

# Tabellen zu den archäozoologischen Untersuchungen

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	Portikus		Haus		Hinterhof		Hinterhof ohne G8.28		Raum A		Raum B		Raum C	
	n	n%	n	n%	n	n%	n	n%	n	n%	n	n%	n	n%
Bos taurus	128	44.4	764	33.2	787	37.5	732	41.4	26	22.6	69	27.1	331	37.1
Capra hircus			1	0.0	15	0.7	14	0.8					1	0.1
Ovis aries			18	0.8	30	1.4	10	0.6	1	0.9			5	0.6
Ovis a./Capra h.	56	19.4	575	25.0	880	42.0	674	38.2	22	19.1	58	22.7	157	17.6
Sus domesticus	89	30.9	826	35.9	368	17.5	323	18.3	44	38.3	125	49.0	372	41.7
Equidae	1	0.3	2	0.1	2	0.1	2	0.1						
Canis familiaris	4	1.4	27	1.2					20	17.4			3	0.3
Gallus gallus	7	2.4	38	1.7	13	0.6	9	0.5	1	0.9			14	1.6
Anser sp.			2	0.1									1	0.1
<b>Total Haustiere</b>	<b>285</b>	<b>99.0</b>	<b>2253</b>	<b>98.0</b>	<b>2095</b>	<b>99.9</b>	<b>1764</b>	<b>99.9</b>	<b>114</b>	<b>99.1</b>	<b>252</b>	<b>98.8</b>	<b>884</b>	<b>99.0</b>
Cervus elaphus			2	0.1							1	0.4		
Capreolus capreolus			1	0.0										
Lepus europaeus			1	0.0										
Muridae			17	0.7									6	0.7
Rodentia			5	0.2										
Turdidae			1	0.0										
Aves sp.	3	1.0	6	0.3	2	0.1	2	0.1			1	0.4	2	0.2
Esox lucius			1	0.0										
Scomber japonicus			1	0.0							1	0.4		
Cyprinidae			1	0.0					1	0.9				
Pisces			9	0.4									1	0.1
<b>Total Wildtiere</b>	<b>3</b>	<b>1.0</b>	<b>45</b>	<b>2.0</b>	<b>2</b>	<b>0.1</b>	<b>2</b>	<b>0.1</b>	<b>1</b>	<b>0.9</b>	<b>3</b>	<b>1.2</b>	<b>9</b>	<b>1.0</b>
<b>Total det.</b>	<b>288</b>	<b>100</b>	<b>2298</b>	<b>100</b>	<b>2097</b>	<b>100</b>	<b>1766</b>	<b>100</b>	<b>115</b>	<b>100</b>	<b>255</b>	<b>100</b>	<b>893</b>	<b>100</b>
<b>Total indet.</b>	<b>128</b>		<b>932</b>		<b>750</b>		<b>574</b>		<b>53</b>		<b>83</b>		<b>426</b>	
<b>Gesamttotal</b>	<b>416</b>		<b>3230</b>		<b>2847</b>		<b>2340</b>		<b>168</b>		<b>338</b>		<b>1319</b>	

	Portikus		Haus		Hinterhof		Hinterhof ohne G8.28		Raum A		Raum B		Raum C	
	g	g%	g	g%	g	g%	g	g%	g	g%	g	g%	g	g%
Bos taurus	2965.1	77.5	16940.6	65.8	17705.7	71.2	16345.1	72.8	581.4	68.0	1334.8	49.8	6548.6	66.7
Capra hircus			18.7	0.1	175.1	0.7	171.8	0.8					18.7	0.2
Ovis aries			192.3	0.7	231.6	0.9	143.3	0.6	11.1	1.3			89.5	0.9
Ovis a./Capra h.	278.3	7.3	2752.5	10.7	3750.2	15.1	3084.4	13.7	72.3	8.5	282.9	10.6	750.4	7.6
Sus domesticus	565.1	14.8	5434.8	21.1	2950.9	11.9	2669.6	11.9	186.7	21.8	1038.8	38.8	2391	24.4
Equidae	11.6	0.3	246.5	1.0	32.9	0.1	32.9	0.1						
Canis familiaris	1.8	0.0	20.3	0.1					3.2	0.4			3.4	0.0
Gallus gallus	5.4	0.1	34.8	0.1	14.5	0.1	12.9	0.1	0.1	0.0			10.4	0.1
Anser sp.			1.8	0.0									0.6	0.0
<b>Total Haustiere</b>	<b>3827.3</b>	<b>100.0</b>	<b>25642.3</b>	<b>99.6</b>	<b>24860.9</b>	<b>100.0</b>	<b>22460</b>	<b>100.0</b>	<b>854.8</b>	<b>100.0</b>	<b>2656.5</b>	<b>99.1</b>	<b>9812.6</b>	<b>100.0</b>
Cervus elaphus			46.9	0.2							22.4	0.8		
Capreolus capreolus			48	0.2										
Lepus europaeus			2.9	0.0										
Muridae			0	0.0									0	0.0
Rodentia			0	0.0										
Turdidae			0	0.0										
Aves sp.	0.9	0.0	1.1	0.0	0.4	0.0	0.4	0.0			0.4	0.0	0.5	0.0
Esox lucius			0.4	0.0										
Scomber japonicus			0.3	0.0							0.3	0.0		
Cyprinidae			0	0.0					0	0.0				
Pisces			0	0.0									0	0.0
<b>Total Wildtiere</b>	<b>0.9</b>	<b>0.0</b>	<b>99.6</b>	<b>0.4</b>	<b>0.4</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>23.1</b>	<b>0.9</b>	<b>0.5</b>	<b>0.0</b>
<b>Total det.</b>	<b>3828.2</b>	<b>100</b>	<b>25741.9</b>	<b>100</b>	<b>24861.3</b>	<b>100</b>	<b>22460.4</b>	<b>100.0</b>	<b>854.8</b>	<b>100</b>	<b>2679.6</b>	<b>100</b>	<b>9813.1</b>	<b>100</b>
<b>Total indet.</b>	<b>207.7</b>		<b>1513.8</b>		<b>1221.3</b>		<b>1056.4</b>		<b>88.9</b>		<b>79.7</b>		<b>633.9</b>	
<b>Gesamttotal</b>	<b>4035.9</b>		<b>27255.7</b>		<b>26082.6</b>		<b>23516.8</b>		<b>943.7</b>		<b>2759.3</b>		<b>10447</b>	

Tab. 2: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 8. Tierartenverteilung (n und g) in den verschiedenen Befundzonen.

	G8.10		G8.28 (Hinterfüllung)		G8.28 (Hinter-/Verfüllung)		G8.28 (Verfüllung)		G8.29	
	n	n%	n	n%	n	n%	n	n%	n	n%
Bos taurus	75	31.9	13	22.8	9	23.7	33	14.0	252	13.7
Capra hircus					1	2.6			91	4.9
Ovis aries	1	0.4	1	1.8	1	2.6	18	7.6	170	9.2
Ovis a./Capra h.	34	14.5	35	61.4	22	57.9	149	63.1	1181	64.2
Sus domesticus	121	51.5	7	12.3	5	13.2	33	14.0	122	6.6
Canis familiaris	1	0.4								
Gallus gallus	3	1.3	1	1.8			3	1.3	17	0.9
Corvidae									7	0.4
<b>Total det.</b>	<b>235</b>	<b>100</b>	<b>57</b>	<b>100</b>	<b>38</b>	<b>100</b>	<b>236</b>	<b>100</b>	<b>1840</b>	<b>100.0</b>
<b>Total indet.</b>	<b>108</b>		<b>16</b>		<b>18</b>		<b>142</b>		<b>1000</b>	
<b>Gesamttotal</b>	<b>343</b>		<b>73</b>		<b>56</b>		<b>378</b>		<b>2840</b>	

Tab. 3: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 8. Tierartenverteilung in ausgewählten Gruben. G8.29 nach Joray/Portmann 2014.

	n	n% G12.29	n	n% Rest
Bos taurus	296	82.9	161	65.7
Ovis aries	4	1.1	1	0.4
Ovis aries/Capra hircus	16	4.5	24	9.8
Sus domesticus	37	10.4	58	23.7
Gallus gallus	2	0.6	1	0.4
Equidae	2	0.6	0	0
Anas f. dom./plat.	1	0.3	0	0
Total	357	100	245	100

Tab. 6: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Bestimmbare Tierarten G12.29 und restliche Phase III.3.

	n	n% G12.29	n	n% Rest
Bos taurus	296	82.9	161	65.7
Ovis aries	4	1.1	1	0.4
Ovis aries/Capra hircus	16	4.5	24	9.8
Sus domesticus	37	10.4	58	23.7
Gallus gallus	2	0.6	1	0.4
Equidae	2	0.6	0	0
Anas f. dom./plat.	1	0.3	0	0
Total	357	100	245	100

Tab. 6: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12.  
Bestimmbare Tierarten G12.29 und restliche Phase III.3.

Fundzahlen nach Phase			Fundzahlen nach Zone und Befundkategorie					
Phase	n	n%	Zone	n	n%	Befundkategorie	n	n%
III.1	1261	18.6	Haus (A, B, C)	3262	48.0	Planie	3605	53.1
III.2	804	11.8	Hinterhof (H, D)	2847	41.9	Grube/Verfüllung/Hinterfüllung	1725	25.4
III.3	982	14.5	Portikus (P)	416	6.1	Nutzungsschicht	614	9.0
III.4	1355	19.9	unklar	267	3.9	Lehmboden	188	2.8
III.5	1861	27.4				Kiesboden	170	2.5
unklar	529	7.8				Feuerstelle	126	1.9
						Bauhorizont	108	1.6
						Pfostengrube	80	1.2
			Graben	77	1.1			
			Mauer	60	0.9			
			Geröllfundament	39	0.6			
<b>Total</b>	<b>6792</b>	<b>100.0</b>	<b>Total</b>	<b>6792</b>	<b>100.0</b>	<b>Total</b>	<b>6792</b>	<b>100.0</b>

Tab. 7: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Fundzahlen und -anteile (n) in den verschiedenen Phasen, Befundzonen und Befundkategorien.

	<b>n</b>	<b>n%</b>	<b>g</b>	<b>g%</b>
Total Gruben	2182	25.6	33405.5	34.1
Total Gräben	118	1.4	1342.3	1.4
Total Pfostengruben	127	1.5	1452.73	1.5
Total Strukturen	282	3.3	2878.3	2.9
Total "in situ-Schichten"	485	5.7	3816.4	3.9
Total Planieschichten	5346	62.6	55002.5	56.2
<b>Total</b>	<b>8540</b>	<b>100</b>	<b>97897.7</b>	<b>100</b>

Tab. 8: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12.  
Fundanteile (n% und g%) in den verschiedenen Befundtypen.

