

Skeletons.

640 529

not differentiated, no excavation.

skulls.

- front part. ^{a a a}
teeth: right ^{upper} M P3 2 X C I3 2 X X X C P X 2 3 M left.
sutures unfused.

β There are knife marks ^{both sides of} on the cranium behind the orbits. The bone of the skull is not cut through.

- front part ^{a a a} ^{broken} ^{lost}
teeth ^{upper} ^{wr.} M P3 2 X C I3 2 1 1 2 3 C P I 2 3 M ^{wr.}
sutures unf.

β The skull is cut across, right through the bone, again just behind the orbits.

both no doubt marks from skinning.

- back part, but not same as above two.
occiput and parietals, unfused.
- occiput
- piece of parietal, could be part of one of the others.
- 8 skull pieces.

All too young to measure.
mni 3

mandibles.

- R & L. ^{broken} ^{a a a} ^{decid C retained} ^{a a a}
right M 2 P1 C I3 2 X X \ \ \ & P1 2 M left. ^{not sure difference between U/a/wr.}
at all precise = denture exposed
Length R 57.3, L 59. P-M row 18.9, 18.9.
- R ^a M 2 1 C \ \ \ alteration of bone on Ti. ? old. 50 18.1
- R ^{wr} ^a M 2 1 C \ \ \ 54.1 17.4
- L \ \ \ C 1 2 M ^a ^{wr} 50.8 18.0

mni 4

loose teeth. 3 incisors. - no doubt from the cubane

skull fragments 8 definitely cat.

measurements on page 4.5

long bones.

sc R T Should I measure - not to be published, and the skeletons will be stored & can be studied again.

" L T
T
T

mni 4

000.

529, cont. page 2.

After sorting out which skel is which, I've had to re-measure, see page 6.

hum. psd	R	$\left. \begin{array}{c} \text{f} \\ \text{f} \end{array} \right\}$	h	GL 91.4	SD 7.0	Bd 18.2	Probably not very old - prox end line of fusion visible round the head.
"	L	$\left. \begin{array}{c} \text{f} \\ \text{f} \end{array} \right\}$	h	91.0	7.0	18.2	

"	psd	L	$\left. \begin{array}{c} \text{f} \\ \text{f} \end{array} \right\}$	h	85.3	5.5	15.5	ditto
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"	psd	R	$\left. \begin{array}{c} \text{f} \\ \text{f} \end{array} \right\}$	h	prox fusion		
"	"	L	$\left. \begin{array}{c} \text{f} \\ \text{f} \end{array} \right\}$	h			

ul	"	R	$\left. \begin{array}{c} \text{f} \\ \text{f} \end{array} \right\}$	h	106.0		
ra	"	R	$\left. \begin{array}{c} \text{f} \\ \text{f} \end{array} \right\}$	h	89.2	Bp 0.8	5.1 12.8
ul	"	L	$\left. \begin{array}{c} \text{f} \\ \text{f} \end{array} \right\}$	h	105.5		
ra	"	L	$\left. \begin{array}{c} \text{f} \\ \text{f} \end{array} \right\}$	h	89.4	0.8	5.2 12.6
ra	p		t				

mni 3

pel. whole acet.	R	t	}	None of them look abnormal.
	L	t		

	R	t	}
	L	t	
	R	t	}
	L	t	

isch. L t 4

femora

sd R t path.

femur broken in two places:

the femoral head is missing. There is a concave facet of extra bone near the trochanter minor, which shows pitting and polish. → it lived some time after the injury.

the distal end is ^{also} fractured, above the articulation, the bone has healed, displaced medially, with a finger of new bone having formed on the end of the broken shaft, laterally.

fully adult

psd L t path.

could well be pair with above.

The bone was broken a little above the distal end. The bone has healed with the distal end displaced anteriorly. A ^{long} finger of new bone has formed on the broken shaft, which meets an area of new bone on the tibia (see below); it shows polish & pitting. The proximal end of the bone is normal.

tib psd L t path.

Normal except for an ^{11x13mm} area on shaft just below the proximal articulation, ventrally/medially, which is much enlarged and shows pitting and chondrocalcinosis.

GL 99.2	Bp	SD	Bd 12.0
	(possibly increased)	6.1	
	path.		

529, page 3.

long bones, cont.

