

University of Groningen

Opgraving Sneek-Harinxmaland. Van vlaknederzetting in een veengebied tot afgetopte terp onder een kleipakket

Bakker, Marco; de Langen, Gilles; Sibma, Trijneke

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2018

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Bakker, M., de Langen, G., & Sibma, T. (editor) (2018). *Opgraving Sneek-Harinxmaland. Van vlaknederzetting in een veengebied tot afgetopte terp onder een kleipakket*. (Grondsporen : opgravings- en onderzoeksrapporten van het Groninger Instituut voor Archeologie; Vol. 36). Groninger Instituut voor Archeologie, Rijksuniversiteit Groningen.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

614	527 Bos taurus (cattle)	Mandible	Fragment (shaft for long bones, no epiphyses)	Left									Very weathered	1	135.3 2
254	117 Bos taurus (cattle)	Metatarsal (III and IV)	Complete or almost complete	Left	Unfused	Juvenile or subadult							metapodial - cut on plantar side	1	138.7
616	527 Bos taurus (cattle)	Maxilla with teeth	Fragment (shaft for long bones, no epiphyses)	Right	Worn (tooth)				NOT MEASURED YET; P4, M1, M2, butchery: also some cut marks on				Very weathered	1	139.1 2
592	526 Bos taurus (cattle)	Mandible	Fragment (shaft for long bones, no epiphyses)	Left					see pathology for some; Butchery: some				Chewed (by carnivores)	1	144.5 2b
688	608 Bos taurus (cattle)	Lumbar vertebra	Complete or almost complete	Irrelevant	Fused				Other, see comments				Chewed (by carnivores)	1	145.5 5b/6
590	526 Bos taurus (cattle)	Mandible	Fragment (shaft for long bones, no epiphyses)	Right	Worn (tooth)				NOT MEASURED YET; cuts also on				Chewed (by carnivores)	1	145.2 b
568	524 Bos taurus (cattle)	Horncore and skull	Fragment (shaft for long bones, no epiphyses)	Right					NOT MEASURED YET					1	153.6
697	628 Bos taurus (cattle)	Mandible with teeth	Complete or almost complete	Right	Very worn (tooth)	Adult			NOT MEASURED YET; P2,P3,P4,M1				Chewed (by carnivores)	1	154.1 2b
44	23 Bos taurus (cattle)	Humerus	Distal	Right	Fused	Adult			other no. 23-3				humerus - cut on lateral side of	2	155.2 3b
547	502 Bos taurus (cattle)	Maxilla with teeth	Fragment (shaft for long bones, no epiphyses)	Left	Worn (tooth)				M3,M2,M1,P4					3	157.3
768	854 Bos taurus (cattle)	Metacarpal (III and IV)	Complete or almost complete	Right	Fused	Adult			artefact: proximal end oddly worn					1	163.3 b
529	494 Bos taurus (cattle)	Humerus	Distal	Left	Fused				butchery: HU-11, HU-19; measured	Partly burnt (in any color)			Chewed (by carnivores)	1	168.4 3
589	526 Bos taurus (cattle)	Mandible with teeth	Complete or almost complete	Right	Worn (tooth)	Adult			NOT MEASURED YET; P2 seems to				Chewed (by carnivores)	1	174.6 2b
560	519 Bos taurus (cattle)	Mandible with teeth	Complete or almost complete	Right	Worn (tooth)				NOT MEASURED YET; P2,P3,P4,M1				Chewed (by carnivores)	1	180.2
225	104 Bos taurus (cattle)	Metatarsal (III and IV)	Complete or almost complete	Right	Fused				measured, other no. 104-1				Chewed (by carnivores)	1	184.9
671	534 Bos taurus (cattle)	Tibia	Fragment (shaft for long bones, no epiphyses)	Left										1	196.5
588	526 Bos taurus (cattle)	Maxilla with teeth	Complete or almost complete	Left	Slightly worn (tooth)	Adult			NOT MEASURED YET					1	196.7 2b
591	526 Bos taurus (cattle)	Mandible	Fragment (shaft for long bones, no epiphyses)	Right									Chewed (by carnivores)	1	199.7 2b
279	164 Bos taurus (cattle)	Scapula	Complete or almost complete	Left	Fused				Butchery: 1a, 34, 33,				Chewed (by carnivores)	1	200.2 b
376	288 Bos taurus (cattle)	Mandible	Complete or almost complete	Left		Old			NOT MEASURED YET; Butchery: m				Other -see remarks	1	202.3
585	526 Bos taurus (cattle)	Horncore and skull	Fragment (shaft for long bones, no epiphyses)	Right					NOT MEASURED YET; Butchery: cut				Other -see remarks	1	205.3 2b
751	848 Bos taurus (cattle)	Mandible with teeth	Fragment (shaft for long bones, no epiphyses)	Right	Worn (tooth)				NOT MEASURED YET				Very weathered	2	208.2 2b
666	534 Bos taurus (cattle)	Skull fragment	Complete or almost complete	Left	Fused								Chewed (by carnivores)	1	268.9