	Bauhorizont	Brand-schicht	Brandschutt-schicht	Feuerstelle	Feuer-stellenabfall	Geröllfund-ament	Graben	Grube	
Total n	108	159	921	13	113	39	77	401	
Durchschnittsgewicht (g)	8	18	11.4	4.2	10	8.6	16.3	5.1	
Erhaltung	gut	102	157	878	13	105	39	70	394
	mittel	5	2	18	0	3	0	7	1
	schlecht	0	0	3	0	1	0	0	0
Bruchkanten	scharf	90	138	742	11	100	34	40	368
	leicht verrundet	10	6	25	0	1	0	3	12
	stark verrundet	1	0	0	0	0	0	0	0
Brandspuren	keine	104	152	874	12	108	38	75	384
	angebrannt	2	1	5	1	1	1	0	2
	verkohlt/kalziniert	2	5	42	0	4	0	1	15
Verbiss	keiner	92	154	829	11	97	35	74	389
	Carnivore/Schwein	14	5	72	2	11	4	3	6
Fettglanz	keiner	106	159	899	13	113	39	77	401
	vollständig/partiell	2	0	22	0	0	0	0	0
Verfärbungen	grün (Kupfer)	0	1	16	0	7	2	0	1
	Rost	0	3	4	0	2	1	0	2

	Hinter-füllung	Kiesboden	Lehmboden	Mauer	Nutzungs-schicht	Pfosten-grube	Planie	Verfüllung	
Total n	79	170	188	60	455	80	2684	1245	
Durchschnittsgewicht (g)	6.3	11.1	4.9	8	7.8	7.1	8.6	8.9	
Erhaltung	gut	77	159	180	57	421	74	2602	1214
	mittel	0	9	7	2	8	5	61	22
	schlecht	0	1	0	0	6	0	9	0
Bruchkanten	scharf	72	136	168	48	356	36	2201	1111
	leicht verrundet	0	4	3	1	20	12	148	36
	stark verrundet	0	2	0	1	4	0	6	0
Brandspuren	keine	78	170	185	56	445	79	2638	1224
	angebrannt	0	0	1	0	2	0	7	1
	verkohlt/kalziniert	1	0	2	4	6	1	27	11
Verbiss	keiner	76	159	175	54	421	76	2518	1192
	Carnivore/Schwein	1	8	5	4	16	3	156	44
Fettglanz	keiner	79	169	186	60	454	80	2664	1234
	vollständig/partiell	0	0	2	0	1	0	20	10
Verfärbungen	grün (Kupfer)	1	0	6	0	7	0	22	13
	Rost	0	1	1	0	0	0	8	7

Tab. 9: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 8. Erhaltung der Knochen in den verschiedenen Befundkategorien.

	Total	gut		mittel		schlecht	
	n	n	n%	n	n%	n	n%
G12.10 Verfüllung	416	287	69.0	129	31.0		0
G12.12 Verfüllung	129	117	90.7	12	9.3		0
G12.17 Verfüllung	212	201	94.8	11	5.2		0
G12.22 Hinterfüllung	140	118	84.3	18	12.9	4	2.9
G12.22 Verfüllung	257	248	96.5	9	3.5		0
G12.29 Verfüllung	436	282	64.7	146	33.5	8	1.8
G12.6 Verfüllung	215	155	72.1	60	27.9		0
Total Gruben	2182	1702	78.0	494	22.6	19	0.9
Total Gräben	118	109	92.4	9	7.6	0	0
Total Pfostengruben	94	78	83.0	15	16.0	1	1.1
Total Strukturen	282	189	67.0	90	31.9	3	1.1
Nutzungsschicht	178	155	87.1	23	12.9		0
Bauhorizont	212	180	84.9	32	15.1		0
Total "in situ-Schichten"	485	428	88.2	57	11.8		0
Brandschuttschicht	874	760	87.0	111	12.7	3	0.3
Boden/-unterbau	651	576	88.5	72	11.1	3	0.5
Planien	2410	3180	132.0	447	18.5	4	0.2
<b>Total Planieschichten</b>	<b>5346</b>	<b>4517</b>	<b>84.5</b>	<b>630</b>	<b>11.8</b>	<b>10</b>	<b>0.2</b>

Tab. 10: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12.  
Oberflächenerhaltung (n%) der Knochenfragmente in den  
verschiedenen Befundtypen.



	Phase III.1		Phase III.2		Phase III.3		Phase III.4		Phase III.5	
	n	n%	n	n%	n	n%	n	n%	n	n%
gut	2015	89.1	1466	91.7	524	69.9	2733	82.6	402	72.6
mittel	244	10.8	127	7.9	212	28.3	569	17.2	148	26.7
schlecht	3	0.1	5	0.3	14	1.9	7	0.2	4	0.7
<b>Total</b>	<b>2262</b>	<b>100</b>	<b>1598</b>	<b>100</b>	<b>750</b>	<b>100</b>	<b>3310</b>	<b>100</b>	<b>554</b>	<b>100</b>

Tab. 11: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Oberflächenerhaltung (n%) der Knochenfragmente in den verschiedenen Phasen.

	Phase III.1		Phase III.2		Phase III.3		Phase III.4		Phase III.5	
	n	n%	n	n%	n	n%	n	n%	n	n%
leicht verrundet	29	1.3	27	1.7	188	25.1	103	3.1	16	2.9
stark verrundet	1	0.0	2	0.1		0.0	3	0.1	1	0.2
<b>Total</b>	<b>2262</b>	<b>100</b>	<b>1598</b>	<b>100</b>	<b>750</b>	<b>100</b>	<b>3310</b>	<b>100</b>	<b>554</b>	<b>100</b>

Tab. 12: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Anteil (n%) der Knochen mit verrundeten Bruchkanten in den verschiedenen Phasen.

	<b>Total</b>	<b>n</b>	<b>n%</b>
G12.10 Verfüllung	416	19	4.6
G12.12 Verfüllung	129	8	6.2
G12.17 Verfüllung	212	2	0.9
G12.22 Hinterfüllung	140	2	1.4
G12.22 Verfüllung	257	12	4.7
G12.29 Verfüllung	436	21	4.8
G12.6 Verfüllung	215	2	0.9
Total Gruben	2182	82	3.8
Total Gräben	118	7	5.9
Total Pfostengruben	94	4	4.3
Total Strukturen	282	15	5.3
Nutzungsschicht	178	7	3.9
Bauhorizont	212	5	2.4
Total "in situ-Schichten"	485	14	2.9
Brandschuttschicht	874	58	6.6
Boden/-unterbau	651	26	4.0
Planien	2410	147	6.1
Total Planieschichten	5346	231	4.3

Tab. 13: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Anteil (n%) der Knochen mit Verbissspuren in den verschiedenen Befundtypen.

FK	Phase/Zone	Befund	Tierart	Skeletteile
376	1H	G12.6 Verfüllung	Bos taurus	1 Carp., 1 Mc III+IV, 1 Mc V, 2 Phal.I ant, 2 Phal.II ant., 2 Phal. III ant.
367	1H	G12.6 Verfüllung	Sus dom.	1 Axis, 14 Vert.cerv. Fragmente
2282	1B	Boden/-unterbau	Sus dom.	2 Vert. Cerv.
72	4D/H	Brandschuttschicht	Dama dama	1 Mt III+IV, 2 Phal.1 post., 1 Phal.II post.
1393	4A/B	Planie	Bos taurus	1 Phal.I ant., 1 Phal II ant.
2101	3H	G12.29	Bos taurus	2 Phal.I ant.
2093	3H	G12.29	Ovis aries	1 Ulna, 1 Radius

Tab. 14: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Zusammengehörende Skeletteile.

Bos taurus	Phase III.1		Phase III.2		Phase III.3		Phase III.4		Phase III.5	
	n	g	n	g	n	g	n	g	n	g
Cranium	49	802.3	26	173.4	29	631.7	38	625.4	36	368.8
Dens superior	3	23.9			8	114.2	17	311.4	7	117.9
Dens superior/inferior			4	7.5	2	5.7	1	0.6		
Maxilla	3	300			1	56	5	223.1	1	27.6
Os hyoideum	2	5.6	3	12.7	1	2.4	2	13.6	3	11
Processus cornualis	4	138.5	3	6.2	1	1.6	21	516.4	29	337.2
Dens inferior	3	36			4	36.3	1	18.7	4	33
Mandibula	4	319.6	12	238.2	9	180.1	16	1076.5	43	1051.5
Total Kopf	68	1625.9	48	438	55	1028	101	2785.7	123	1947
Atlas	4	83.6	3	68.7	1	108.6	4	67.3	9	234.7
Epistropheus	1	123	2	17.3			5	158.5	3	56.7
Sacrum	1	6.7	4	36.9	6	91.1	1	12.9	4	84.7
Vertebra caudalis	3	29.2			2	8.1	2	5.2	1	4
Vertebra cervicalis	6	140.2	3	36.1	9	134.9	15	248	18	360.5
Vertebra indet.	2	10.5	1	7.6					7	51.8
Vertebra lumbalis	13	202.1	7	58.1	10	127.4	11	239.3	23	564.2
Vertebra thoracicus	24	362.9	5	86.7	18	264.8	12	162	38	674.5
Costa	28	331	52	832.2	43	469.7	69	991.9	92	1082.8
Total Rumpf	82	1289.2	77	1143.6	89	1204.6	119	1885.1	195	3113.9
Coxa	12	500.6	10	266.6	7	163.2	17	511.6	28	811.1
Femur	13	356.4	5	131.6	7	113.7	17	445.4	38	1264.8
Humerus	20	902.4	14	400.8	16	422.6	27	998.5	35	1425.5
Scapula	4	132.5	3	236.5	1	48	13	760.3	17	354.8
Total Stylopodium	49	1891.9	32	1035.5	31	747.5	74	2715.8	118	3856.2
Radius/Ulna	9	397.2	6	109.7	8	197.6	8	134.6	34	1050.3
Tibia	3	166.6	8	138.1	3	117.2	12	723	31	541.8
Total Zygo-podium	12	563.8	14	247.8	11	314.8	20	857.6	65	1592.1
Metacarpus III+IV	11	391.3	5	56	4	68.4	13	500.8	20	656.2
Metatarsus III+IV	10	168.7	11	502.3	15	381.6	26	1243	23	603
Metapodium indet.	3	12	2	25.2	2	36.8	2	9.6	8	76.6
Carpalia	6	79.1	0	0	3	31.5	2	23.2	3	34.7
Tarsalia	4	117.7	1	9.6	2	76.8	8	271	23	821.8
Phalanges	13	287.1	18	349.1	20	443	24	590.9	25	519.3
Total Autopodium	47	1055.9	37	942.2	46	1038.1	75	2638.5	102	2711.6
Gesamttotal	258	6426.7	208	3807.1	232	4333	389	10882.7	603	13220.8

Tab. 15: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 8. Skeletteilspektrum (n und g) des Hausrindes in den verschiedenen Phasen.

