					
Bone	PE	P1/3	M1/3	D1/3	DE
Clavicle	A	A	A	A	A
Humerus	A	L	F	A	A
Radius	A	A	A	P	A
Ulna	A	L	L	L	A
Femur	C	C	C	C	C
Tibia	C	C	C	C	C
Fibula	C	C	C	C	C

Right					
Bone	PE	P1/3	M1/3	D1/3	DE
Clavicle	A	A	A	A	A
Humerus	A	F	F	F	A
Radius	A	A	A	A	A
Ulna	A	A	A	A	A
Femur	A	A	A	A	A
Tibia	A	A	A	A	A
Fibula	A	A	A	A	A

Opmerkingen:

Grootendeels linker onderlichaam is compleet en goed bewaard, de rest van het lichaam is slecht bewaard of afwezig

C	Complete (>75%)
L	Largely (50-75%)
P	Partial (25-50%)
F	Fragment (<25%)
A	Absent

DENTAL INVENTORY + ANALYSIS

MAXILLA															
M3	M2	M1	PM2	PM1	C1	I2	I1	I1	I2	C1	PM1	PM2	M1	M2	M3
M3	M2	M1	PM2	PM1	C1	I2	I1	I1	I2	C1	PM1	PM2	M1	M2	M3

MANDIBLE

MAXILLARY

BUCCAL

OCCLUSAL

LINGUAL

Right 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 Left

32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17

OCCLUSAL

LINGUAL

BUCCAL

MANDIBULAR

P = Present
AM = Antemortem loss
PM = Postmortem loss
M = Missing
E = Erupting

Cc = Calculus
Ca = Caries
Ab = abscess
H = linear enamel hypoplasia
B = Bone loss

SEX ESTIMATION

Measurements (Bass 2005)		Left		Right	
		mm	Sex	mm	Sex
Clavicle	Max length (M>150; F<138)				
Scapula	Max glenoid width (M>29; F<26)				
	Max glenoid length (M>36; F<34)				
	Max length (M>151; M?>149; F?<144; V<140)				
Humerus	Vertical head diameter (M>47; F<44.9)				
	Epicondylar breadth (M>60.1; F<60.1)				
Femur	Max head diameter (M>48; F<43)	46.7	M?		
	Epicondylar breadth (M>76; F<74)	78.4	M		
Os coxae	Ischiopubic index (M = 52-71; F = 68 - 91)				

WEA degree of sexualisation - cranium =	$\frac{\sum Wx}{\sum W}$		=	
WEA degree of sexualisation - mandible =	$\frac{\sum Wx}{\sum W}$		=	
WEA degree of sexualisation - os coxae =	$\frac{\sum Wx}{\sum W}$		=	I

Site: *Ambwepen SPC*

Ind.nr: *2*

Cranial trait (midline)	Letter	Number	Weight	no x weight
Glabella			3	
Nuchal plane/crest			3	
Parietal & frontal bossing			2	
External occipital protuberance			2	
Frontal inclination			1	

WEA	Letter	non-WEA
-2	F	1
-1	F?	2
0	I	3
1	M?	4
2	M	5

Cranial trait (bilateral)	LEFT				RIGHT			
	Letter	Number	Weight	no x weight	Letter	Number	Weight	no x weight
Mastoid process			3				3	
Zygomatic process			3				3	
Supraorbital ridge			2				2	
Zygomatic bone			2				2	
Orbit shape & margin			1				1	

Mandible trait (midline)	Letter	Number	Weight	no x weight
Total aspect			3	
Mental eminence			2	

Mandible trait (bilateral)	LEFT				RIGHT			
	Letter	Number	Weight	no x weight	Letter	Number	Weight	no x weight
Gonial angle			1				1	
Inferior margin			1				1	

Pelvic trait	LEFT				RIGHT			
	Letter	Number	Weight	no x weight	Letter	Number	Weight	no x weight
Pre-auricular sulcus			3				3	
Greater sciatic notch			3				3	
Pubic arc/angle			2				2	
Arc composé			2				2	
Innominate bone			2				2	
Obturator foramen			2				2	
Ischial body	<i>I</i>	<i>O</i>	2	<i>O</i>			2	
Iliac crest			1				1	
Iliac fossa			1				1	
Pelvic inlet (midline)			1				1	
			<i>2</i>	<i>O</i>				

Opmerkingen:

(Ventral arch, subpubic concavity, ischiopubic ramus ridge, shape of pubic bone, acetabulum size, dorsal pitting, sacral morphology,...)