540	502 Bos taurus (cattle)	Horncore and skull	Complete or almost complete	Left					NOT MEASURED YET; horncore, fr					1	278.1
575	526 Bos taurus (cattle)	Horncore and skull	Fragment (shaft for long bones, no epiphyses)	Left and right					Butchery: horncores possibly chopp				Other -see remarks	1	284.2 2b
630	532 Bos taurus (cattle)	Mandible with teeth	Complete or almost complete	Left	Slightly worn (tooth)	Juvenile or subadult			M2 erupting (15-18 months); Butch				Chewed (by carnivores)	1	303.1 1e
268	140 Bos taurus (cattle)	Scapula	Complete or almost complete		Fused				measured; butchery marks: 1a, 1b,				Chewed (by carnivores)	1	305.2 b
645	534 Bos taurus (cattle)	Humerus	Complete or almost complete	Right	Fused				butchery: chop marks on proximal				Other -see remarks	1	362.8
621	528 Bos taurus (cattle)	Skull fragment	Fragment (shaft for long bones, no epiphyses)	Irrelevant										1	398.4
815	931 Bos taurus (cattle)	Scapula	Complete or almost complete	Right	Fused				articular end too worn down to me				Very weathered	1	435
323	206 Bos taurus/Cervus elaphus (cattle or red de Astragalus	Fragment (shaft for long bones, no epiphyses)	Fragment (shaft for long bones, no epiphyses)	Left					very worn due to calcification	White burnt (calcinated)				1	11.4 3
478	467 Bos taurus/Cervus elaphus (cattle or red de Upper premolar 4	Complete or almost complete	Complete or almost complete	Right	Worn (tooth)	Adult			NOT MEASURED YET, with a small					2	119.2
230	104 Bos taurus/Cervus elaphus (cattle or red de Rib	Fragment (shaft for long bones, no epiphyses)	Fragment (shaft for long bones, no epiphyses)	Right									Chewed (by carnivores)	1	19.8
259	130 Bos taurus/Cervus elaphus (cattle or red de Scapula	Fragment (shaft for long bones, no epiphyses)	Fragment (shaft for long bones, no epiphyses)	Right									Chewed (by carnivores)	2	36.6 3
792	939 Canis familiaris (dog)	1st phalanx	Complete or almost complete						too weathered to measure				Very weathered	1	0.6 2b
440	412 Canis familiaris (dog)	Upper molar 1	Fragment (shaft for long bones, no epiphyses)	Right										1	2.1 3
632	532 Canis familiaris (dog)	Mandible with teeth	Fragment (shaft for long bones, no epiphyses)	Right	Very worn (tooth)	Adult			NOT MEASURED YET				Very weathered	3	13.2 1e
584	526 Canis familiaris (dog)	Humerus	Complete or almost complete	Right					very porous bone structure, probal				Weathered	1	14.1 2b
559	513 Canis familiaris (dog)	Radius	Proximal	Right	Fused				measured					1	14.5
629	532 Canis familiaris (dog)	Skull fragment	Fragment (shaft for long bones, no epiphyses)	Irrelevant	Fused				upper / back part of frontale				Very weathered	2	14.5 1e
731	815 Canis familiaris (dog)	Ulna	Complete or almost complete	Left	Fused	Adult							Chewed (by carnivores)	1	15.7 2b
517	486 Canis familiaris (dog)	Mandible with teeth	Complete or almost complete	Right	Worn (tooth)				NOT MEASURED YET				Very weathered	1	29.8
603	526 Canis familiaris (dog)	Tibia	Complete or almost complete	Left	Fused				young? Brittle bone structure					1	37.1 2b
505	473 Canis familiaris (dog)	Mandible	Complete or almost complete	Left					all tooth loss post mortem				Chewed (by carnivores)	1	55
73	34 Canis familiaris (dog)	Skull fragment	Fragment (shaft for long bones, no epiphyses)	Irrelevant					Portion of cranium and maxillae, t					26	97.7 8
627	528 Canis familiaris (dog)	Skull fragment	Complete or almost complete	Irrelevant					NOT MEASURED YET					1	123.2
395	314 Cervus elaphus (red deer)	Antler	Fragment (shaft for long bones, no epiphyses)	Irrelevant					artefact; half fabricat					1	44.8 3
377	290 Equus caballus (horse)	Axis	Fragment (shaft for long bones, no epiphyses)	Irrelevant						White burnt (calcinated)				1	11.7 3
700	628 Equus caballus (horse)	Rib	Proximal	Left					cuts close to proximal end				Chewed (by carnivores)	1	12.1 2b
699	628 Equus caballus (horse)	Unidentified upper molar	Complete or almost complete		Not worn (tooth)				NOT MEASURED YET				Other -see remarks	1	18.6 2b
807	940 Equus caballus (horse)	Rib	Fragment (shaft for long bones, no epiphyses)										Chewed (by carnivores)	1	18.7
