

2002

PVN 202AX/013 Osteological Analyses

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Paleopathology / Additional Comments

Burial 1, Las Canoas, 202 AX/013, 15 July 2002 Observer #9

This individual has a severe abscess on the right side of the ~~max~~ mandible, beginning under the right M1 and running to just before the right canine. The abscess measures 14.3 mm in length (perpendicular to the mandibular ramus) and 4.5 mm at its widest point. The abscess does not penetrate the posterior surface of the mandible, but it does run to the inside surface of the posterior mandible. It is unclear how far the abscess runs distally, but it appears to continue under the root of M1, possibly further, although it does not penetrate the outer table of bone beyond the areas noted above.

The upper ~~maxillary~~ central incisors, the left lateral incisor, both canines, and both first premolars, as well as the ~~left~~ lower left lateral incisor, both canines, and both first premolars all show enamel hypoplasias in the form of grooves along the anterior surface of the teeth. Both of the lower canines, & the lower left 1st premolar, all have 2 separate grooves.

All of the alveolar bone shows resorption due to periodontal disease. There are also small abscesses in the alveolar bone over the ^{upper} left 1st + second ~~premolars~~ premolars. As a result of the periodontal disease, the alveolar bone over the roots of all the upper right teeth except M2 + M3, both upper left incisors, the upper left canine, lower right M1 + P2, and lower left I2 + canine has almost completely resorbed. Several of the teeth show significant calculus on the labial surface near the root.

ADULT SEX/AGE RECORDING FORM

Site Name/Number Las Canoas 1 202 Observer 9
 Feature/Burial Number 202 AX/013 1 Date 11 July 2002
 Burial/Skeleton Number 1 1
 Present Location of Collection _____

SEX

Pelvis	L	R	Skull	L	M	R
Ventral Arc (1-3)	<u>9</u>	<u>9</u>	Nuchal Crest (1-5)	<u>1</u>	<u>3</u>	<u>1</u>
Subpubic Concavity (1-3)	<u>9</u>	<u>9</u>	Mastoid Process (1-5)	<u>9</u>	<u>9</u>	<u>9</u>
Ischiopubic Ramus Ridge (1-3)	<u>9</u>	<u>9</u>	Supraorbital Margin (1-5)	<u>2</u>	<u>9</u>	<u>9</u>
Greater Sciatic Notch (1-5)	<u>9</u>	<u>9</u>	Glabella (1-5)	<u>2</u>	<u>9</u>	<u>9</u>
Preauricular Sulcus (0-4)	<u>9</u>	<u>9</u>	Mental Eminence (1-5)	<u>9</u>	<u>3</u>	<u>9</u>
Estimated Sex, Pelvis (0-5)	<u>9</u>		Estimated Sex, Skull (0-5)	<u>2</u>		

Comments:

The pelvis is not present, so the sex estimation is based entirely on the skull. However, many of the characteristics on the skull used for assigning sex are either missing or unobservable due to post-mortem destruction, so the sex estimation of probable female is extremely tentative.

AGE

Pubic Symphysis Todd (1-10) <u>9</u> <u>9</u> Suchey-Brooks (1-6) <u>9</u> <u>9</u>	Auricular Surface (1-8) <u>9</u> <u>9</u>
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Suture Closure (blank = unobservable; 0 = open; 1 = minimal; 2 = significant; 3 = complete)

External 1. Midlambdoid <u>0</u> Cranial 2. Lambda <u>0</u> Vault 3. Obelion <u>0</u> 4. Anterior Sagittal _____ 5. Bregma _____ 6. Midcoronal _____ 7. Pterion _____ 8. Sphenofrontal _____ 9. Inferior Sphenotemporal _____ 10. Superior Sphenotemporal _____	Palate 11. Incisive _____ 12. Anterior Median Palatine <u>0</u> 13. Posterior Median Palatine _____ 14. Transverse Palatine _____ Internal 15. Sagittal _____ Cranial 16. Left Lambdoid _____ Vault 17. Left Coronal _____
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Estimated Age: Young Adult (20-35 years) 20-30
 Middle Adult (35-50 years) _____
 Old Adult (50+ years) _____