AGE ESTIMATION

PUBIC SYMPHYSIS (Todd 1970)			
Male			
Left	Range		Right
1	18-19		1
2	20-21		2
3	22-24		3
4	25-26		4
5	27-30		5
6	30-35		6
7	35-39		7
8	39-44		8
9	44-50		9
10	50+		10

AURICULAR SURFACE (Lovejoy et al. 1985)			
Left	Range		Right
1	20-24		1
2	25-29		2
3	30-34		3
4	35-39		4
5	40-44		5
6	45-49		6
7	50-59		7
8	60+		8

SUTURE CLOSE (Meidl & Lovejoy 1985)			
Vault sites			
1	Midlambdoid		
2	Lambda		
3	Obelion		
4	Ant. Sagittal		
5	Bregma		
6	Midcoronal		
7	Pterion		
Composite score			
Age range			
Lateral-anterior sites			
6	Midcoronal		
7	Pterion		
8	Sphenofrontal		
9	Inf. Sphenotemp.		
10	Sup. Sphenotemp.		
Composite score			
Age range			

PUBIC SYMPHYSIS (S & B 1990)				
Male				
Left	Range	S.D.		Right
1	18.5	2.1		1
2	23.4	3.6		2
3	28.7	6.5		3
4	35.2	9.4		4
5	45.6	10.4		5
6	61.2	12.2		6

PUBIC SYMPHYSIS (S & B 1990)				
Female				
Left	Range	S.D.		Right
1	19.4	2.6		1
2	25	4.9		2
3	30.7	8.1		3
4	38.2	10.9		4
5	48.1	14.6		5
6	60	12.4		6

AURICULAR SURFACE (B & C 2002)		
Left	Traits	Right
	Transverse organisation	
	Surface texture	
	Microporosity	
	Macroporosity	
	Apical changes	
	Composite score	
	Age range	

LATE EPIPHYSEAL FUSION				
Bone		Open	Partial	Closed
Clavicle: medial epiphysis		<23	17-30	>21
Sacral vertebrae (S1-S2)		<27	14-30	>21
Innominate	iliac crest	<20	14-22	>18
	ischial epi.	<18	14-20	>16
Sternum	B1-B2	<25	15-25	>15
	B2-B3	<20	15-20	>11
	B3-B4	<15	11-20	>4
	B4-Xiphoid	<40	-	>35

Opmerkingen:

Rechter pubic symphysis te recht bewaard,
cortex is niet meer volledig.

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STATURE

ADULT (Trotter 1970)