466	428 Equus caballus (horse)	Unidentified metapodial	Distal		Fused				totally worn down, no measureme	Gray burnt			Very weathered	1	19.7 3
485	468 Equus caballus (horse)	Lower molar 3	Complete or almost complete	Left		Adult			NOT MEASURED YET					1	23.5
483	468 Equus caballus (horse)	Lower molar 3	Complete or almost complete	Left	Extremely worn -very low cr	Old			NOT MEASURED YET					1	28.5
454	423 Equus caballus (horse)	Unidentified metapodial	Distal							Gray burnt				1	29.4
409	326 Equus caballus (horse)	Rib	Fragment (shaft for long bones, no epiphyses)	Left					cuts on corpus costa				Chewed (by carnivores)	1	32.1 2b
543	502 Equus caballus (horse)	Mandible	Fragment (shaft for long bones, no epiphyses)	Right									Chewed (by carnivores)	1	32.9
752	848 Equus caballus (horse)	2nd phalanx	Complete or almost complete						too chewed to measure				Chewed (by carnivores)	1	33.3 2b
284	164 Equus caballus (horse)	Upper premolar 2	Complete or almost complete	Right					NOT MEASURED YET				Chewed (by carnivores)	1	39.6 2b
35	21 Equus caballus (horse)	Astragalus	Complete or almost complete	Right		Subadult or adult			other no. 21.1					1	49.4 8
374	286 Equus caballus (horse)	Unidentified upper molar	Complete or almost complete	Right					NOT MEASURED YET	Black burnt (carbonized)				1	50.2 3b
566	524 Equus caballus (horse)	Unidentified upper molar	Complete or almost complete	Left	Slightly worn (tooth)				NOT MEASURED YET	Gray burnt				1	52.5
371	281 Equus caballus (horse)	Unidentified upper molar	Complete or almost complete	Right					NOT MEASURED YET	Black burnt (carbonized)				1	57.8
655	539 Equus caballus (horse)	1st phalanx	Complete or almost complete	Left					measured; Pathology: excess bone	Other, see comments			Chewed (by carnivores)	1	59.2 b
619	527 Equus caballus (horse)	Upper premolar 1	Complete or almost complete	Right	Worn (tooth)				NOT MEASURED YET					1	64.2
233	104 Equus caballus (horse)	Unidentified upper molar	Complete or almost complete	Right										1	69.7
269	140 Equus caballus (horse)	Metatarsal III	Fragment (shaft for long bones, no epiphyses)	Right					Butchery: bone seems to be chopp				Chewed (by carnivores)	1	148.2 b
43	23 Equus caballus (horse)	Tibia	Proximal	Left	Unfused	Juvenile			other no. 23-2				Weathered	1	148.2 b
450	423 Equus caballus (horse)	Scapula	Complete or almost complete	Left	Fused				measured				Chewed (by carnivores)	1	281.2
539	502 Equus caballus (horse)	Pelvis	Complete or almost complete	Left					measured				Chewed (by carnivores)	1	341.3
602	526 Homo sapiens	Os petrosa	Complete or almost complete	Left	Fused									1	22.5 2b
724	815 Homo sapiens	Parietal	Fragment (shaft for long bones, no epiphyses)	Right										1	59.7 2b
326	213 Homo sapiens	Humerus	Fragment (shaft for long bones, no epiphyses)							Gray burnt				1	62.7 3
741	835 Homo sapiens	Occipital bone	Fragment (shaft for long bones, no epiphyses)	Irrelevant		Adult								1	86.3 2b
535	498 Homo sapiens	Pelvis	Acetabulum (pelvis only)	Left					CHECK					1	127.3
412	326 Homo sapiens	Pelvis	Acetabulum (pelvis only)						pathologies, cut mark on medial si				Chewed (by carnivores)	1	175.3 2b
248	109 Mammal (no size category defined)	Unidentified bone	Fragment (shaft for long bones, no epiphyses)							White burnt (calcinated)				1	0.3 7
531	495 Mammal (no size category defined)	Unidentified bone	Fragment (shaft for long bones, no epiphyses)							White burnt (calcinated)				1	0.3 7
118	55 Mammal (no size category defined)	Unidentified bone	Fragment (shaft for long bones, no epiphyses)											1	0.4 3b
306	198 Mammal (no size category defined)	Unidentified bone	Fragment (shaft for long bones, no epiphyses)											1	0.4 4
6	13 Mammal (no size category defined)	Unidentified bone	Fragment (shaft for long bones, no epiphyses)											1	0.5 3
120	55 Mammal (no size category defined)	Unidentified bone	Fragment (shaft for long bones, no epiphyses)							White burnt (calcinated)				1	0.6 3b

257	123 Ovis aries/Capra hircus (sheep or goat)	1st phalanx	Complete or almost complete		Fused			cut situated towards distal end; me				1st phalanx - cut on axio-volar s	1	2.8