Ovis a./Capra h.	Phase III.1		Phase III.2		Phase III.3		Phase III.4		Phase III.5	
	n	g	n	g	n	g	n	g	n	g
Cranium	17	113.2	6	15.1	9	45	10	121.7	12	143.3
Dens superior			1	4.5			6	40.6	13	70.3
Dens superior/inferior					1	0.4	1	0.5		
Maxilla	1	13.8			2	18.9			1	3.6
Maxilla/Mandibula	1	0.3								
Os hyoideum			4	2.4			3	1.3	2	1.5
Processus cornualis	22	148.1			3	18.1	3	33	11	133
Dens inferior	2	3	4	3.4	3	3.5	7	30.8	12	52.4
Mandibula	13	231.1	7	91.3	10	172.6	22	296.2	29	200.6
Total Kopf	56	509.5	22	116.7	28	258.5	52	524.1	80	604.7
Atlas					1	10.7	1	13.3	2	17
Epistropheus					1	5.4	3	17.4	1	3
Sacrum	2	8.2								
Vertebra cervicalis	1	0.6			8	44.2	1	1.9	2	6.2
Vertebra lumbalis	3	7.3	2	2.3	3	7	3	5.7	3	16.7
Vertebra thoracicus	8	10.8	3	4.3	3	5.2	9	21.8	4	14.3
Costa	28	52.6	20	35.1	30	49.9	35	64.5	45	71.3
Sternum					1	2				
Total Rumpf	42	79.5	25	41.7	47	124.4	52	124.6	57	128.5
Coxa	3	2.9	3	36.7	4	16	3	7.2	3	14.1
Femur	5	36.7	4	15.5	3	12	10	44.7	5	26.1
Humerus	9	65.1	5	24.2	14	70.7	10	63.3	15	115.1
Patella					1	1				
Scapula	3	11.1	1	3.8	8	47.8	8	47.9	7	38.4
Total Stylopodium	20	115.8	13	80.2	30	147.5	31	163.1	30	193.7
Radius/Ulna	8	25.5	8	59.4	16	71	22	104.6	37	219.5
Tibia	12	66.2	7	35.5	21	84.5	26	181.6	34	269.7
Total Zygopodium	20	91.7	15	94.9	37	155.5	48	286.2	71	489.2
Metacarpus III+IV	43	183.3	8	47.6	11	59.6	44	232.2	125	620
Metatarsus III+IV	75	268.8	4	23.6	10	30.1	71	366.6	180	710
Metapodium indet.	36	31.8	4	6.9	3	3	14	25.4	20	30.2
Phalanges	18	23.7	2	1.5			11	23.5	5	10.2
Carpale IV	1	1								
Tarsalia	1	5.3			1	4.8	3	13.3	2	17.3
Total Autopodium	174	513.9	18	79.6	25	97.5	143	661	332	1387.7
Gesamttotal	312	1310.4	93	413.1	167	783.4	326	1759	570	2803.8

Tab. 16: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 8. Skeletteilspektrum (n und g) der Schafe/Ziegen in den verschiedenen Phasen.

Sus domesticus	Phase III.1		Phase III.2		Phase III.3		Phase III.4		Phase III.5	
	n	g	n	g	n	g	n	g	n	g
Cranium	32	179.2	22	214.7	39	238.4	30	222.6	27	253.2
Dens superior	9	30.4	4	7.6	6	15.3	4	13.4	5	23.9
Dens superior/inferior			2	1.6			1	0.3	1	1
Maxilla	4	18.3			1	12.1	1	8.2		
Maxilla/Mandibula			1	0.7						
Dens inferior	23	62.6	9	17.1	5	9.3	11	38.3	18	62.9
Mandibula	51	656.1	17	160.4	22	364.3	24	347.4	42	458.2
Total Kopf	119	946.6	55	402.1	73	639.4	71	630.2	93	799.2
Atlas	1	7.1	3	12.1	1	14.5	2	17.8	2	19.5
Epistropheus	2	25			1	5.3				
Sacrum	1	8.9			3	19.1	1	3.1	1	6.8
Vertebra cervicalis	6	22.5	2	10.2	2	14.3	2	5.9	2	9.3
Vertebra indet.			2	7.8						
Vertebra lumbalis	3	37.3	3	20.2	6	43	9	60.4	1	7.9
Vertebra thoracicus	5	28.9	9	31.7	7	29.4	10	53	5	12.7
Costa	59	209.1	30	117.8	41	143.9	53	166.4	38	119.3
Sternum	1	2.2			1	0.8	1	3.2		
Total Rumpf	78	341	49	199.8	62	270.3	78	309.8	49	175.5
Coxa	9	90.7	3	22.9	5	34.5	14	217.5	6	62.8
Femur	4	31.4	10	54.3	7	36.8	15	149.7	10	151.4
Humerus	14	157.5	6	43.6	12	144.3	17	251.4	19	253
Scapula	4	25	5	22.4	11	58.4	23	206.4	16	100
Total Stylopodium	31	304.6	24	143.2	35	274	69	825	51	567.2
Fibula	8	14.3	4	4.3	4	6.3	6	10	6	12.1
Radius	7	46.9	4	49.3	7	68.7	9	76.1	12	93
Tibia	12	115.2	11	75.5	15	98.7	9	98.4	23	246.2
Ulna	11	73.2	6	38.2	12	77	10	109	15	171.7
Total Zygopodium	38	249.6	25	167.3	38	250.7	34	293.5	56	523
Metacarpalia	5	20	9	37.7	17	90.3	12	59.7	10	49.7
Metatarsalia	6	18.6	9	65.7	2	8.5	8	30.9	10	55
Metapodium indet.	2	8.1	2	3.7	4	20.7	3	4.2	1	4.2
Phalanges	8	16.8	8	15.3	16	61	4	12.4	3	7.1
Tarsalia	3	17.7	3	28.6	4	23.3	4	39.5	4	45.5
Total Autopodium	24	81.2	31	151	43	203.8	31	146.7	28	161.5
Gesamttotal	290	1923	184	1063.4	251	1638.2	283	2205.2	277	2226.4

Tab. 17: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 8. Skelettteilspektrum (n und g) des Hausschweines in den verschiedenen Phasen.

Bos	Phase III.1		Phase III.2		Phase III.3		Phase III.4		Phase III.5		Phase III.3-4	
	n	g	n	g	n	g	n	g	n	g	n	g
Processus cornualis	124	495.7	44	287.8	49	398.7	232	855.3	22	54.7		
Schädel mit Hornzapfen	71	3744.2	54	4243.7	104	9000.2	154	4810.8	20	533		
Cranium	197	1124.2	92	737	112	688.9	327	1430.5	68	272	3	12.1
Maxilla	3	327.4	4	123.6	1	11	5	87.2				
Dens superior	4	25.5	4	68.1			12	182.3	2	55.2		
Mandibula	11	506.4	13	330.5	6	93.6	43	1105.6	9	254.7		
Dens inferior	5	74.7	3	28.8	1	8.8	4	22.3	2	14	1	1.6
Maxilla/Mandibula			1	1.3								
Dens superior/inferior	1	1.8					1	2.7				
Os hyoideum	5	21.7	6	21.9	1	6	7	22.8				
<b>Total Kopf</b>	<b>421</b>	<b>6321.6</b>	<b>221</b>	<b>5842.7</b>	<b>274</b>	<b>10207.2</b>	<b>785</b>	<b>8519.5</b>	<b>123</b>	<b>1183.6</b>	<b>4</b>	<b>13.7</b>
Atlas	5	70.5	1	18.4	1	59	4	41.4				
Axis (Epistropheus)							2	55.4	1	11.5		
Vertebra cervicalis	7	351.9	5	149.6	2	175.4	13	375.2				
Vertebra thoracicus	15	277.8	13	311.2	9	282.9	12	184.2	5	113.9		
Vertebra lumbalis	8	68.6	16	316.3	3	53.7	12	240.4	4	48.1	1	20.9
Sacrum/Synsacrum	1	1.7	1	16.3	1	9.9	6	141.1	1	6		
Vertebra caudalis	65	230.7	41	193.6	8	34.1	35	170.6	3	5.2	2	13.9
Vertebra indet.	2	10	4	57	3	12.5	12	106.4	2	13.3		
Costa	99	1212.1	87	1253.8	32	606.7	155	2203.2	28	298.1	2	6.9
Sternum			4	47.5	2	27.1	2	21.6				
<b>Total Rumpf</b>	<b>202</b>	<b>2223.3</b>	<b>172</b>	<b>2363.7</b>	<b>61</b>	<b>1261.3</b>	<b>253</b>	<b>3539.5</b>	<b>44</b>	<b>496.1</b>	<b>5</b>	<b>41.7</b>
Scapula	10	447.7	5	82.8	9	502.4	22	1039.5	11	407	1	35.9
Humerus	4	70.5	8	239.3	2	195.8	12	337.5	5	268	2	24
Coxa	6	220.8	2	26.9	9	525.6	17	253.4	1	25.1		
Femur	9	444.8	15	389.9	6	124	12	357.4	3	78.1	2	86.5
<b>Total Stylopodium</b>	<b>29</b>	<b>1183.8</b>	<b>30</b>	<b>738.9</b>	<b>26</b>	<b>1347.8</b>	<b>63</b>	<b>1987.8</b>	<b>20</b>	<b>778.2</b>	<b>5</b>	<b>146.4</b>
Radius	8	271.5	4	108.9	2	194.7	16	848.1	4	113.2	2	46.4
Radius+Ulna (verw.)	1	18.9			2	344.7	4	60.8				
Ulna	10	110	5	49.1	1	35.1	6	151.7	1	28.9	1	21.8
Tibia/Tibiotarsus	6	179.9	6	127.1	2	48.6	11	417.6	3	157.6		
<b>Total Zygopodium</b>	<b>25</b>	<b>580.3</b>	<b>15</b>	<b>285.1</b>	<b>7</b>	<b>623.1</b>	<b>37</b>	<b>1478.2</b>	<b>8</b>	<b>299.7</b>	<b>3</b>	<b>68.2</b>
Carpale	9	141.8	8	144.4	2	23.4	3	51.9	1	12.9		
Calcaneus			1	22.2	3	89.5	2	48.9				
Talus (Astragalus)	1	50.4	2	68.8	2	88.2	4	188.5				
Centroquartale	2	62.2	1	10			2	50.3				
Tarsale			2	22.2			1	6.4				
Mc III+IV	21	1291.1	17	1143.7	11	697.7	26	1357.2	5	394.3	3	192.7
Mc V	1	3.8	2	5.1								
Mt III+IV	37	2062.8	38	1681.6	23	1225.6	54	2927.9	6	242.1	2	151.8
Mp indet. Hauptstrahl	15	244	7	59.9	7	78.7	19	304.6	3	52.8		
Phal. 1 ant.	15	497.8	30	1068.1	15	539.3	27	882.3	3	81.9	1	26.9
Phal. 1 ant./post.	4	65.3	6	78.5	1	16.1	15	165.5	2	12.6		
Phal. 1 post.	10	267.1	11	284.2	6	140.9	14	324.9	3	76.2	2	43.8
Phal. 2 ant.	8	225					1	20.5				
Phal. 2 ant./post.	23	429.2	30	567.2	8	146	39	667.4	6	94.4	1	18.2
Phal. 3 ant.	1	47.5										
Phal. 3 ant./post.	33	684	21	418.1	10	251.8	31	638.2	10	150.3	1	36
Sesamoid	2	9.9	1	1.9	1	2.3	4	12.2	1	3		
<b>Total Autopodium</b>	<b>182</b>	<b>6081.9</b>	<b>177</b>	<b>5575.9</b>	<b>89</b>	<b>3299.5</b>	<b>242</b>	<b>7646.7</b>	<b>40</b>	<b>1120.5</b>	<b>10</b>	<b>469.4</b>
Röhrenknochen							1	15				
Plattenknochen indet.							1	12.2				
<b>Gesamtergebnis</b>	<b>859</b>	<b>16390.9</b>	<b>615</b>	<b>14806.3</b>	<b>457</b>	<b>16738.9</b>	<b>1382</b>	<b>23198.9</b>	<b>235</b>	<b>3878.1</b>	<b>27</b>	<b>739.4</b>

Tab. 18: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Skeletteilspektrum (n und g) des Hausrindes in den verschiedenen Phasen.