LR = fr.

fe, cont. R

fe psd	R	1	GL 104.3 ✓	SD 7.4	Bd 18.5
.. psd	R	1	93.9 ✓	6.7	16.1
.. ps	R	1			
.. p	R	1 kx			

knife marks very similar to that shown → (page 4). - I think natural

.. psd	L	1	mini 5
--------	---	---	--------

102.2

8.5

18.4

not a pair with any of above - different shape & size.

MIN 6 + 1 (over page)

mini 6

→ 7

tibia^{psd}

R	1
(L see prev page)	

99.9 ✓

Bp 16.9

6.0

12.3

99.2

6.1

12.0

.. L

1

107.3

18.4

7.9

14.6

.. R

1

107.6

18.5

7.6

14.7

Shall difficult to measure twist of bone. Keep prox end square.

.. R

1 ? kn.

107.0 ✓

18.4

7.2

13.4

Two tight ? knife marks - ? skinning

.. L

1

107.2

18.4

7.3

13.3

.. psd R

1

107.2

18.4

7.3

13.3

.. " L

1

107.2

18.4

7.3

13.3

prox fused, distal fused but fusion line visible.

fibula

mini 4

6, probably 5 bones, mini 5.

calc.

1

107.2

18.4

7.3

13.3

Where are all the rest?

metapodials

16

all fused; fusion line vis. on 2

cp/ tarsal

1

107.2

18.4

7.3

13.3

ditto.

phal. 1st.

1

107.2

18.4

7.3

13.3

vertebrae. all fused.

cervical

14

mini 2

2 sets, one larger than the other.

thoracic

14

3

incl. 3 1st cerv.

lumbar

22 + 2 fr.

1 path.

extra growth of bone by distal caudal articulation.

sacrum

3

3

all normal.

caudal

4

k

one has small knife mark, ventrally. not the first cdl. vert. =

ribs

41

all look normal.

cont. over: more bones of cat from 529, bagged with other species record. Then try to make up skulls.

mini 6, + 1 over
axial skull of 23 4
partial.

size.

skinning - skull, one tibia.

- plus, see over, not of 529.

sk complete, in parts. fro/par/occ unfused.
teeth tight w a a a
upper M1 P4 3 2 abax C I 2 2 2 2 2 2 C P2 3 4 M1
lower M1 P4 P3 — C 2 2 2 2 2 2 C — P3 4 M1
a a a a a a a a a a

no marks.
2. fr. fro.
sk fro L R
sc L R
sc L R
sc L R
hu L R
hu L R
hu L R
hu L R
ra R
tel R
ra L
ul L
ra R
ul R
ra ps L
ul ps L
ul R
QL 89.4 ✓
107 ✓
89.3
107
89.6 ✓
105 ✓
QL 95.5 ✓
QL 96 Bd 17.7
QL 96 17.9
93 17.1
85 15.5

fe R ?k
fe L
fe R
fe L
Bp 18.9 SD 7.7 Bd 16.9
fusion line of head visible.
QL 101 Bp 19.2 SD 7.7 Bd 17.0
QL 101
103 ✓
105 ✓
19.9 7.7 18.9
they pair with 2 from over

Diagonal mark, end
It's rather deep
inside body to be a
skinning mark, ? post
buccal damage - (no - seems very sharp & narrow
& straight.) ... I think maybe it's natural
on the bone.
the page (p3) refers to the one over

ti R
ti L
fib
patella
pe R
pe L
pe R
could be pair, but different colours

calc 3 f.
mp 10
vert. atlas
axis
other cerv.
1st thor.
other thor.
lumb.
sacr
1
4
4
12
8
1
I think not 4, 5, 6 & 7.
lower thor + more anterior ones.
all fit perfectly the one lower thor. missing.
all fused.
→ probably one axial skeleton.

ribs 30 with articulations with spine + some fr.

feature: fill

bone d. LR z fr.

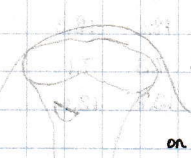
small quality of bone as other cat bones.

622	487	lumb. vert.			t
"	"	mp			t
456	"	ra pod	L		t
"	"	ul d	R		t

QL 80.1 ✓

(639: 462) 16th C They are fused, but fusion line is visible - at how long is this stage?