759	848 Ovis aries/Capra hircus (sheep or goat)	Lower molar 1 or 2	Complete or almost complete										1	3.1 2b
48	23 Ovis aries/Capra hircus (sheep or goat)	Mandible	Fragment (shaft for long bones, no epiphyses)					other no. 23-7					1	3.4 3b
98	50 Ovis aries/Capra hircus (sheep or goat)	Metacarpal (III and IV)	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	3.5 3
804	940 Ovis aries/Capra hircus (sheep or goat)	Calcaneus	Fragment (shaft for long bones, no epiphyses)	Right							White burnt (calcinated)		1	3.5
474	442 Ovis aries/Capra hircus (sheep or goat)	Thoracic vertebra	Fragment (shaft for long bones, no epiphyses)	Irrelevant	Fusing	Adult							1	3.6 3
151	77 Ovis aries/Capra hircus (sheep or goat)	Calcaneus	Complete or almost complete	Right		Infant		chewing before burning			Gray burnt	Chewed (by carnivores)	1	3.8 3
321	206 Ovis aries/Capra hircus (sheep or goat)	Maxilla with teeth	Fragment (shaft for long bones, no epiphyses)	Right							White burnt (calcinated)		1	3.9 3
152	77 Ovis aries/Capra hircus (sheep or goat)	Pelvis	Fragment (shaft for long bones, no epiphyses)	Right							Gray burnt	Chewed (by carnivores)	1	4.1 3
799	940 Ovis aries/Capra hircus (sheep or goat)	Metatarsal (III and IV)	Proximal	Right				quite small, juvenile?			White burnt (calcinated)		3	4.1
238	104 Ovis aries/Capra hircus (sheep or goat)	Partial skeleton (see comment)	Fragment (shaft for long bones, no epiphyses)		Unfused	Neonatal		a.o. fragments of metacarpus, radi					7	4.2
413	326 Ovis aries/Capra hircus (sheep or goat)	Thoracic vertebra	Fragment (shaft for long bones, no epiphyses)	Irrelevant								Chewed (by carnivores)	1	4.3 2b
703	628 Ovis aries/Capra hircus (sheep or goat)	Metacarpal (III and IV)	Proximal					Burchery: weird half moon shaped					1	4.3 2b
800	940 Ovis aries/Capra hircus (sheep or goat)	Scapula	Distal	Right							White burnt (calcinated)		1	4.4
36	21 Ovis aries/Capra hircus (sheep or goat)	Pelvis	Fragment (shaft for long bones, no epiphyses)	Right				other no. 21-2				Chewed (by carnivores)	1	4.9 8
757	848 Ovis aries/Capra hircus (sheep or goat)	Lower molar 1 or 2	Complete or almost complete										1	5.2 2b
620	527 Ovis aries/Capra hircus (sheep or goat)	Upper molar 1 or 2	Complete or almost complete	Left	Not worn (tooth)			NOT MEASURED YET					1	5.1 2
434	400 Ovis aries/Capra hircus (sheep or goat)	Skull fragment	Fragment (shaft for long bones, no epiphyses)	Left								Chewed (by carnivores)	1	5.6 2b
720	756 Ovis aries/Capra hircus (sheep or goat)	Tibia	Distal	Left	Unfused	Juvenile		chopped through diaphysis close to			Gray burnt	Chewed (by carnivores)	1	6.1 3
343	240 Ovis aries/Capra hircus (sheep or goat)	Metacarpal (III and IV)	Fragment (shaft for long bones, no epiphyses)									Chewed (by carnivores)	1	6.7 3
444	416 Ovis aries/Capra hircus (sheep or goat)	Metatarsal (III and IV)	Fragment (shaft for long bones, no epiphyses)									Chewed (by carnivores)	1	6.7 3
45	23 Ovis aries/Capra hircus (sheep or goat)	Ulna	Proximal	Right	Fused	Adult							1	6.9 3b
242	104 Ovis aries/Capra hircus (sheep or goat)	Tibia	Distal	Left	Unfused	Juvenile		other no. 23-4					1	7.8
391	303 Ovis aries/Capra hircus (sheep or goat)	Metatarsal (III and IV)	Fragment (shaft for long bones, no epiphyses)									Chewed (by carnivores)	1	7.9 3b
702	628 Ovis aries/Capra hircus (sheep or goat)	Mandible with teeth	Fragment (shaft for long bones, no epiphyses)	Right	Worn (tooth)			NOT MEASURED YET; P2, P3, P4					1	8.2 2b
260	130 Ovis aries/Capra hircus (sheep or goat)	Scapula	Fragment (shaft for long bones, no epiphyses)	Right								Chewed (by carnivores)	1	8.6 3
370	281 Ovis aries/Capra hircus (sheep or goat)	Metatarsal (III and IV)	Fragment (shaft for long bones, no epiphyses)					very deep cuts = saw marks? On m			White burnt (calcinated)		1	8.8
102	51 Ovis aries/Capra hircus (sheep or goat)	Maxilla with teeth	Fragment (shaft for long bones, no epiphyses)										2	9.1 2b
227	104 Ovis aries/Capra hircus (sheep or goat)	Ulna	Proximal	Right				other no. 104-10				Chewed (by carnivores)	1	9.7
822	931 Ovis aries/Capra hircus (sheep or goat)	Radius	Fragment (shaft for long bones, no epiphyses)	Left								Chewed (by carnivores)	1	10.8