Sus	Phase III.1		Phase III.2		Phase III.3		Phase III.4		Phase III.5		Phase III.3-4	
	n	g	n	g	n	g	n	g	n	g	n	g
Cranium	54	414.3	33	252.3	9	160.9	42	274.8	4	12	4	6
Maxilla	20	275	7	185.1	5	108.8	14	175.1	2	42.4	1	50.5
Maxilla/Mandibula					1	0.4			1	0.4		
Mandibula	45	716.9	17	204.2	8	179.8	38	672.1	7	95.9	1	106.4
Dens superior	8	11	7	20.1	2	5.4	8	10.2	4	10.3		
Dens superior/inferior	5	5.7	7	1.6			1	3	2	6.4	1	0.4
Dens inferior	24	117.4	6	9.5	2	14.8	10	30.9	4	8.8		
Os hyoideum									1	2.1		
<b>Total Kopf</b>	<b>156</b>	<b>1540.3</b>	<b>77</b>	<b>672.8</b>	<b>27</b>	<b>470.1</b>	<b>113</b>	<b>1166.1</b>	<b>25</b>	<b>178.3</b>	<b>7</b>	<b>163.3</b>
Atlas	4	40.8	2	11.3	1	8	7	67.6	2	12.2	1	7.4
Axis (Epistropheus)	2	22.2					1	6				
Vertebra cervicalis	38	148.1	7	36	1	4.8	9	59.7	1	3.1		
Vertebra thoracicus	32	181.2	28	138.8	3	13.6	38	177.7	2	10.3	4	16.1
Vertebra lumbalis	26	220	27	239.5	3	38.9	20	232.5	5	22	1	3.3
Sacrum/Synsacrum	1	4	1	6.9								
Vertebra indet.	2	1.2	2	2.4	2	5.5			2	4.2		
Costa	220	372.8	74	306.1	17	64.6	185	769.7	21	82.2	4	24.4
Sternum			5	25.1								
<b>Total Rumpf</b>	<b>325</b>	<b>990.3</b>	<b>146</b>	<b>766.1</b>	<b>27</b>	<b>135.4</b>	<b>260</b>	<b>1313.2</b>	<b>33</b>	<b>134</b>	<b>10</b>	<b>51.2</b>
Scapula	21	137.8	12	105.5	4	12.1	47	360.3	7	55.4	1	19.2
Humerus	11	110.8	12	139.6	5	104	17	194	5	93.6		
Coxa	13	187.5	15	279.6	4	29	21	289.5	2	29.4		
Femur	21	268.1	16	220.9	1	3.2	15	195	8	75.8		
<b>Total Stylopodium</b>	<b>66</b>	<b>704.2</b>	<b>55</b>	<b>745.6</b>	<b>14</b>	<b>148.3</b>	<b>100</b>	<b>1038.8</b>	<b>22</b>	<b>254.2</b>	<b>1</b>	<b>19.2</b>
Radius	6	71.8	4	49	2	29.7	17	140.1	4	26.5		
Ulna	8	78.4	5	41.4	4	50.9	10	116.1	2	31.1	3	18.9
Tibia/Tibiotarsus	26	300.4	19	261.6	5	26.6	36	384.3	6	43.4		
Fibula	15	38.5	7	16.8			18	42.8	2	2.7		
<b>Total Zygopodium</b>	<b>55</b>	<b>489.1</b>	<b>35</b>	<b>368.8</b>	<b>11</b>	<b>107.2</b>	<b>81</b>	<b>683.3</b>	<b>14</b>	<b>103.7</b>	<b>3</b>	<b>18.9</b>
Carpale			1	2.4								
Calcaneus	5	62	2	24	2	23.7	3	35.6	1	9.3		
Talus (Astragalus)	1	12.3	2	20.7			1	9.2	2	22.5		
Centroquartale			2	5.7			1	4.6				
Tarsale IV (Os cub.)					1	5.2	1	3.2				
Mc II	4	8.4	1	2	1	4	5	9.6				
Mc III	7	48.9	3	33.8			8	79.1	1	8		
Mc IV	7	38.4	6	39.4	3	20.03	11	89.7			1	2.4
Mc V	8	17.7	3	7.3	1	5.2	8	22.2	1	3.4		
Mp indet. Hauptstrahl	9	25.5	2	8.2			10	32.7	2	5.4		
Mp indet. Nebenstrahl	2	3.5	2	2.4			4	6.9				
Mt II	5	9.3	3	6.1	2	5	11	23.2				
Mt III	9	72.6	3	28.8	2	10	5	38.6			1	4.6
Mt III+IV			1	2.4								
Mt IV	10	90	3	32.6			9	67.9	1	4.2		
Mt V	5	14.4	5	9.9	1	2.6	5	11.1				
Phal. 1 ant./post.	11	53.7	5	26.8	1	3	15	67.7				
Phal. 1 Nebenstrahl	1	1.6	1	2.2	1	1.4	1	2.1				
Phal. 2 ant./post.	4	11.6	3	11.3	1	4.1	2	6.9				
Phal. 3 ant./post.	5	13.6	3	8.6			3	7.2			1	2.6
<b>Total Autopodium</b>	<b>93</b>	<b>483.5</b>	<b>51</b>	<b>274.6</b>	<b>16</b>	<b>84.23</b>	<b>103</b>	<b>517.5</b>	<b>8</b>	<b>52.8</b>	<b>3</b>	<b>9.6</b>
<b>Gesamtergebnis</b>	<b>695</b>	<b>4207.4</b>	<b>364</b>	<b>2827.9</b>	<b>95</b>	<b>945.23</b>	<b>657</b>	<b>4718.9</b>	<b>102</b>	<b>723</b>	<b>24</b>	<b>262.2</b>

Tab. 19: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Skeletteilspektrum (n und g) des Hausschweines in den verschiedenen Phasen.

Ovis a./Capra h.	Phase III.1		Phase III.2		Phase III.3		Phase III.4		Phase III.5		Phase III.3-4	
	n	g	n	g	n	g	n	g	n	g	n	g
Processus cornualis			1	8.4			2	23.8				
Schädel mit Hornzapfen	1	20.5	1	91.1			1	102.8	1	6		
Cranium	15	78.4	18	66.3	3	19.4	15	61.2	2	9.2	2	2.3
Maxilla	5	68.4	3	66.7	1	8.2	2	48				
Dens superior	3	13.6	3	6.4	1	8.6	7	34.7	1	7		
Mandibula	24	329.6	13	164.4	5	78.1	27	166	11	158.1		
Dens inferior	3	3.7	4	8.3	1	5.3	12	43.7	2	15.9		
Dens superior/inferior									3	1.6		
Os hyoideum	2	0.9	2	0.8			1	0.6			1	0.9
<b>Total Kopf</b>	<b>53</b>	<b>515.1</b>	<b>45</b>	<b>412.4</b>	<b>11</b>	<b>119.6</b>	<b>67</b>	<b>480.8</b>	<b>20</b>	<b>197.8</b>	<b>3</b>	<b>3.2</b>
Atlas			1	6.8			3	25.9	2	27.6		
Vertebra cervicalis	4	14.4	2	7.6	1	5.2	4	14				
Vertebra thoracicus	4	6.2	11	33.7	3	6.4	8	14.8	1	2.2		
Vertebra lumbalis	6	38.2	4	20.8	2	14.8	8	27.1				
Costa	17	45.6	21	39.6	7	12.2	53	96.6	9	11.2		
<b>Total Rumpf</b>	<b>31</b>	<b>104.4</b>	<b>39</b>	<b>108.5</b>	<b>13</b>	<b>38.6</b>	<b>76</b>	<b>178.4</b>	<b>12</b>	<b>41</b>	<b>0</b>	<b>0</b>
Scapula	4	45.8	8	30	3	13.6	14	91				
Humerus	5	18.3	11	45	1	2.7	19	130.8	3	5.4		
Coxa	2	9.5	4	12.7	2	11.5	6	35.3				
Femur	13	88.5	16	102.1	3	9.9	22	94	3	12.9		
<b>Total Stylopodium</b>	<b>24</b>	<b>162.1</b>	<b>39</b>	<b>189.8</b>	<b>9</b>	<b>37.7</b>	<b>61</b>	<b>351.1</b>	<b>6</b>	<b>18.3</b>	<b>0</b>	<b>0</b>
Radius	10	91.2	7	42.8	1	9.2	21	126.1	1	3.3		
Radius+Ulna (verw.)			1	7.4								
Ulna	3	11.3	2	4.1	4	16.2	5	6.8	1	0.8		
Tibia/Tibiotarsus	8	67	4	34.2	2	21.5	16	123.8	8	42.2		
<b>Total Zygotopodium</b>	<b>13</b>	<b>102.5</b>	<b>10</b>	<b>54.3</b>	<b>5</b>	<b>25.4</b>	<b>26</b>	<b>132.9</b>	<b>2</b>	<b>4.1</b>	<b>0</b>	<b>0</b>
Talus (Astragalus)	2	16.3					1	2.4				
Calcaneus			1	1.8			3	6				
Mc III+IV	3	31.9	3	36.3	1	9.9	8	36.4	2	11.6		
Mt III+IV	8	53.6	5	8.9	4	29.1	14	53.3	2	7.1		
Mp indet. Hauptstrahl	3	6.3	4	4.9			9	19.2				
Phal. 1 ant./post.	1	0.8					1	3.4	1	3.4		
Phal. 2 ant./post.							1	0.9	1	0.8		
<b>Total Autopodium</b>	<b>17</b>	<b>108.9</b>	<b>13</b>	<b>51.9</b>	<b>5</b>	<b>39</b>	<b>37</b>	<b>121.6</b>	<b>6</b>	<b>22.9</b>	<b>0</b>	<b>0</b>
<b>Gesamtergebnis</b>	<b>146</b>	<b>1060</b>	<b>150</b>	<b>851.1</b>	<b>45</b>	<b>281.8</b>	<b>283</b>	<b>1388.6</b>	<b>54</b>	<b>326.3</b>	<b>3</b>	<b>3.2</b>

Tab. 20: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Skeletteilspektrum (n und g) der Schafe/Ziegen in den verschiedenen Phasen.

Altersverteilung Rind							
	III.1	III.2	III.3	III.4	III.5	Total n	Total n%
infantil	1		1		1	3	2.50
juvenil	1	2		1	3	7	5.83
subadult		2	3	4	1	10	8.33
jungadult	6	3	4	8	7	29	24.17
senil	8	2	18	21	26	71	59.17
Total jugendlich	4	5	5	9	13	37	19.6
Total erwachsen	21	9	29	41	53	152	80.4

Tab. 21: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 8. Altersverteilung Rind.

Alterverteilung Schaf/Ziege							
	III.1	III.2	III.3	III.4	III.5	Total n	Total n%
infantil	4	3	2	2	4	16	13.9
juvenil	4	3	1	5	3	17	14.8
subadult	2		1	5	3	11	9.6
jungadult	3	1	2	10	15	31	27.0
senil	5	2	7	13	12	40	34.8
Total jugendlich	21	13	6	23	19	92	44.2
Total erwachsen	16	4	11	35	46	116	55.8

Tab. 22: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 8. Altersverteilung Schaf/Ziege.

Altersverteilung Schwein							
	III.1	III.2	III.3	III.4	III.5	Total n	Total n%
fötal/neonat			2			2	2.0
infantil	1	2	3	5	2	13	13.1
juvenil	3	1	2		1	7	7.1
subadult	7	5	6	5	8	32	32.3
jungadult	8	2	8	5	10	33	33.3
senil	3	2		3	4	12	12.1
Total jugendlich	17	21	25	28	29	122	56.2
Total erwachsen	19	11	28	12	24	95	43.8

Tab. 23: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 8. Altersverteilung Schwein.