Comments:

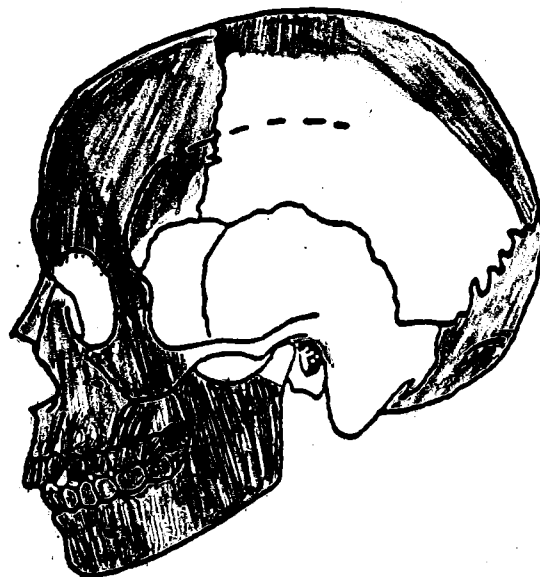
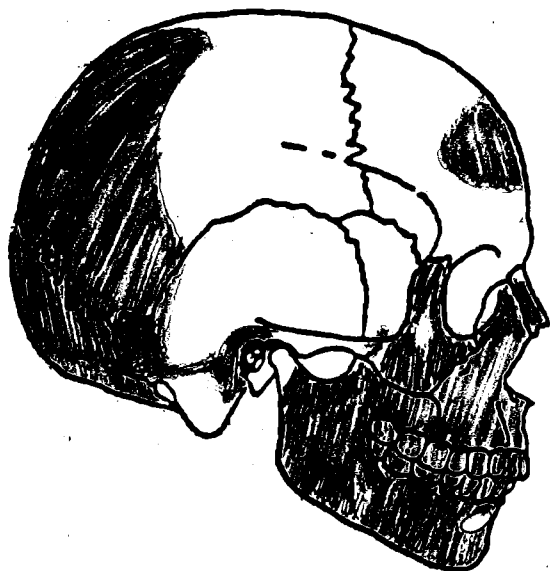
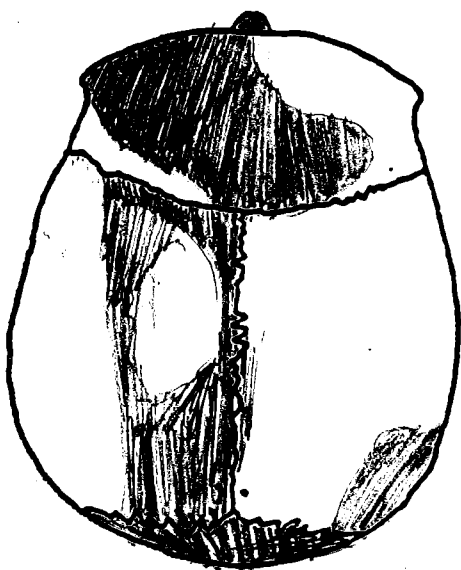
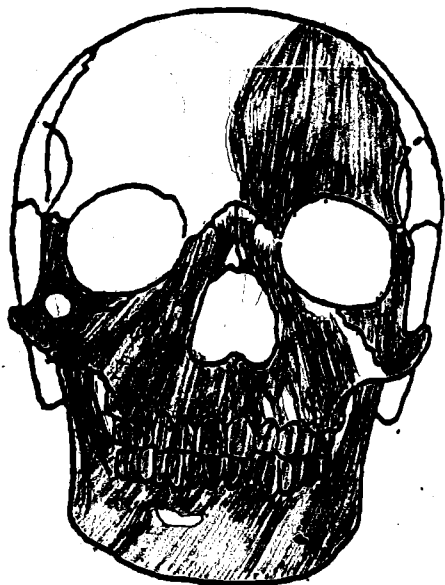
Nearly all of the sutures were missing due to postmortem taphonomic destruction. However, all the teeth are present and in excellent condition. All four 3rd molars are fully erupted, and show minimal wear. The 2nd molars are slightly more worn. The upper and lower incisors show a dentin line of distinct thickness. The canines and premolars show minimal wear. The 1st molars are quite worn in the middle of the tooth, involving all cusps, but no dentin is visible. Based on this, I would age this individual at the younger end of the young adult category.