701	628 Ovis aries/Capra hircus (sheep or goat)	Radius	Proximal	Right	Fused			measured				Chewed (by carnivores)	1	11.9 2b
150	77 Ovis aries/Capra hircus (sheep or goat)	Axis	Spine (vertebra)	Irrelevant				measured				Chewed (by carnivores)	1	12.3 3
503	473 Ovis aries/Capra hircus (sheep or goat)	Tibia	Fragment (shaft for long bones, no epiphyses)					butchery: TI-15, TI-chop				Chewed (by carnivores)	1	12.8
244	104 Ovis aries/Capra hircus (sheep or goat)	Femur	Fragment (shaft for long bones, no epiphyses)	Right				butchery?				Chewed (by carnivores)	1	13.1
96	49 Ovis aries/Capra hircus (sheep or goat)	Radius	Proximal	Left				other no. 49-1					6	13.2 8
417	326 Ovis aries/Capra hircus (sheep or goat)	Radius	Proximal	Left				measured; butchery: RA-13,				Chewed (by carnivores)	1	14.5 2b
168	54 Ovis aries/Capra hircus (sheep or goat)	Mandible with teeth	Fragment (shaft for long bones, no epiphyses)	Right				P1, P2, P3, M1					2	16.8
207	85 Ovis aries/Capra hircus (sheep or goat)	Femur	Fragment (shaft for long bones, no epiphyses)	Left								Chewed (by carnivores)	1	16.2 4
116	55 Ovis aries/Capra hircus (sheep or goat)	Mandible with teeth	Fragment (shaft for long bones, no epiphyses)									Chewed (by carnivores)	2	16.3 3b
357	248 Ovis aries/Capra hircus (sheep or goat)	Metatarsal (III and IV)	Complete or almost complete	Left	Unfused	Juvenile							2	16.6 3
239	104 Ovis aries/Capra hircus (sheep or goat)	Tibia	Distal	Left	Unfused	Juvenile						tibia - cut on medial side of mid	1	19
405	325 Ovis aries/Capra hircus (sheep or goat)	Tibia	Fragment (shaft for long bones, no epiphyses)	Right								Chewed (by carnivores)	1	19.3a
743	838 Ovis aries/Capra hircus (sheep or goat)	Humerus	Fragment (shaft for long bones, no epiphyses)	Left								Chewed (by carnivores)	1	19.2 2b
422	329 Ovis aries/Capra hircus (sheep or goat)	Humerus	Distal	Left	Fused			also dog chewing				Rodent gnawed; slight	1	21.2b
271	140 Ovis aries/Capra hircus (sheep or goat)	Radius	Fragment (shaft for long bones, no epiphyses)	Right								Chewed (by carnivores)	1	21.3 2b
504	473 Ovis aries/Capra hircus (sheep or goat)	Tibia	Fragment (shaft for long bones, no epiphyses)	Left				butchery: TI-15, TI-chop				Chewed (by carnivores)	1	21.5
624	528 Ovis aries/Capra hircus (sheep or goat)	Radius	Proximal	Right	Fused			measured				Chewed (by carnivores)	1	22.1
235	104 Ovis aries/Capra hircus (sheep or goat)	Tibia	Fragment (shaft for long bones, no epiphyses)	Left				very faint marks on middle part of				Chewed (by carnivores)	1	25.3
270	140 Ovis aries/Capra hircus (sheep or goat)	Radius	Proximal	Left	Fused							Chewed (by carnivores)	1	35.7 2b
128	71 Sus scrofa/Sus domesticus (wild boar or do)	Ulna	Proximal			Neonatal		other no. 71-5				ulna - cut on distal end	1	1.5 8
177	79 Sus scrofa/Sus domesticus (wild boar or do)	Mandible with teeth	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		4	2.6 4
129	71 Sus scrofa/Sus domesticus (wild boar or do)	Rib	Fragment (shaft for long bones, no epiphyses)					other no. 71-6					4	4.7 8
18	1 Sus scrofa/Sus domesticus (wild boar or do)	Lower canine	Complete or almost complete	Right		Subadult or adult		other no. 1-3					1	5
250	111 Unid. large mammal (red deer, cattle, horse)	Rib	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	0.8 7
146	77 Unid. large mammal (red deer, cattle, horse)	Rib	Fragment (shaft for long bones, no epiphyses)								Gray burnt		1	1.6 3
214	88 Unid. large mammal (red deer, cattle, horse)	Unidentified bone	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	1.7
194	81 Unid. large mammal (red deer, cattle, horse)	Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	2.2 5b
249	110 Unid. large mammal (red deer, cattle, horse)	Rib	Fragment (shaft for long bones, no epiphyses)										1	2.2 7
493	468 Unid. large mammal (red deer, cattle, horse)	Rib	Fragment (shaft for long bones, no epiphyses)									Chewed (by carnivores)	1	2.4
106	52 Unid. large mammal (red deer, cattle, horse)	Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	2.5 3
675	706 Unid. large mammal (red deer, cattle, horse)	Rib	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	2.7 3