	Phase III.1	Phase III.2	Phase III.3	Phase III.4	Phase III.5	Phase III.3-4	Total
männlich	11	5	3	17	2		38
weiblich	8	3		3			14

Tab. 24: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Geschlechtsbestimmungen Hausschwein.

<b>FK</b>	<b>Tierart</b>	<b>Phase</b>	<b>Skelettteil</b>	<b>GL (mm)</b>	<b>Faktor</b>	<b>WRH (cm)</b>	<b>Mittelwert (cm)</b>
875	Bos taurus	III.4	Metatarsus	236	5.33	132.6	132.6
1604	Capra hircus	III.5	Metacarpus	122.17	5.75	70.2	68.5
1946	Capra hircus	III.5	Metatarsus	125.18	5.34	66.8	
1105	Ovis aries	III.1	Metatarsus	140.21	4.54	63.7	61.0
1343	Ovis aries	III.4	Metatarsus	133.5	4.54	60.6	
877	Ovis aries	III.5	Metacarpus	117.38	4.89	57.4	
1946	Ovis aries	III.5	Metacarpus	126.96	4.89	62.1	

Tab. 25: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 8. Widerristhöhen.











925	4	A/B	Sch200	Capreolus cap Metatarsus III+IV	190.65	20.52	11.68	11.38	24.52
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Tab. 26: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 8. Masstabellen (Masse nach von den Driesch 1976).

Fundkomplex	Phase	Geschlecht	Tierart	Skeletteil	GD base	LD base	basal circumference	L outer curvature	L inner curvature
2504	III.3		Bos taurus	Hornzapfen	65.1	52.2	190		
Fundkomplex	Phase				GD base	LD base	basal circumference	L outer curvature	L inner curvature
128	III.1	Kastrat?	Bos taurus	Schädel mit Hornzapfen	53.7	42.8	155		
128	III.1	weiblich	Bos taurus	Schädel mit Hornzapfen	35.5	30	105	95	70
174	III.1	Kastrat?	Bos taurus	Schädel mit Hornzapfen	63.1	54.8	180		
350	III.1	Kastrat?	Bos taurus	Schädel mit Hornzapfen	46.1	38	148		
363	III.1	männlich	Bos taurus	Schädel mit Hornzapfen	72.4	54	198		
363	III.1	Kastrat?	Bos taurus	Schädel mit Hornzapfen	44.5	37	130	190	150
363	III.1	?	Bos taurus	Schädel mit Hornzapfen	46.1	38.6	140	195	145
365	III.1	weiblich	Bos taurus	Schädel mit Hornzapfen	42.9	35.1	125	115	90
365	III.1	weiblich?	Bos taurus	Schädel mit Hornzapfen	39.4	30.8	113	125	95
365	III.1	weiblich?	Bos taurus	Schädel mit Hornzapfen	42.8	34.9	122	112	95
367	III.1	männlich	Bos taurus	Schädel mit Hornzapfen	80.2	59.3	223		
367	III.1	Männlich	Bos taurus	Schädel mit Hornzapfen	51.8	37.4	150		
371	III.1	männlich	Bos taurus	Schädel mit Hornzapfen	46.2	38.8	138	133	100
373	III.1	Kastrat?	Bos taurus	Schädel mit Hornzapfen	51.1	42.1	150	200	165
584	III.1	Kastrat?	Bos taurus	Schädel mit Hornzapfen	50.1	40	145		
602	III.1	weiblich?	Bos taurus	Schädel mit Hornzapfen	46.2	38.1	145	162	125
602	III.1	Kastrat?	Bos taurus	Schädel mit Hornzapfen	50.3	45	162		
1810	III.1	weiblich?	Bos taurus	Schädel mit Hornzapfen	44.2	37.7	130		
1855	III.1	männlich	Bos taurus	Schädel mit Hornzapfen	49.33	36.6	140	140	90
1857	III.1	männlich	Bos taurus	Schädel mit Hornzapfen	51.22	49.2	162	165	130
1979	III.1	Kastrat?	Bos taurus	Schädel mit Hornzapfen	60	47.2	165		
2150	III.1	männlich	Bos taurus	Schädel mit Hornzapfen	57.1	42.4	160	185	145
162	III.2	männlich	Bos taurus	Schädel mit Hornzapfen	63.1	50.9	180		
162	III.2	weiblich?	Bos taurus	Schädel mit Hornzapfen	42.5	32.7	123		
468	III.2	?	Bos taurus	Schädel mit Hornzapfen	49.6	41.5	145		
783	III.2	männlich?	Bos taurus	Schädel mit Hornzapfen	50.2	36.5	140		
1634	III.2	männlich	Bos taurus	Schädel mit Hornzapfen		48.6			
1780	III.2	männlich	Bos taurus	Schädel mit Hornzapfen		40.8			
1907	III.2	?	Bos taurus	Schädel mit Hornzapfen	43.9			170	
1909	III.2	männlich?	Bos taurus	Schädel mit Hornzapfen	68.2	53.1	200		
1961	III.2	männlich	Bos taurus	Schädel mit Hornzapfen	72.2	55.4	200		
1961	III.2	männlich	Bos taurus	Schädel mit Hornzapfen	59.6	46.5	172		
1961	III.2	?	Bos taurus	Schädel mit Hornzapfen	57.4	47.4	165		
1961	III.2	?	Bos taurus	Schädel mit Hornzapfen	51.6	42.2	145		
1961	III.2	männlich	Bos taurus	Schädel mit Hornzapfen	59.2	51.6	178		
1961	III.2	?	Bos taurus	Schädel mit Hornzapfen	48.6	38.7	140	85	60
1961	III.2	männlich	Bos taurus	Schädel mit Hornzapfen	68.4	7.9	200		
1961	III.2	Kastrat?	Bos taurus	Schädel mit Hornzapfen	48.9	46.8	153	200	170
1961	III.2	Kastrat?	Bos taurus	Schädel mit Hornzapfen	57.4	45.3	163		
1961	III.2	Kastrat?	Bos taurus	Schädel mit Hornzapfen	46.1	40.6	137		
2220	III.2	männlich	Bos taurus	Schädel mit Hornzapfen	74.9	55.7	20		
2285	III.2	männlich?	Bos taurus	Schädel mit Hornzapfen	49	38.9	145		
2304	III.2	weiblich?	Bos taurus	Schädel mit Hornzapfen					110
2304	III.2	männlich	Bos taurus	Schädel mit Hornzapfen	69.9	51.8	185		
2304	III.2	Kastrat?	Bos taurus	Schädel mit Hornzapfen	55.6	47.6	163		
2304	III.2	Kastrat?	Bos taurus	Schädel mit Hornzapfen	51.8	43	150	190	155
2304	III.2	männlich	Bos taurus	Schädel mit Hornzapfen	64.3	45.9	180		
2304	III.2	männlich	Bos taurus	Schädel mit Hornzapfen	56.5	35.1	155		
2304	III.2	weiblich	Bos taurus	Schädel mit Hornzapfen	46.5	38.5	135	140	110
2351	III.2	männlich	Bos taurus	Schädel mit Hornzapfen	68.04	55.11	200		
2351	III.2	Kastrat?	Bos taurus	Schädel mit Hornzapfen	54.45	45.41	160		
2351	III.2	Kastrat?	Bos taurus	Schädel mit Hornzapfen	59.88	45.89	165		
1962	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	60.9	43.9	165		
1963	III.3	weiblich	Bos taurus	Schädel mit Hornzapfen	32.7		93		
2040	III.3	?	Bos taurus	Schädel mit Hornzapfen	44.7	38.2	132		
2093	III.3	weiblich?	Bos taurus	Schädel mit Hornzapfen	51.33	41.34	150	150	120
2093	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	69.88	50.96	193		
2093	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	75.46	53.07	220		
2093	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	76.91	58.52	220		
2093	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	68.51	55.95	195		
2093	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	69.39	50.52	195		
2093	III.3	weiblich	Bos taurus	Schädel mit Hornzapfen	43.68	33.35	125	130	110
2093	III.3	weiblich	Bos taurus	Schädel mit Hornzapfen	45.54	38.64	135		
2093	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	66.06				
2093	III.3	Kastrat?	Bos taurus	Schädel mit Hornzapfen	51.48	36.26	40		
2093	III.3	Kastrat?	Bos taurus	Schädel mit Hornzapfen	49.24	41.21	145		
2093	III.3	?	Bos taurus	Schädel mit Hornzapfen	57.02	43.42	157		
2093	III.3	weiblich?	Bos taurus	Schädel mit Hornzapfen	42.02	33.35	122	90	80
2093	III.3	Kastrat?	Bos taurus	Schädel mit Hornzapfen	52.99	43.54	155		
2093	III.3	weiblich?	Bos taurus	Schädel mit Hornzapfen	50.66	39.84	140		
2093	III.3	weiblich?	Bos taurus	Schädel mit Hornzapfen	47.09		133		
2101	III.3	männlich?	Bos taurus	Schädel mit Hornzapfen	64.63	47.47	180		
2101	III.3	?	Bos taurus	Schädel mit Hornzapfen	55.47	43.33	153		
2101	III.3	weiblich?	Bos taurus	Schädel mit Hornzapfen	47.73	43.41	143		
2101	III.3	weiblich?	Bos taurus	Schädel mit Hornzapfen	46.08	35.83	130		
2101	III.3	?	Bos taurus	Schädel mit Hornzapfen	50.52	40.56	145		
2101	III.3	weiblich	Bos taurus	Schädel mit Hornzapfen	48.59	38.42	140	160	105
2101	III.3	weiblich?	Bos taurus	Schädel mit Hornzapfen	45.67				
2101	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	68.96	50.93	190		
2101	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	78.93	57.35	225		
2101	III.3	männlich?	Bos taurus	Schädel mit Hornzapfen	77.96	51.17	215		
2101	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	77.32	57.18	215		
2101	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	63.04	44.22	170	185	140
2101	III.3	Kastrat?	Bos taurus	Schädel mit Hornzapfen	54.54	45.56	160		
2101	III.3	?	Bos taurus	Schädel mit Hornzapfen	69.11	57.5	203		
2101	III.3	weiblich	Bos taurus	Schädel mit Hornzapfen	54.12	43.16	152	155	110
2101	III.3	?	Bos taurus	Schädel mit Hornzapfen	53.3	41.87	152		
2101	III.3	Kastrat?	Bos taurus	Schädel mit Hornzapfen	53.19	38.83	148		
2101	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	71.16	55.45	193		
2101	III.3	?	Bos taurus	Schädel mit Hornzapfen	66.65	51.98	182		
2101	III.3	Kastrat?	Bos taurus	Schädel mit Hornzapfen	63.59	51.87	180		
2101	III.3	?	Bos taurus	Schädel mit Hornzapfen	48.21	35.71	130		
2101	III.3	weiblich?	Bos taurus	Schädel mit Hornzapfen	57.46				
2101	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	56.96	43.93	149.71		
2101	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	56.45	43.47	146.86		
2101	III.3	männlich?	Bos taurus	Schädel mit Hornzapfen	55.95	43.01	144.01		
2101	III.3	?	Bos taurus	Schädel mit Hornzapfen	54.53	40.26	150	140	100
2101	III.3	weiblich?	Bos taurus	Schädel mit Hornzapfen	46.82	42.68	145		
2101	III.3	weiblich?	Bos taurus	Schädel mit Hornzapfen	52.32	42.53	148		
2101	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	56.85	41.79	152		
2102	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	80.53	68.55	225		