SKULL RECORDING FORM 202 AX/013

Identification No. Burial 1 - Las Canoas

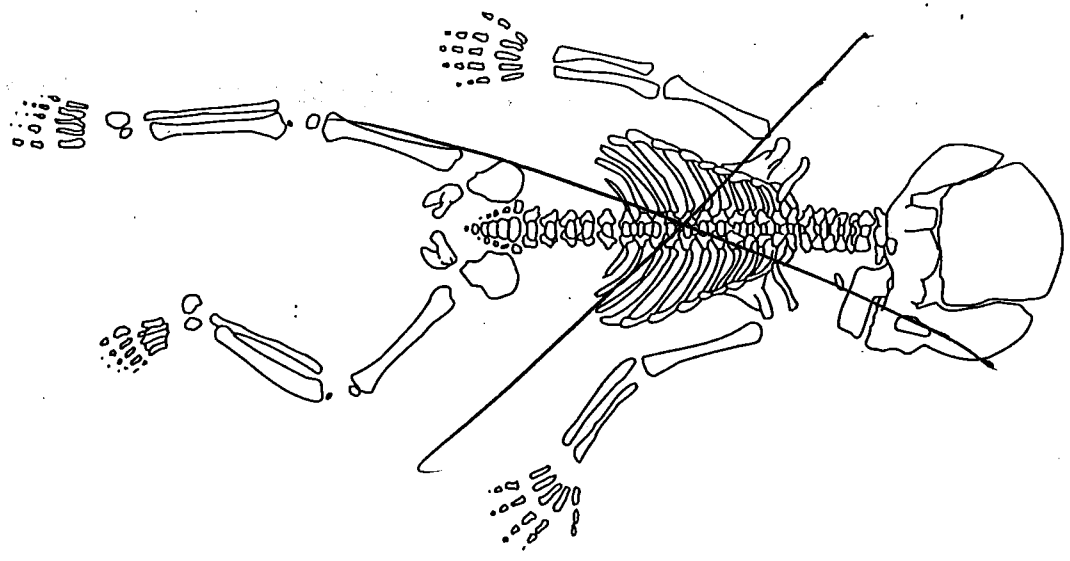
Observer 9

Date 17 July 2002

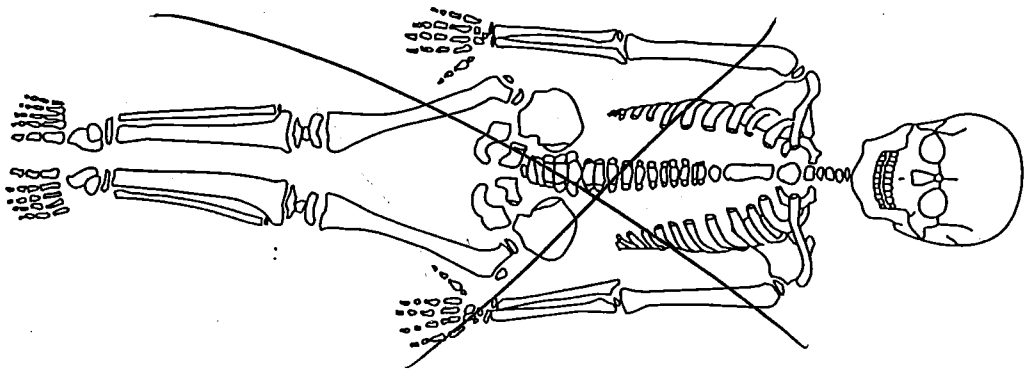


SKELETON RECORDING FORM: ANTERIOR VIEW

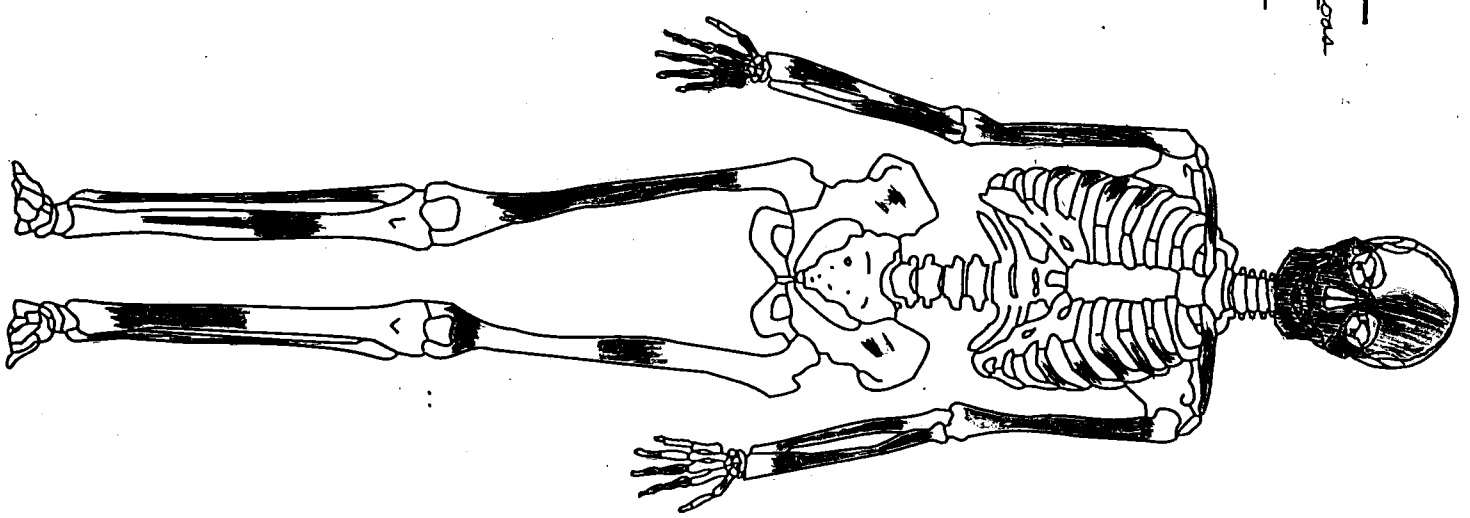
Series/Burial/Skeleton Burial 1, 4a Geneva
20X BX 013
Observer/Date 9 / 7 July 2002



FETUS/NEWBORN



JUVENILE



ADULT

INVENTORY RECORDING FORM FOR COMPLETE SKELETONS

Site Name/Number Las Canoas, 202 Observer 9
 Feature/Burial Number 202 AX/013, Date 11 July 2002
 Burial/Skeleton Number 1,
 Present Location of Collection _____

CRANIAL BONES AND JOINT SURFACES

	L(left)	R(right)		L	R
Frontal	<u>2</u>	<u>3</u>	Sphenoid	<u>3</u>	<u>3</u>
Parietal	<u>3</u>	<u>3</u>	Zygomatic	<u>1</u>	<u>2</u>
Occipital	<u>2</u>	<u>2</u>	Maxilla	<u>1</u>	<u>1</u>
Temporal	<u>3</u>	<u>3</u>	Palatine	<u>—</u>	<u>—</u>
TMJ	<u>3</u>	<u>3</u>	Mandible	<u>1</u>	<u>1</u>