295	181 Unid. large mammal (red deer, cattle, horse)	Rib	Fragment (shaft for long bones, no epiphyses)									Chewed (by carnivores)	1	2.8 3
801	940 Unid. large mammal (red deer, cattle, horse)	Unidentified vertebra	Fragment (shaft for long bones, no epiphyses)	Irrelevant							Gray burnt		1	2.9
203	85 Unid. large mammal (red deer, cattle, horse)	Mandible	Fragment (shaft for long bones, no epiphyses)										2	3.4
247	104 Unid. large mammal (red deer, cattle, horse)	Unidentified vertebra	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	3
4	13 Unid. large mammal (red deer, cattle, horse)	Thoracic vertebra	Fragment (shaft for long bones, no epiphyses)	Irrelevant							White burnt (calcinated)		2	3.2 3
13	18 Unid. large mammal (red deer, cattle, horse)	Unidentified bone	Fragment (shaft for long bones, no epiphyses)										1	3.3 3b
253	110 Unid. large mammal (red deer, cattle, horse)	Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)										1	3.3 7
117	55 Unid. large mammal (red deer, cattle, horse)	Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								Gray burnt		1	3.4 3b
23	3 Unid. large mammal (red deer, cattle, horse)	Rib	Fragment (shaft for long bones, no epiphyses)					other no. 3-2			White burnt (calcinated)		2	3.5
94	42 Unid. large mammal (red deer, cattle, horse)	Scapula	Fragment (shaft for long bones, no epiphyses)					other no. 42-1					1	3.6 3
122	62 Unid. large mammal (red deer, cattle, horse)	Rib	Fragment (shaft for long bones, no epiphyses)					other no. 62-2; probably small bos			White burnt (calcinated)		1	3.6 3
89	41 Unid. large mammal (red deer, cattle, horse)	Skull fragment	Fragment (shaft for long bones, no epiphyses)										2	3.7 5b
452	423 Unid. large mammal (red deer, cattle, horse)	Unidentified bone	Fragment (shaft for long bones, no epiphyses)								Gray burnt		1	3.7
123	63 Unid. large mammal (red deer, cattle, horse)	Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	4.2/3
263	134 Unid. large mammal (red deer, cattle, horse)	Unidentified bone	Fragment (shaft for long bones, no epiphyses)									unidentified bone - cut mark	1	4.3/4
280	164 Unid. large mammal (red deer, cattle, horse)	Rib	Proximal	Left							White burnt (calcinated)		1	4.2b
147	77 Unid. large mammal (red deer, cattle, horse)	Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)										1	4.1 3
186	79 Unid. large mammal (red deer, cattle, horse)	Unidentified vertebra	Fragment (shaft for long bones, no epiphyses)	Irrelevant									1	4.1 4
332	225 Unid. large mammal (red deer, cattle, horse)	Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								Gray burnt		1	4.1 4
199	85 Unid. large mammal (red deer, cattle, horse)	Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		2	4.2 4
158	77 Unid. large mammal (red deer, cattle, horse)	Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	4.4 3

625	528 Unid. large mammal (red deer, cattle, horse) Rib	Fragment (shaft for long bones, no epiphyses)					diagonally chopped through			Chewed (by carnivores) costa - chop cut through		1	18.4		
11	18 Unid. large mammal (red deer, cattle, horse) Rib	Fragment (shaft for long bones, no epiphyses)									Very weathered	1	18.8 3b		
446	419 Unid. large mammal (red deer, cattle, horse) Mandible	Fragment (shaft for long bones, no epiphyses)										1	20.7 2a		
289	176 Unid. large mammal (red deer, cattle, horse) Unidentified bone	Fragment (shaft for long bones, no epiphyses)							Black burnt (carbonized)		Very weathered	1	21.3 4		
662	534 Unid. large mammal (red deer, cattle, horse) Scapula	Fragment (shaft for long bones, no epiphyses)										1	21.1		
469	434 Unid. large mammal (red deer, cattle, horse) Rib	Fragment (shaft for long bones, no epiphyses)								Chewed (by carnivores)		1	21.6 2b		
324	209 Unid. large mammal (red deer, cattle, horse) Femur	Fragment (shaft for long bones, no epiphyses)					part of condyle with dimple		Partly burnt (in any color)			1	22.2 2b		
691	628 Unid. large mammal (red deer, cattle, horse) Unidentified metapodial	Fragment (shaft for long bones, no epiphyses)								Chewed (by carnivores)		1	22.1 2b		