2138	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	74.79	59.33	210		
2264	III.3	Kastrat	Bos taurus	Schädel mit Hornzapfen	52.32	46.2	160		
2490	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	60.2	45.6	173		
2490	III.3	?	Bos taurus	Schädel mit Hornzapfen	57.5	44.2	160		
2504	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	57.1	42.3	155		
2504	III.3	männlich	Bos taurus	Schädel mit Hornzapfen	54.4	44.4	155		
188	III.5	männlich	Bos taurus	Schädel mit Hornzapfen	56.63	45.24	162		
188	III.5	?	Bos taurus	Schädel mit Hornzapfen	49	40.7	145		
188	III.5	weiblich?	Bos taurus	Schädel mit Hornzapfen	42.51				
244	III.4	männlich	Bos taurus	Schädel mit Hornzapfen	49.2	40.8	145		
287	III.4	Kastrat?	Bos taurus	Schädel mit Hornzapfen	54.67	46.91	162		
560	III.4	männlich?	Bos taurus	Schädel mit Hornzapfen	51.8	44.3	155		
581	III.4	männlich?	Bos taurus	Schädel mit Hornzapfen	53.94	41.57	150		
581	III.4	Kastrat?	Bos taurus	Schädel mit Hornzapfen	48.2	41.86	143	160	140
581	III.4	Kastrat?	Bos taurus	Schädel mit Hornzapfen	49.79	41.66	145		
581	III.4	Kastrat?	Bos taurus	Schädel mit Hornzapfen	47.59	40.33	142		
599	III.4	Kastrat?	Bos taurus	Schädel mit Hornzapfen	50.5	39.7	140	143	125
599	III.4	Kastrat?	Bos taurus	Schädel mit Hornzapfen	54.4	42.1	152	65	125
599	III.4	männlich?	Bos taurus	Schädel mit Hornzapfen	49.1	40.7	145		
599	III.4	männlich?	Bos taurus	Schädel mit Hornzapfen	57.3	46.2	170		
599	III.4	männlich	Bos taurus	Schädel mit Hornzapfen	70.3	51.6	190		
604	III.4	männlich	Bos taurus	Schädel mit Hornzapfen	57.5	44.9	162		
621	III.4	männlich	Bos taurus	Schädel mit Hornzapfen	47.5	38.3	140		
621	III.4	männlich?	Bos taurus	Schädel mit Hornzapfen	41.3	35	120		
634	III.4	männlich?	Bos taurus	Schädel mit Hornzapfen	49.3	43.1	147		
634	III.4	männlich?	Bos taurus	Schädel mit Hornzapfen	59.6	46.5	165		
1105	III.4	weiblich?	Bos taurus	Schädel mit Hornzapfen	46.24	36.86	135		
1105	III.4	männlich?	Bos taurus	Schädel mit Hornzapfen	56.57	39.82	160		
1516	III.4	weiblich?	Bos taurus	Schädel mit Hornzapfen	49.57	35.51	135		
1593	III.4	weiblich?	Bos taurus	Schädel mit Hornzapfen	50.17	40.71	140		
1960	III.4	Kastrat?	Bos taurus	Schädel mit Hornzapfen	53.99	46.79	155		
1960	III.4	männlich	Bos taurus	Schädel mit Hornzapfen	74.53	45.1	190		
1960	III.4	männlich	Bos taurus	Schädel mit Hornzapfen	64.84	48.26	180		
1960	III.4	männlich	Bos taurus	Schädel mit Hornzapfen	58.66	40.38	160		
1960	III.4	Kastrat?	Bos taurus	Schädel mit Hornzapfen	58.54	46.81	165		
1960	III.4	weiblich	Bos taurus	Schädel mit Hornzapfen	39.26	35.97	118		
1960	III.4	weiblich?	Bos taurus	Schädel mit Hornzapfen		31.82		160	125
1960	III.4	weiblich?	Bos taurus	Schädel mit Hornzapfen		34.96			125
1960	III.4	weiblich?	Bos taurus	Schädel mit Hornzapfen	41.28	34.96	125		
1960	III.4	weiblich?	Bos taurus	Schädel mit Hornzapfen	36.36	30.12	108		
2494	III.4	männlich	Bos taurus	Schädel mit Hornzapfen	59.1	43.6	165		
189	III.5	weiblich	Bos taurus	Schädel mit Hornzapfen	43.49	37.38	125		
2182	III.5	weiblich?	Bos taurus	Schädel mit Hornzapfen	44.76	39.97	134		
2215	III.5	weiblich?	Bos taurus	Schädel mit Hornzapfen	42.24	34.38	125		
					L	B			
174	III.1		Bos taurus	Dens inferior	38.8	16.9			
					LMR(Alv)				
848	III.1		Bos taurus	Maxilla	82.3				
					H mandib. in front of M1	LMR(Alv)			
634	III.2		Bos taurus	Mandibula	58.9	95.2			
1793	III.5		Bos taurus	Mandibula		92.83			
					SLC	BG			
845	III.1		Bos taurus	Scapula	43.3				
840	III.3-4		Bos taurus	Scapula		46.8			
172	III.4		Bos taurus	Scapula	48.1				
287	III.4		Bos taurus	Scapula	66.98				
527	III.5		Bos taurus	Scapula		62.66			
					HT				
2093	III.3		Bos taurus	Humerus	49.32				
					SD				
363	III.1		Bos taurus	Femur	31.3				
					Bp	Bfp	Dp		
61	III.4		Bos taurus	Radius	83.63	76.13			
599	III.4		Bos taurus	Radius	88.1	79.6			
1565	III.4		Bos taurus	Radius			51.55		
1858	III.5		Bos taurus	Radius	37.2				
					GL	Bp	Dp	SD	Dd
130	III.1		Bos taurus	Metacarpus III+IV					29.84
174	III.1		Bos taurus	Metacarpus III+IV		75.3	44.5		
363	III.1		Bos taurus	Metacarpus III+IV		58.9	34.5	33.4	
363	III.1		Bos taurus	Metacarpus III+IV		59.2	33.4		
363	III.1		Bos taurus	Metacarpus III+IV					30.8
363	III.1		Bos taurus	Metacarpus III+IV					36.1
376	III.1		Bos taurus	Metacarpus III+IV	227	76.7	48.1	43	40.1
845	III.1		Bos taurus	Metacarpus III+IV					30.3
848	III.1		Bos taurus	Metacarpus III+IV		51	31.5		
848	III.1		Bos taurus	Metacarpus III+IV					33.8
1826	III.1		Bos taurus	Metacarpus III+IV		63.13	38.48		
1780	III.2		Bos taurus	Metacarpus III+IV					32.59
1780	III.2		Bos taurus	Metacarpus III+IV		57.4	35.25	33.51	
1780	III.2		Bos taurus	Metacarpus III+IV		64.68	39.43	36.56	
1982	III.2		Bos taurus	Metacarpus III+IV					37.01
1984	III.2		Bos taurus	Metacarpus III+IV		61.3	38.2		
1910	III.2		Bos taurus	Metacarpus III+IV	202.8	55.22	34.2	32.6	33.4
2172	III.2		Bos taurus	Metacarpus III+IV					31.2
2175	III.2		Bos taurus	Metacarpus III+IV		64.7	38.6		
2304	III.2		Bos taurus	Metacarpus III+IV		54.4	33.1		
2351	III.2		Bos taurus	Metacarpus III+IV					37.23
576	III.3		Bos taurus	Metacarpus III+IV					34.16
576	III.3		Bos taurus	Metacarpus III+IV					33.89
1274	III.3		Bos taurus	Metacarpus III+IV					33.66
2093	III.3		Bos taurus	Metacarpus III+IV					35.28
2093	III.3		Bos taurus	Metacarpus III+IV		58.41	36.83	33.55	
2101	III.3		Bos taurus	Metacarpus III+IV		63.85	37.69		
840	III.3-4		Bos taurus	Metacarpus III+IV		65.4	42.1	37.5	
1394	III.3-4		Bos taurus	Metacarpus III+IV		51.94	30.02	27.89	
122	III.4		Bos taurus	Metacarpus III+IV		53	33.7		
599	III.4		Bos taurus	Metacarpus III+IV		66.1	38.7		