POSTCRANIAL BONES AND JOINT SURFACES

	L	R		L	R
Clavicle	<u>2</u>	<u>3</u>	Os Coxae	<u>—</u>	<u>—</u>
Scapula	<u>—</u>	<u>—</u>	Ilium	<u>3 side?</u>	<u>—</u>
Body	<u>—</u>	<u>—</u>	Ischium	<u>—</u>	<u>—</u>
Glenoid f.	<u>—</u>	<u>—</u>	Pubis	<u>—</u>	<u>—</u>
Patella	<u>—</u>	<u>—</u>	Acetabulum	<u>—</u>	<u>—</u>
Sacrum	<u>—</u>	<u>—</u>	Auric. Surface	<u>—</u>	<u>—</u>

VERTEBRAE (Individual)

	Centrum	Neural Arch
C1	<u>—</u>	<u>2</u>
C2	<u>2</u>	<u>2</u>
C7	<u>—</u>	<u>—</u>
T10	<u>—</u>	<u>—</u>
T11	<u>—</u>	<u>—</u>
T12	<u>—</u>	<u>—</u>
L1	<u>—</u>	<u>—</u>
L2	<u>—</u>	<u>—</u>
L3	<u>—</u>	<u>—</u>
L4	<u>—</u>	<u>—</u>
L5	<u>—</u>	<u>—</u>

VERTEBRAE (grouped)

	#Present/# Complete	
	Centra	Neural Arches
C3-6	<u>1</u>	<u>8/0</u>
T1-T9	<u>1</u>	<u>1/0</u>

Sternum: Manubrium — Body —

RIBS (Individual)

	L	R
1st	<u>—</u>	<u>—</u>
2nd	<u>—</u>	<u>—</u>
11th	<u>—</u>	<u>—</u>
12th	<u>—</u>	<u>—</u>

RIBS (grouped)

	#Present/# Complete		
	L	R	Unsided
3-10	<u>1</u>	<u>1</u>	<u>15/0</u>

LONG BONES

		Diaphysis			
	Proximal Epiphysis	Proximal Third	Middle Third	Distal Third	Distal Epiphysis
Left Humerus	<u>—</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>—</u>
Right Humerus	<u>—</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>—</u>
Left Radius	<u>—</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>—</u>
Right Radius	<u>—</u>	<u>5</u>	<u>3</u>	<u>1</u>	<u>—</u>
Left Ulna	<u>—</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>—</u>
Right Ulna	<u>—</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>—</u>
Left Femur	<u>—</u>	<u>—</u>	<u>3</u>	<u>2</u>	<u>—</u>
Right Femur	<u>—</u>	<u>13</u>	<u>1</u>	<u>2</u>	<u>—</u>
Left Tibia	<u>—</u>	<u>—</u>	<u>3</u>	<u>1</u>	<u>—</u>
Right Tibia	<u>—</u>	<u>—</u>	<u>2</u>	<u>1</u>	<u>—</u>
Left Fibula	<u>—</u>	<u>3</u>	<u>1</u>	<u>1</u>	<u>—</u>
Right Fibula	<u>—</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>—</u>
Left Talus	<u>—</u>	<u>—</u>	<u>1</u>	<u>—</u>	<u>—</u>
Right Talus	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Left Calcaneus	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Right Calcaneus	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

HAND (# Present/# Complete)

	L	R	Unsided
# Carpals	<u>1</u>	<u>1</u>	<u>1</u>
# Metacarpals	<u>1</u>	<u>1</u>	<u>0/0</u>
# Phalanges	<u>1</u>	<u>1</u>	<u>18/7</u>