459	425 Unid. large mammal (red deer, cattle, horse) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								Chewed (by carnivores) unidentified limb bone - chop n		1	22.2 2b		
8	17 Unid. large mammal (red deer, cattle, horse) Rib	Fragment (shaft for long bones, no epiphyses)					artefact			cut on corpus costae	Plant etched	1	23.5 3		
83	37 Unid. large mammal (red deer, cattle, horse) Unidentified bone	Fragment (shaft for long bones, no epiphyses)									Very weathered	1	24.7 5b		
694	628 Unid. large mammal (red deer, cattle, horse) Rib	Fragment (shaft for long bones, no epiphyses)								Chewed (by carnivores)		1	24.8 2b		
171	79 Unid. large mammal (red deer, cattle, horse) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)										7	25.1 4		
78	36 Unid. large mammal (red deer, cattle, horse) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)										4	26.3 4		
569	524 Unid. large mammal (red deer, cattle, horse) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								Chewed (by carnivores) unidentified limb bone - cut ma		1	26.5		
39	22 Unid. large mammal (red deer, cattle, horse) Rib	Fragment (shaft for long bones, no epiphyses)					other no. 22-1 interior only				Weathered, pls	8	27.1 8		
587	526 Unid. large mammal (red deer, cattle, horse) Skull fragment	Fragment (shaft for long bones, no epiphyses)										1	28.3 2b		
636	533 Unid. large mammal (red deer, cattle, horse) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								Chewed (by carnivores) unidentified limb bone - chop n		1	29.6 2b		
692	628 Unid. large mammal (red deer, cattle, horse) Scapula	Fragment (shaft for long bones, no epiphyses)								Chewed (by carnivores)		1	29.8 2b		
537	498 Unid. large mammal (red deer, cattle, horse) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)					artefact, wear and pointed end		Gray burnt			1	30.6		
795	940 Unid. large mammal (red deer, cattle, horse) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								Gnawed (most likely by unidentified bone - cut mark)		1	34.3		
355	248 Unid. large mammal (red deer, cattle, horse) Rib	Fragment (shaft for long bones, no epiphyses)					1 encrusted, 2 chewed		Partly burnt (in any color)	Chewed (by carnivores) costa - chop on corpus costae	Encrusted	4	39.7 3		
665	534 Unid. large mammal (red deer, cattle, horse) Skull fragment	Fragment (shaft for long bones, no epiphyses)										1	40.6		
738	829 Unid. large mammal (red deer, cattle, horse) Unidentified bone	Fragment (shaft for long bones, no epiphyses)								Black burnt (carbonized)		7	41.6 2b		
314	206 Unid. large mammal (red deer, cattle, horse) Rib	Fragment (shaft for long bones, no epiphyses)								Partly burnt (in any color)	Chewed (by carnivores) costa - chop on corpus costae	6	43.9 3		
378	291 Unid. large mammal (red deer, cattle, horse) Unidentified bone	Fragment (shaft for long bones, no epiphyses)					very brittle with a lot of fresh break		Partly burnt (in any color)			18	46.1 3		
407	326 Unid. large mammal (red deer, cattle, horse) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)										5	104.3 2b		
240	104 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	0.3		
555	506 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	0.4 3		
101	51 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	0.6 2b		
209	85 Unid. medium mammal (sheep to pig) Skull fragment	Fragment (shaft for long bones, no epiphyses)										1	0.6 4		
437	411 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	0.6 2/3		
211	85 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)										1	0.7 4		
723	811 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	0.7 5b		
775	922 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)								Gray burnt		1	0.7 8		
161	77 Unid. medium mammal (sheep to pig) Thoracic vertebra	Fragment (shaft for long bones, no epiphyses)	Irrelevant									1	0.8 3		
174	79 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		3	0.8 4		
305	196 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)				Neonatal						2	0.8 3		
322	206 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	0.8 3		