599	III.4	Bos taurus	Metacarpus III+IV					34.8
599	III.4	Bos taurus	Metacarpus III+IV					36
621	III.4	Bos taurus	Metacarpus III+IV	59.3	36.3		32.9	
634	III.4	Bos taurus	Metacarpus III+IV				29.4	
1294	III.4	Bos taurus	Metacarpus III+IV					31.5
1294	III.4	Bos taurus	Metacarpus III+IV	57.3	35.6		30.3	
1593	III.4	Bos taurus	Metacarpus III+IV	59.87	39.04			
1622	III.4	Bos taurus	Metacarpus III+IV					34.03
1827	III.4	Bos taurus	Metacarpus III+IV	67.03	39.29		34.43	
1855	III.4	Bos taurus	Metacarpus III+IV	67.98	40.01		38.15	
2164	III.4	Bos taurus	Metacarpus III+IV					26.5
2500	III.4	Bos taurus	Metacarpus III+IV	53.8	34.27			
120	III.5	Bos taurus	Metacarpus III+IV					38.02
120	III.5	Bos taurus	Metacarpus III+IV	56.65	33.96		32.75	
120	III.5	Bos taurus	Metacarpus III+IV					35.45
188	III.5	Bos taurus	Metacarpus III+IV	59.47	35.57			
188	III.5	Bos taurus	Metacarpus III+IV	66.33	39.99			
				GL	Bp	Dp	SD	Dd
128	III.1	Bos taurus	Metatarsus III+IV		43	43.6	22.9	
128	III.1	Bos taurus	Metatarsus III+IV		44.8	44	22	
128	III.1	Bos taurus	Metatarsus III+IV		41.7	40.3	22.8	
363	III.1	Bos taurus	Metatarsus III+IV		44.8	46.2		
177	III.1	Bos taurus	Metatarsus III+IV		45.6	44.9	28.3	
844	III.1	Bos taurus	Metatarsus III+IV					28.1
844	III.1	Bos taurus	Metatarsus III+IV		44.2	41.1		
845	III.1	Bos taurus	Metatarsus III+IV		46.2	43		
845	III.1	Bos taurus	Metatarsus III+IV		43.7	43.6		
848	III.1	Bos taurus	Metatarsus III+IV					30.5
848	III.1	Bos taurus	Metatarsus III+IV		49.8	46.9	30	
1012	III.1	Bos taurus	Metatarsus III+IV		53.9	53	29.9	
1291	III.1	Bos taurus	Metatarsus III+IV		47.9	45.3	26.2	
1351	III.1	Bos taurus	Metatarsus III+IV		54.1	50	30.9	
1917	III.1	Bos taurus	Metatarsus III+IV					28.5
2155	III.1	Bos taurus	Metatarsus III+IV				29.3	32.9
359	III.2	Bos taurus	Metatarsus III+IV					35.7
468	III.2	Bos taurus	Metatarsus III+IV		42.9	41.8	24.5	
1780	III.2	Bos taurus	Metatarsus III+IV					35.92
1951	III.2	Bos taurus	Metatarsus III+IV		45.5	43.3	25.1	
1951	III.2	Bos taurus	Metatarsus III+IV		43	40.2		
1981	III.2	Bos taurus	Metatarsus III+IV	228	49.3	50.2	27.7	32.9
2351	III.2	Bos taurus	Metatarsus III+IV		44.71	43.38	25.95	
2351	III.2	Bos taurus	Metatarsus III+IV		50.57	51.38		
2351	III.2	Bos taurus	Metatarsus III+IV		47.24		29.25	
2351	III.2	Bos taurus	Metatarsus III+IV					36.83
576	III.3	Bos taurus	Metatarsus III+IV					34.49
1840	III.3	Bos taurus	Metatarsus III+IV					29.23
2093	III.3	Bos taurus	Metatarsus III+IV					31.97
2093	III.3	Bos taurus	Metatarsus III+IV					34.7
2101	III.3	Bos taurus	Metatarsus III+IV		44.89	43.6		
2101	III.3	Bos taurus	Metatarsus III+IV		52.64	53.54	32.3	
2101	III.3	Bos taurus	Metatarsus III+IV				24.15	33
2101	III.3	Bos taurus	Metatarsus III+IV					29.66
2101	III.3	Bos taurus	Metatarsus III+IV					37.18
2208	III.3	Bos taurus	Metatarsus III+IV		47.51	44.53		
2271	III.3	Bos taurus	Metatarsus III+IV		49.72	45.19	26.97	
2302	III.3	Bos taurus	Metatarsus III+IV					31.09
840	III.3-4	Bos taurus	Metatarsus III+IV				35.1	
1394	III.3-4	Bos taurus	Metatarsus III+IV		45.97	43.8	25.45	
71	III.4	Bos taurus	Metatarsus III+IV		46.1	40.9	22.9	
122	III.4	Bos taurus	Metatarsus III+IV				27.5	
122	III.4	Bos taurus	Metatarsus III+IV		49.7		27.9	
172	III.4	Bos taurus	Metatarsus III+IV		50	46.4	28.4	
240	III.4	Bos taurus	Metatarsus III+IV					31.92
240	III.4	Bos taurus	Metatarsus III+IV		58.1	54.8		
342	III.4	Bos taurus	Metatarsus III+IV		47.34	45.4		
422	III.4	Bos taurus	Metatarsus III+IV					34.16
599	III.4	Bos taurus	Metatarsus III+IV					34.1
621	III.4	Bos taurus	Metatarsus III+IV					
621	III.4	Bos taurus	Metatarsus III+IV					31.6
621	III.4	Bos taurus	Metatarsus III+IV		53.5	49.9	29.6	
621	III.4	Bos taurus	Metatarsus III+IV		52.1	48.7		
1112	III.4	Bos taurus	Metatarsus III+IV		42.54	42.93	23.08	
1289	III.4	Bos taurus	Metatarsus III+IV		49.93	46.39	28.69	
1516	III.4	Bos taurus	Metatarsus III+IV		45.95	43.4		
1527	III.4	Bos taurus	Metatarsus III+IV		52.7	52.9		
1960	III.4	Bos taurus	Metatarsus III+IV		50.42	47.55	27.25	
1960	III.4	Bos taurus	Metatarsus III+IV		50.62	46.7	30.39	
2225	III.4	Bos taurus	Metatarsus III+IV		50.46	46.36	27.59	
2494	III.4	Bos taurus	Metatarsus III+IV					33.1
2494	III.4	Bos taurus	Metatarsus III+IV		51.3			
188	III.5	Bos taurus	Metatarsus III+IV		50.84	49.16	27.03	
589	III.5	Bos taurus	Metatarsus III+IV					33.21
1793	III.5	Bos taurus	Metatarsus III+IV					32.65
1858	III.5	Bos taurus	Metatarsus III+IV				28.11	
				GLpe	Bp	SD	Bd	
128	III.1	Bos taurus	Phalanx 1 ant.	60.9	31.2	26.7	29.8	
128	III.1	Bos taurus	Phalanx 1 ant.	63.1	31.5	30.4		
204	III.1	Bos taurus	Phalanx 1 ant.	63.4	37.5		35.8	
376	III.1	Bos taurus	Phalanx 1 ant.	68.4	39.7	35.3	38.3	
376	III.1	Bos taurus	Phalanx 1 ant.		69	39.5	33.2	35.9
378	III.1	Bos taurus	Phalanx 1 ant.	57.44	27.4	22	25.1	
844	III.1	Bos taurus	Phalanx 1 ant.	58.4	34.8	29.6	32	
844	III.1	Bos taurus	Phalanx 1 ant.	63.3	31.2	27.4	29.8	
1634	III.2	Bos taurus	Phalanx 1 ant.	64.6	35.1	30.4	33.3	
1634	III.2	Bos taurus	Phalanx 1 ant.	60.3	30.6	27.2	29.8	
1634	III.2	Bos taurus	Phalanx 1 ant.	64.5	34.4	29	30.1	
1736	III.1	Bos taurus	Phalanx 1 ant.	53.61	32.34	27.68	29.41	
1780	III.2	Bos taurus	Phalanx 1 ant.	65.96	35.77	30.83	31.19	
1780	III.2	Bos taurus	Phalanx 1 ant.	59.15	28.58	25.93	27.4	
1780	III.2	Bos taurus	Phalanx 1 ant.	65.38	31.9	27.8	32.08	
1855	III.1	Bos taurus	Phalanx 1 ant.			28.95	35.12	
1857	III.1	Bos taurus	Phalanx 1 ant.				33.86	
1909	III.2	Bos taurus	Phalanx 1 ant.	65.6	33.2	27.4	28.8	
1951	III.2	Bos taurus	Phalanx 1 ant.	60.6	30.7	24.1	27.2	

1951	III.2	Bos taurus	Phalanx 1 ant.	61.4	31.8	25.6	28.6
1951	III.2	Bos taurus	Phalanx 1 ant.	61	31.9	26.9	29.1
1951	III.2	Bos taurus	Phalanx 1 ant.	61	31.5	27	29.6
1979	III.1	Bos taurus	Phalanx 1 ant.	59.6	32.6	27.3	32.4
1979	III.1	Bos taurus	Phalanx 1 ant.	53.3	28.1	25.1	25.7
1979	III.1	Bos taurus	Phalanx 1 ant.	57.1	30.6	26.5	28
1979	III.1	Bos taurus	Phalanx 1 ant.	60.3	34.9	27	33.5
1980	III.2	Bos taurus	Phalanx 1 ant.	65.4	30.9	27	29.7
1982	III.2	Bos taurus	Phalanx 1 ant.	62.92	34.04	28.73	33.12
1982	III.2	Bos taurus	Phalanx 1 ant.	61.65	31.87	27.07	29.4
1984	III.2	Bos taurus	Phalanx 1 ant.	68.3	36.5	32.5	35.3
1984	III.2	Bos taurus	Phalanx 1 ant.	63.5	30.9	28.5	30.6
1984	III.2	Bos taurus	Phalanx 1 ant.	64.5	32.8	30	34.6
2024	III.2	Bos taurus	Phalanx 1 ant.	61.8	33.9	30.6	36.1
2154	III.2	Bos taurus	Phalanx 1 ant.	61.4	28.5	23.8	27
2158	III.2	Bos taurus	Phalanx 1 ant.	54.5	31.8	26.4	29.3
2172	III.2	Bos taurus	Phalanx 1 ant.	56.3	29.1	24.11	25.2
2175	III.2	Bos taurus	Phalanx 1 ant.	56.5	29.1	24.2	26.3
2192	III.2	Bos taurus	Phalanx 1 ant.	59.3	30.1	25.9	27.1
2304	III.2	Bos taurus	Phalanx 1 ant.	59.5	29.6	24.1	27.9
2328	III.2	Bos taurus	Phalanx 1 ant.	56.7	26.7	22.8	24.4
2351	III.2	Bos taurus	Phalanx 1 ant.	59.02	28.53	27.48	28.27
2351	III.2	Bos taurus	Phalanx 1 ant.	67.68	34.7	29.72	32.21
2351	III.2	Bos taurus	Phalanx 1 ant.	65.4	29.28	27.8	29.29
2351	III.2	Bos taurus	Phalanx 1 ant.	63.64	35.79	29.93	31.75
576	III.3	Bos taurus	Phalanx 1 ant.	60.77	30.02	25.38	27.31
576	III.3	Bos taurus	Phalanx 1 ant.	59.27	30.12	26.72	27.86
2093	III.3	Bos taurus	Phalanx 1 ant.	66.77	33.29	29.88	32.23
2093	III.3	Bos taurus	Phalanx 1 ant.	57.24	30.84	26.92	28.15
2101	III.3	Bos taurus	Phalanx 1 ant.			27.36	29.45
2101	III.3	Bos taurus	Phalanx 1 ant.			27.25	28.65
2101	III.3	Bos taurus	Phalanx 1 ant.	62.57	30.41	27.44	29.49
2208	III.3	Bos taurus	Phalanx 1 ant.	61.7	33.41	28.28	30.57
2230	III.3	Bos taurus	Phalanx 1 ant.	66.4	31.71	29.05	29.64
2264	III.3	Bos taurus	Phalanx 1 ant.	67.81	39.89	34.91	37.94
2264	III.3	Bos taurus	Phalanx 1 ant.	63.22	35.91	29.78	35.44
2264	III.3	Bos taurus	Phalanx 1 ant.	61.97	33.26	27.21	31.72
2271	III.3	Bos taurus	Phalanx 1 ant.	63.96	31.24	27.97	30.69
71	III.4	Bos taurus	Phalanx 1 ant.	60.5	31.8	27.2	29.3
172	III.4	Bos taurus	Phalanx 1 ant.	70.5	35.7	31.5	34.7
422	III.4	Bos taurus	Phalanx 1 ant.	59.2	30.76	23.77	27.56
560	III.4	Bos taurus	Phalanx 1 ant.	61.9	37.7	33.8	34.6
599	III.4	Bos taurus	Phalanx 1 ant.	60.2	33.5	28.6	32.7
599	III.4	Bos taurus	Phalanx 1 ant.	61.2	32.7	28.3	28.9
599	III.4	Bos taurus	Phalanx 1 ant.	57.6	32.5	27.7	30.6
599	III.4	Bos taurus	Phalanx 1 ant.			32.6	
621	III.4	Bos taurus	Phalanx 1 ant.	60.3	28.7	26.5	26.9
621	III.4	Bos taurus	Phalanx 1 ant.	62.9	29.6	25.5	26.5
621	III.4	Bos taurus	Phalanx 1 ant.	63.4	28.8	24.8	25.4
634	III.4	Bos taurus	Phalanx 1 ant.	60	32.2	24.1	29.1
634	III.4	Bos taurus	Phalanx 1 ant.			29.1	35.4
1253	III.4	Bos taurus	Phalanx 1 ant.	67.54	36.35	30.86	35.52
1294	III.4	Bos taurus	Phalanx 1 ant.	55.2	28.6	25.6	25.8
1393	III.4	Bos taurus	Phalanx 1 ant.	61.6	32.04	26.64	29.62
1394	III.4	Bos taurus	Phalanx 1 ant.	58.28	28.7	23.55	26.53
1516	III.4	Bos taurus	Phalanx 1 ant.			26.57	32
1565	III.4	Bos taurus	Phalanx 1 ant.	57.41	32.33	27.45	29.72
1565	III.4	Bos taurus	Phalanx 1 ant.	59.81	33.9	29.53	30.18
1593	III.4	Bos taurus	Phalanx 1 ant.	62.29	33.74	29.84	30.79
1593	III.4	Bos taurus	Phalanx 1 ant.	60.54	33.14	28.52	30.83
1593	III.4	Bos taurus	Phalanx 1 ant.	62.56	33.36	27.09	29.5
1960	III.4	Bos taurus	Phalanx 1 ant.	56.56	28.55	24.71	27.03
1960	III.4	Bos taurus	Phalanx 1 ant.	56.65	29.41	24.56	27.4
1964	III.4	Bos taurus	Phalanx 1 ant.	63.15	30.39	26.85	28.89
120	III.5	Bos taurus	Phalanx 1 ant.	58.05	30.16	25.42	27.55
188	III.5	Bos taurus	Phalanx 1 ant.	57.43	30.31	25.39	27.11
527	III.5	Bos taurus	Phalanx 1 ant.	59.79	32.98	28.88	30.06

