

1- RorL?
2 distal
3 + ul, f to ul/rad.
(j) just
4 + front eminence
5 matching ul + rs, not fused.
1- fused/in wear
o - unf./not in wear

	Ditches, etc in North, (to 100)	Pits in rest of exc.in. (99 on)	Layers	19th C Disturbance	TOTALS fragments
hc	29	44	4	13	46 + 329 375
sk	pre. occ fro fro frontal.	5 Squat temp mal fro	389 occ		20 + 39 59
max	R L 2/3 3/4 4/5 5/6	Age Stages 5 1-6	pre tem tem tem prem occ occ	7 3 9 7 DNI = 14	26 27 53
md	R 1/2 2/3 3/4 4/5 5/6 L 1/2 2/3 3/4 4/5 5/6		151		42 3 45
teeth	I P P M				5 30 35
sc head	R L				15 12 27
hum	R L				19 6 25
rad.	R L				1 1 34 2 1 3
ulna	R L				19 5 24
pel.	R L				10 7 17
fem.	R L				14 11 25
tib	R L				12 21 21 42
calc	R L				15 5 20
astr	R L				27 5 32
mc	R L				
mt	R L				

Tf082

mp id	0	0	0	3 + 0	3
ph 1				64	65
2					
3					
atlas				5	
axis		0		4	38+21
other vert.	00	70, 10	00	29	59
patella	33	28 10 2	24	10 29	
	162	1 pndf + 14	111	2	
	+ 7		+ 8		
				397	919
				9	67

Put 158 fura + hu df, ra pf, mt pf fragments (listed below)
+ 204 hu df

CATTLE - FRAGMENTS

	Ditches, etc in North	Rest	Layers	19th C.	
hc	+132+20			329	Ditches, etc 162 + 398 = 571
sk	+117			39	Rest of main groups 102 + 49 = 176
max				8	Layers 111 + 64 = 185
mand				27	TOTAL CATTLE BONES = 932
t				3	19th C 10 ² + 8 = 20
sc				30	add vert.
hu				12	
ra				6	
ul				2	ul + ra fused.
pe				5	
fe				7	
tib				11	
cpl				12	21
tsl				9	
mc				5	
mt				5	
mp				0	
ph 1-3				1	
atlas			0	2	
axis				2	21
other vert.		8		17	
	90	30	35	8	
	132	19	29		
	20	49	64		
	117	+11va	+2		
	39				
	398 + 4vx				

Tf083

2 - left central tarsal - fused to (2+3)

524 + 397 = 921

Epiphyseal Fusion, not fused : fused. Trin no / feature

early fusing: scapula 7-10 months* 0:1
 pelvis " 0:10

} 0:11

mid distal humerus 1-1½ yrs 0:8

proximal radius " 0:12

phalanx $\frac{1}{2}$ " 2:2 just f: 20

dist metacarpal 2-2½ 1:7

" metatarsal 2¼-3 1:9

" tibia 2-2½ 2:1 j 15

} 2:52

6:3 j 271

} 2:52

} 3:13

late prox hum 3½-4 3:2

d rad " 2:1

decranon 3½ 1:1

p femur " 2:1

d " 3½-4 2:2

p tibia " 1:2

calcaneum 3-3½ 4:1 j 2

15:1 just f 11.

} 9:7

* Silver, 1969.

(Not quite logical to sum these)

Tf084

SHEEP / GOAT

SUMMARY OF PIN. NO. COLUMN

[illegible]

Sheep Mandibles.

Wear stages as Grant 1975. (a-p)

Stages 1-6 as described in main report

$p_1 = p_1$ at lost.

46+13 = 59 + mag.

p deciduous premolar

P permanent

Stage dental

possible pair

Disease

Paradental

none

Over 141	Ref.	Stage	PM2	PM3	PM4	M1	M2	M3	Notes	Disease
96	L	3				p_3 m	M_1 g	M_2 e		none
151	R	3				-	M_1 g	M_2 e		-
	L	M_3 5						M_3 g		-
Pt 158	167	L	4	$P_2, 3, P_4$ e	M_1 g	M_2 f	M_3 a	but not up level yet.	not a pair	none
"	166	R	3	p_2, p_3 m	-	-	-	-	-	-
There are 3 lost molars in same bag. - all R, all stage h. + a stage 5 maxilla										
ph 87	L	3	$p_2, 3, p_4$	M_1 g	M_2 d	M_3 scarcely visible.				none
Pt 15	64	R	5	$P_2, 3, P_4$ g	M_1 g	M_2 g	M_3 e			none
	59	R	3	$p_2, 3, 4$	M_1 g	-	-			-
"	R	3			M_1 broken	M_2 e	M_3 not erupted			-
	75	R	3	P_3 & P_4 embedded.						-
	62	L	(5)	no t, a few roots, high in jaw. ∴ adult.				possible pair with 64		possibly a little.
	59	L	3	p_4 broke	M_1 g	M_2 a		not a pair		-
Pt 14	7	R	3	$p_2, 3, 4$	M_1 g	M_2 c		> not pair		none
	7	L	3	$P_2, 3, wr, p_4$ m	M_1 g	M_2 d				none
	7	L	3			M_2 f				
	7	L	M_3 5			M_3 e				
Pt 13-5	R	65	loose teeth.	M_1 m		M_3 h		unusual wear pattern. PL.		-
Pt 221	220	L	4		M_1 g	M_2 g	M_3 d			none
+ 1/2-maxilla										
Layers	74	R	3	$P_2, 3$ vis P_4 er.	M_1 g	M_2	M_3 not in wr, 1/2 up.			none
	156	R	4	P_3 1/2 up, P_4 a	M_1 g	M_2 g	M_3 presume partial wr.			none
	21	R	4	P_3 wr P_4 e	M_1 g	M_2 f	M_3 c			none
	26	R	6	$P_2, 3, 4$ some abscess round M_1	M_2 m	M_3 k				← yes
	21	L	5	$P_2, 3, wr, P_4$ h	M_1 h	M_2 g	M_3 f			none
	21	L	3			M_2 erupted, presume in wr, M_3 barely vis.				
	86	L	M_3 5			M_3 f				