157	77 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	0.9 3		
175	79 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	0.9 4		
423	329 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	0.9 2b		
67	31 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	1.2b		
467	429 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	1.3		
133	73 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)								Gray burnt		6	1.1 3		
363	258 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	1.1		
231	104 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	1.2 2b		
773	904 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)										2	1.2 2b		
196	81 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)								Gray burnt		1	1.3 5b		
571	524 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)										1	1.3		
451	423 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	1.4		
65	28 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)	Left									1	1.6 3		
173	79 Unid. medium mammal (sheep to pig) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								Gray burnt	costa - cut	3	1.6 4		
812	931 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)								Gray burnt		3	1.6		
144	77 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)								Gray burnt		2	1.7 3		
164	77 Unid. medium mammal (sheep to pig) Skull fragment	Fragment (shaft for long bones, no epiphyses)										1	1.7 3		
338	232 Unid. medium mammal (sheep to pig) Ulna	Proximal											Very weathered	1	1.7 3b
468	432 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)										1	1.7 3		
162	77 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)										1	1.8 3		
119	55 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)								Gray burnt		1	1.9 3b		
634	533 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)								Partly burnt (in any color)		1	1.9 2b		
764	854 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										2	1.9 3b		
28	16 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)					other no. 16-1			Chewed (by carnivores)		1	2.3b		
91	41 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)	Left									1	2.5b		
275	150 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	2.2		
319	206 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)				Neonatal						1	2.2 3		
149	77 Unid. medium mammal (sheep to pig) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								Chewed (by carnivores) unidentified limb bone - cut ma		1	2.3 3		
90	41 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)										2	2.4 5b		
353	237 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										2	2.4 2b		
567	524 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	2.4		
623	528 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)								Chewed (by carnivores)	Very weathered	1	2.4		
635	533 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	2.4 2b		
141	73 Unid. medium mammal (sheep to pig) Unidentified bone	Fragment (shaft for long bones, no epiphyses)								White burnt (calcinated)		1	2.5 3		
492	468 Unid. medium mammal (sheep to pig) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)								Chewed (by carnivores)		1	2.5		
439	412 Unid. medium mammal (sheep to pig) Scapula	Fragment (shaft for long bones, no epiphyses)										1	2.6 3		
64	28 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)										1	2.7 3		
107	53 Unid. medium mammal (sheep to pig) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)					other no. 53-1					1	2.7 3		
111	53 Unid. medium mammal (sheep to pig) Atlas	Fragment (shaft for long bones, no epiphyses)	Irrelevant				other no. 53-6					1	2.7 3		
16	1 Unid. medium mammal (sheep to pig) Unidentified limb bone	Fragment (shaft for long bones, no epiphyses)					other no. 1-1					1	2.8		
189	79 Unid. medium mammal (sheep to pig) Scapula	Distal								White burnt (calcinated)		1	2.8 4		
318	206 Unid. medium mammal (sheep to pig) Rib	Fragment (shaft for long bones, no epiphyses)								Chewed (by carnivores)		2	2.9 3		
489	468 Unid. medium mammal (sheep to pig) Calcaneus	Proximal	Left	Unfused						Chewed (by carnivores)		1	3.2		