"	462	hu	L		t	QL 84.4	SD 6.0	Bd 15.1
"	"	ul	L		t	QL 95.2		
"	"	fe	LR		t	QL 93.1 - use - fusion lines vis. but I think full size.	6.6	16.0
"	"	fe	R		t	93.0	6.7	16.1
"	"	fe p	L		t	98		
"	"	ti	R		t	QL 98 Bp -	SD 6.5	Bd 12.2
"	"	ti	R		t	c.98	16.6	6.2
"	"	ti ps	R		t	Bp 13.9		
"	"	ti			t	small sharp knife mark, upward.		
"	"	ti	L		t	QL 97.3 Bp 16.0	SD 7.1	Bd 12.1
"	"	ti	L		t	99.4	15.7	5.8
"	"	fib			t			11.6
"	"	pel	L		t			
"	"	mp			tt			
"	"	(ribs)			2)			



on prox, dorsally, the direction of the cut being

16th Century this part?

440.	392	md	L	1 ⁿ	µ are below.
397:	396	pel.	R	t	

a a a left.
P3 4 P1

628	281	hu	L	t
484	431	mp		8x1
		mp		o
528	504	md	R	1

mp 2
R, P4
a

all this page
on Summary ✓

latest.

622
456

Lincoln
Med. (F)

	latest 640: 529							
Bd	18.2	15.5	17.8	17.1	15.5			
hu	QL 91.2	85.3	96	93	85			
ra	89.2	89.4	89.6			80.1		
ul	106	107	105	95.5				
fe	93.9	104.3	101	103	105			
ti	QL 93.9	99.9	107.5	107.1	108.5			
Bd		12.3	14.7	13.4	14.3			

Measurements of mandibles.

640:
529

440:392

all
mid 14th C

(1) Total length	54.1	49.5	57.8	58.4	-	4	54.95
(5) Cheek tooth row	17.6 ✓	17.6 ✓	18.9	19.5	18.3	5	18.38
(10) d Height in front of P3.	7.8	7.4	9.6	9.6	8.1	5	8.50
diastema C1-P3	6.0	4.4	5.5	6.0			

If a pair, just the right one.

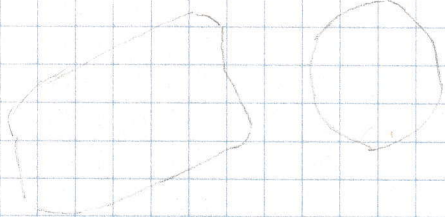
These may include immature cats, although the dentition is adult.

f.	Species	bone el.	LR	z fr.	
622: 456	(rabbit	pel.	R	t	Dim. ^{medium} ⁵² could be intrusive. Size of my Orkney rabbit.)
629: 462	(rabbit	hu pcd	R	t	GL 61.9) < my Orkney rabbit.
1612 C					
628 319	frog/toad	tibiofibula		o	(30 mm long).
" 317	<u>rabbit</u>	tib d	R	t	Bd 11.8 at depth of > 1m in pit, just a single fragment. ? rabbit p waste (lower leg).
436 381	water vole	tibio pcd L & R		f	
"	oyster	shell		l	
	all on				summary
528 509	fallow	centrotarsal		i ^k m	quite a QB 31.5 (Greatest Breadth) 3 knife marks perhaps from skinning or removing tendons, not deep enough for separating the joint
440 392	fallow	hu d	L	f ⁺ m	BT 36.5 - quite.
					- check date of these two.
622 487	rat	pel	L	t	probably Black Rat, no doubt.

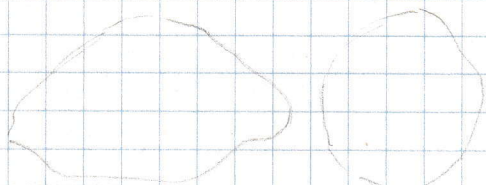
259 220

259: 220 2 coprolites.

? dog.



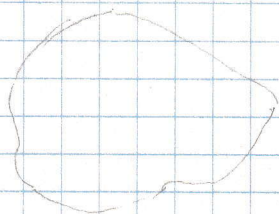
32mm long, diam 18-19.



38 long, max diam 22.

628 281 1 copr. ? dog

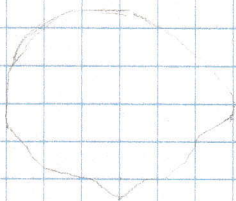
35 long, max d. 26.



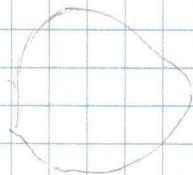
doesn't seem to contain bone.
Anyone interested?

484 431

broken.



370 122



24 long max diameter 21

all on summary