Stage:	1	2	3	4	5	6
Total: (Min no. per feature):	0	1	12	4	6*	1
						*2 are from single M_3 's, one from maxilla. + from maxilla.

71% : 29%
17 immature: 7 mature

SA/QT.

mp Rorh?	S d nt	0	2 + 0	2 2	45
metatars.	R p d f L s d	15	7	2 2	60 80
phal	1 2 3	28	0	2 8	instability by prox ep.
atlas axis		25	2	7 2	+ cranial f, caudal n
other vertebrae		45			* 2-0, 2 body not f.
patella					
	121	167	115	(37) 1	
		48 3r 45 vx	438	650	

3 FRAGMENTS.

hc SHEEP	111	*	6	[+38 = 44	* maybe shld be in other list.
GOAT	289		11	[17 = 28	* probably part of 2 goat hc ? discount
skull	111	111	31		
max.	1	1	1		
mandible	111	111	16		
teeth	1	8	2		
scapula	111 24	11	59		
humerus	111		5		
radius	111	111	6		
ulna	111	111	9		
pelvis	111	111	15		
femur	111	111	13		
tibia	111	111	13		
carpal			0		
tarsal		1	1		
metacarpal	11		8		
metatarsal	11	11	7		
metapodial			-		
phal 1-3			-		
atlas axis			2		
other vertebrae	113 134 134	41	46 = 200	(7)	
	255	208	151	(44) Total 614	
			Tf087		

SHEEP/GOAT

EPIPHYSIAL FUSION.

unfused: fused

early fusing

scapula 6-8 mo.*

2:14

2:36

pelvis 6-10 mo

0:22

mid

d. hum. 10 mo

0:19

p. radius "

(3 lambs)

3:16

9:56

phalanges 12, 13-16

6:21

dist metacarpal 18-24

2:3

" metatarsal 20-28

2:5

6:23

15:79

d. tibia 18-24

2:15

(3 of them just)

late

prox humerus 3-3½ yrs

(1 just)

1:2

dist radius 3 yrs

(4 lambs)

6:2

olecranon 3

(1j)

0:2

prox femur 2½-3

3:1

21:16

dist " 3-3½

3:2

prox tibia "

5:3

calcaneum 2½-3

3:4

* Silver, 1969

Tf088

SHEEP/GOAT. on the group separated (which is not for all
of the nearly complete bones, but most of)
cf. Boesseneck-German ppr.

ATLAS. hard to tell. think sheep 8, goat 1.

AXIS. 2. can't tell.

SCAPULA. 1 goat - straight spine & deep fossa subscapularis. + 1 goat deep f. sc.
Scapula shape - all in sheep quadrant of diagram I p 59. (for nos. see
min no. summary + p. list of 14 sheep

HUMERUS 12. $\frac{1}{4}$ have nutrient foramen as for ovis Abb 27. Cldn't see other differences
Abb 26 - all ^{seem} sheep (12) ^{P.S.} --- 2 ? gt. Abb 27.

Abb 28 2 ? gt 10 ? sh. gt seems thinner lat part of dist shaft,
lat corner comes down further. The β shafts of these 2 are
rather straighter (Abb 26) - p.p.s. looked again & cldn't find the 2
Abb 29. All, incl. the 2, seem ovis. ^{with certainty} --- ? all sheep.

RADIUS $\frac{1}{2}$ dist seem sheep. ^{prox (25)} $\frac{1}{8}$? goat - Abb 32, prox med corner.

FEMUR $\frac{1}{4}$ sh. (prox) $\frac{3}{3}$ dist seem sheep - all 3 points of Abb. 54

CALCANEUS $\frac{3}{3}$ + look sh. 1 1 thought was goat was just broken.

METACARPAL $\frac{5}{8}$ sh.

TIT 3 complete seem sh. $\frac{7}{7}$ prox Abb 67 sh.

1 didn't separate phalanges.

Goat is present. small proper.

Tf089