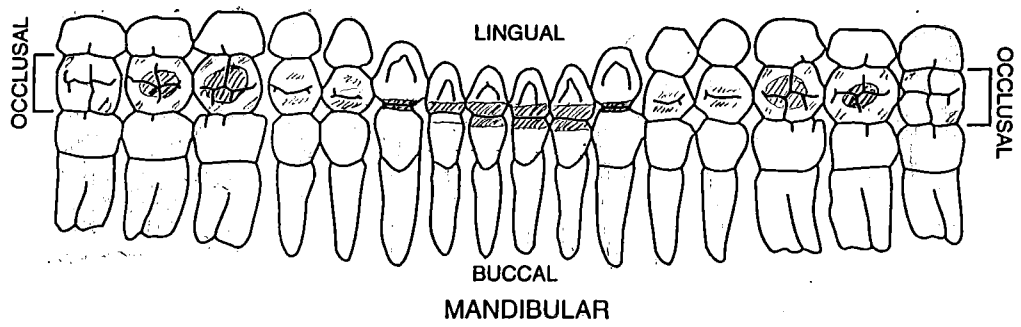
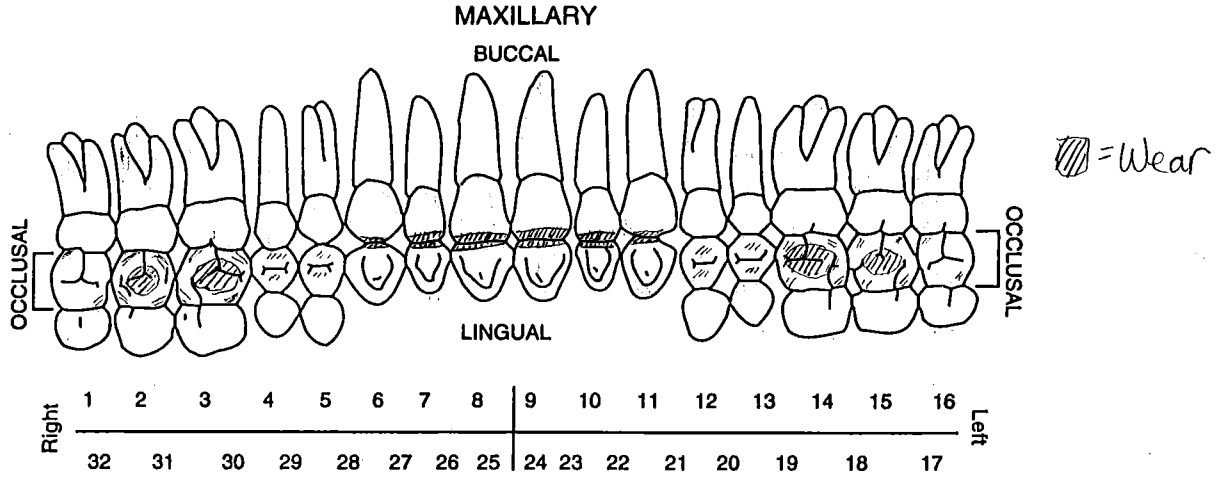
FOOT (# Present/# Complete)

	L	R	Unsided
# Tarsals	<u>1</u>	<u>1</u>	<u>1</u>
# Metatarsals	<u>1</u>	<u>1</u>	<u>1</u>
# Phalanges	<u>1</u>	<u>1</u>	<u>1</u>

Comments: A fragment of the greater horn of the hyoid is present.
Several other long bone and miscellaneous fragments are present,
but can't be specifically identified.

DENTAL INVENTORY VISUAL RECORDING FORM: PERMANENT DENTITION

Site Name/Number Las Canoas / 202 Observer 9
 Feature/Burial Number 202 AX/O13 / 1 Date 11 July 2002
 Burial/Skeleton Number 1 / 1
 Present Location of Collection _____



DECIDUOUS DENTITION