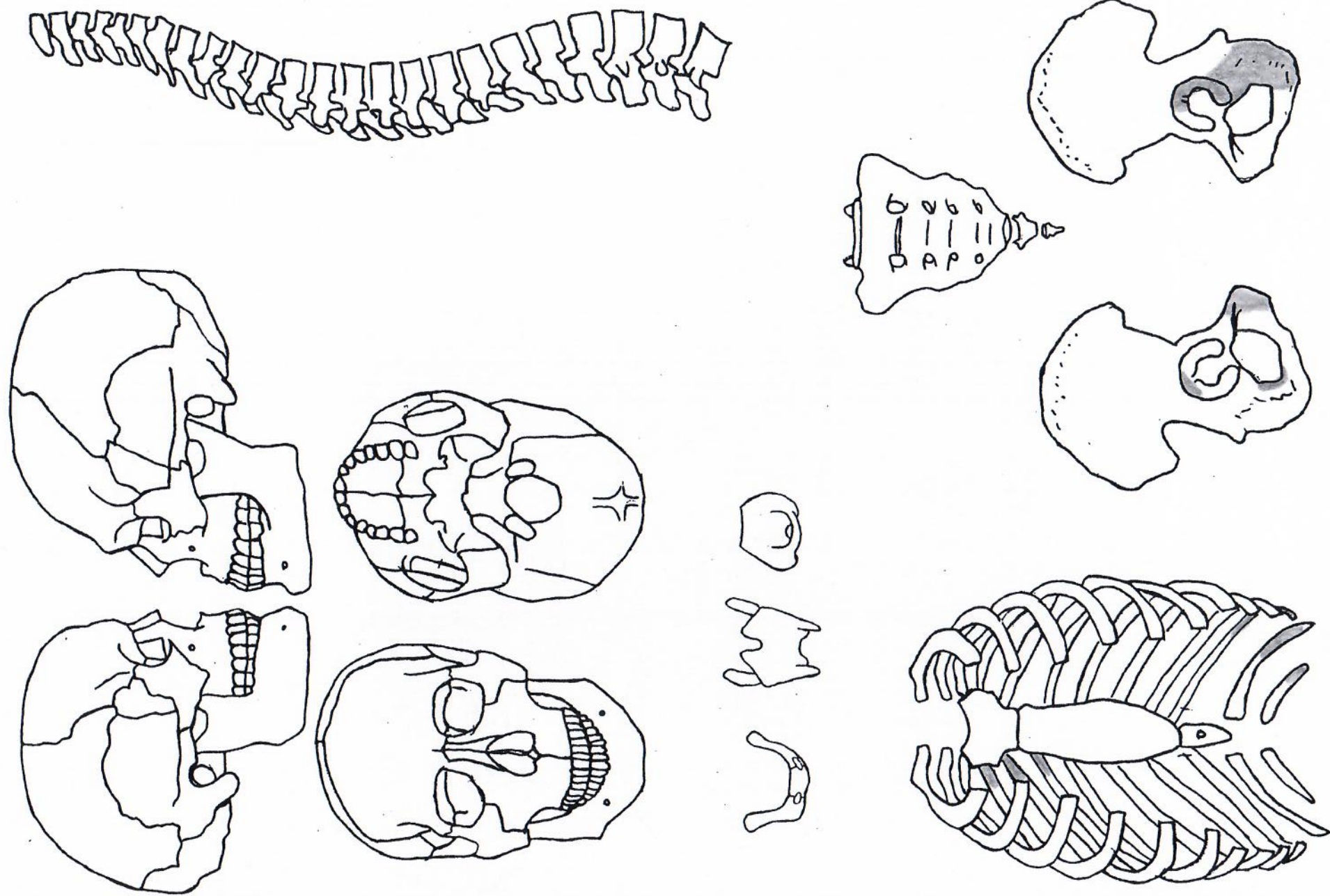
MALE						
Bone	Formula	cm L	Length L	cm R	Length R	S.D.
Humerus	$70,45 + 3,08 \times \text{hum}$					4.05
Radius	$79,01 + 3,78 \times \text{rad}$					4.32
Ulna	$74,05 + 3,70 \times \text{ulna}$					4.32
Femur	$61,41 + 2,38 \times \text{fem}$	45,5	169,2			3.27
Tibia	$78,62 + 2,52 \times \text{tib}$	37,5	173,12			3.37
Fibula	$71,78 + 2,68 \times \text{fib}$	36,3	169,10			3.29
Femur + tibia	$63,29 + 1,3 \times (\text{fem} + \text{tibia})$	82,0	171,90			2.99

FEMALE						
Bone	Formula	cm L	Length L	cm R	Length R	S.D.
Humerus	$57,97 + 3,36 \times \text{hum}$					4.45
Radius	$54,93 + 4,74 \times \text{rad}$					4.24
Ulna	$57,76 + 4,27 \times \text{ulna}$					4.3
Femur	$54,10 + 2,47 \times \text{fem}$					3.72
Tibia	$61,53 + 2,90 \times \text{tib}$					3.66
Fibula	$59,61 + 2,93 \times \text{fib}$					3.57
Femur + tibia	$53,2 + 1,39 \times (\text{fem} + \text{tibia})$					3.55

PATHOLOGIES

periostitis of beenkiesontsteking t.R.v. Het distale gedeelte aan de achterzijde van de L femur (beenbeen), meer specifiek de 'popliteal surface' of knieholte

periostitis proximale, anterior zijde L Fibia
Nieuw botvorming en pitting Pigmenten laterale zijde enkel



Right