				GLpe	Bp	SD	Bd
174	III.1	Bos taurus	Phalanx 1 post.	59.9	27.3	23.8	27.9
844	III.1	Bos taurus	Phalanx 1 post.	58.2	27.1	22.1	24.7
844	III.1	Bos taurus	Phalanx 1 post.	60.3	31.4	27.1	28.3
847	III.1	Bos taurus	Phalanx 1 post.	63.8	26.6	23.8	27.6
848	III.1	Bos taurus	Phalanx 1 post.	57	28.6	23	26.2
1979	III.1	Bos taurus	Phalanx 1 post.	58.7	25.9	22.7	24.9
1979	III.1	Bos taurus	Phalanx 1 post.	55	26.4	23	23.6
1979	III.1	Bos taurus	Phalanx 1 post.	54.5	23.3	20.2	22.7
2148	III.1	Bos taurus	Phalanx 1 post.	64.7	29.6	24.8	27.6
1534	III.2	Bos taurus	Phalanx 1 post.	59	30.1	24.9	27.1
162	III.2	Bos taurus	Phalanx 1 post.	62.2	27.5	24.3	27.2
1780	III.2	Bos taurus	Phalanx 1 post.	57.54	25.77	21.58	23.57
1910	III.2	Bos taurus	Phalanx 1 post.	61.2	27.5	23.4	26.4
1951	III.2	Bos taurus	Phalanx 1 post.	62.7	27.4	24.4	25.9
2175	III.2	Bos taurus	Phalanx 1 post.	61.8	29.2	24.3	26.4
2351	III.2	Bos taurus	Phalanx 1 post.	64.71	29.7	25.43	28.46
2351	III.2	Bos taurus	Phalanx 1 post.	54.42	26.3	23.82	23.76
2351	III.2	Bos taurus	Phalanx 1 post.	53.68	25.14	22.27	23.78
2351	III.2	Bos taurus	Phalanx 1 post.	58.38	25.86	22.08	22.65
1433	III.3	Bos taurus	Phalanx 1 post.	56.63	26.03	21.33	23.77
2093	III.3	Bos taurus	Phalanx 1 post.	60.21	30.8	24.96	27.97
2093	III.3	Bos taurus	Phalanx 1 post.	55.02	28.82	24.93	25.84
2101	III.3	Bos taurus	Phalanx 1 post.	61.74	28.4	25.38	27.16
2264	III.3	Bos taurus	Phalanx 1 post.				28.87
2264	III.3	Bos taurus	Phalanx 1 post.		24.75	22.17	23.39
71	III.4	Bos taurus	Phalanx 1 post.	55.3	27	22.8	
72	III.4	Bos taurus	Phalanx 1 post.	60.24	27.94	23.63	24.3
122	III.4	Bos taurus	Phalanx 1 post.	54.8	26.8	21.1	23.7
172	III.4	Bos taurus	Phalanx 1 post.				25.3
581	III.4	Bos taurus	Phalanx 1 post.	65.59	30.6	23.41	28.53
599	III.4	Bos taurus	Phalanx 1 post.	57.3	29.4	24.9	28.2
634	III.4	Bos taurus	Phalanx 1 post.	58.7	30.2	26.1	28.1
634	III.4	Bos taurus	Phalanx 1 post.	59.7	25.7	21.8	25.4
1105	III.4	Bos taurus	Phalanx 1 post.	60.59	28.92	26.43	27.93
1288	III.4	Bos taurus	Phalanx 1 post.	53.19	23.71	21.64	23.33
1516	III.4	Bos taurus	Phalanx 1 post.	57.05	26.72	24.16	24.63
1565	III.4	Bos taurus	Phalanx 1 post.	63.25	30.65	26	



1622	III.4	Bos taurus	Phalanx 1 post.	54.66	23.98	21	23.5
2228	III.4	Bos taurus	Phalanx 1 post.	54.51	23.96	21	23.66
840	III.3-4	Bos taurus	Phalanx 1 post.	55.2	29.9	22.1	23.9
1394	III.3-4	Bos taurus	Phalanx 1 post.	52.54	26.14	22.31	23.99
106	III.5	Bos taurus	Phalanx 1 post.	56.39	25.32	20.67	22.2
188	III.5	Bos taurus	Phalanx 1 post.	57.73	27.92	24.44	26.24
188	III.5	Bos taurus	Phalanx 1 post.	64.37	29.03	26.4	27.61
				GLpe	Bp	SD	Bd
1857	III.1	Bos taurus	Phalanx 1 ant./post.		34.48		
365	III.1	Bos taurus	Phalanx 1 ant./post.	60.6	31.6	27.9	30
2211	III.2	Bos taurus	Phalanx 1 ant./post.				31.5
240	III.4	Bos taurus	Phalanx 1 ant./post.			25.2	26.3
621	III.4	Bos taurus	Phalanx 1 ant./post.			26.2	27.4
1633	III.4	Bos taurus	Phalanx 1 ant./post.		29.4		
2225	III.4	Bos taurus	Phalanx 1 ant./post.				25.62
				GL	Bp	SD	Bd
174	III.1	Bos taurus	Phalanx 2 ant./post.	42.5	31.5	26.7	27.7
174	III.1	Bos taurus	Phalanx 2 ant./post.	43.6	31.1	23.7	26
363	III.1	Bos taurus	Phalanx 2 ant./post.	38.7	26.2	21.9	22.8
365	III.1	Bos taurus	Phalanx 2 ant./post.	38.2	26.2	20.5	22.6
367	III.1	Bos taurus	Phalanx 2 ant./post.	36.7	26.5	20.5	21.9
602	III.1	Bos taurus	Phalanx 2 ant./post.	37.7	26	21.2	20.4
738	III.1	Bos taurus	Phalanx 2 ant./post.	38.5	26.9	21.1	22.43
846	III.1	Bos taurus	Phalanx 2 ant./post.	39.3	28.3	21.4	23.2
848	III.1	Bos taurus	Phalanx 2 ant./post.	39.4	28.2	23.1	24.7
848	III.1	Bos taurus	Phalanx 2 ant./post.	43.2	31	24.9	25.9
848	III.1	Bos taurus	Phalanx 2 ant./post.	39.3	29.3	23.9	25.7
1347	III.1	Bos taurus	Phalanx 2 ant./post.	35.7	33	26.7	30.1
1979	III.1	Bos taurus	Phalanx 2 ant./post.	39.4	27.6	21.6	23.8
1979	III.1	Bos taurus	Phalanx 2 ant./post.	35.2	24.3	19.3	21.2
1979	III.1	Bos taurus	Phalanx 2 ant./post.	40.7	33.3	25.4	30.1
1979	III.1	Bos taurus	Phalanx 2 ant./post.	37.7	27.6	21.4	22.1
1979	III.1	Bos taurus	Phalanx 2 ant./post.	43	29.5	24.3	24.6
1979	III.1	Bos taurus	Phalanx 2 ant./post.	39.8	29.7	23.7	25.5
1736	III.1	Bos taurus	Phalanx 2 ant./post.	35.9	29.95	25.02	26.78
1986	III.1	Bos taurus	Phalanx 2 ant./post.	40.05	33.67	26.84	29.46
1986	III.1	Bos taurus	Phalanx 2 ant./post.		32.41	25.88	28.22
2273	III.1	Bos taurus	Phalanx 2 ant./post.	43.4	31.5	25.5	27.9
162	III.2	Bos taurus	Phalanx 2 ant./post.	35.1	27	21.6	22.3
162	III.2	Bos taurus	Phalanx 2 ant./post.	38.6	30.3	24.5	27.2
355	III.2	Bos taurus	Phalanx 2 ant./post.	39.1	28.3	2.3	23.4
359	III.2	Bos taurus	Phalanx 2 ant./post.	40.2	28.6	23	22.6
359	III.2	Bos taurus	Phalanx 2 ant./post.	40.3	30.2	23.4	22.9
200	III.2	Bos taurus	Phalanx 2 ant./post.	37.21	25.64	21.16	22.92
730	III.2	Bos taurus	Phalanx 2 ant./post.	45.2	33.2	25.8	26.9
1634	III.2	Bos taurus	Phalanx 2 ant./post.	39.3	29.2	23.7	25.3
1780	III.2	Bos taurus	Phalanx 2 ant./post.	35.14	26.77	21.76	23.74
1780	III.2	Bos taurus	Phalanx 2 ant./post.	36.29	27.54	20.58	22.92
1780	III.2	Bos taurus	Phalanx 2 ant./post.	42.48	30.7	25.64	27.61
1909	III.2	Bos taurus	Phalanx 2 ant./post.	38.8	32	25.7	30.7
1951	III.2	Bos taurus	Phalanx 2 ant./post.	41.3	31.3	24.1	27.6
1951	III.2	Bos taurus	Phalanx 2 ant./post.	38.5	26.9	21.7	22.2
1951	III.2	Bos taurus	Phalanx 2 ant./post.	39.7	31	24.1	25.4
1951	III.2	Bos taurus	Phalanx 2 ant./post.	37.7	29.3	24	25.7
1980	III.2	Bos taurus	Phalanx 2 ant./post.	43.1	29.5	24.1	25.4
1982	III.2	Bos taurus	Phalanx 2 ant./post.	40.89	34.14	27.75	32.46
1984	III.2	Bos taurus	Phalanx 2 ant./post.	40	30.2	23.4	25.9
2153	III.2	Bos taurus	Phalanx 2 ant./post.	37.1	29	23	24.7
2158	III.2	Bos taurus	Phalanx 2 ant./post.	40.6	35.4	30	33.6
2175	III.2	Bos taurus	Phalanx 2 ant./post.	35.9	28	22.3	24.2
2175	III.2	Bos taurus	Phalanx 2 ant./post.	39.1	30	24.3	26
2285	III.2	Bos taurus	Phalanx 2 ant./post.	38	27.5	21.6	23.4
2287	III.2	Bos taurus	Phalanx 2 ant./post.	41.59	31.41	25.21	28.14
2351	III.2	Bos taurus	Phalanx 2 ant./post.	40.24	34.44	26.59	30.47
2351	III.2	Bos taurus	Phalanx 2 ant./post.	35.14	26.39	20.57	23.91
2351	III.2	Bos taurus	Phalanx 2 ant./post.	35.83	28.27	21.68	24.31
576	III.3	Bos taurus	Phalanx 2 ant./post.		33.26	26.6	28.81
726	III.3	Bos taurus	Phalanx 2 ant./post.	39.6	33	26.4	28.8
1640	III.3	Bos taurus	Phalanx 2 ant./post.	37.61	28.34	23.28	24.04
2093	III.3	Bos taurus	Phalanx 2 ant./post.	39.05	31.71	22.01	23.36
2093	III.3	Bos taurus	Phalanx 2 ant./post.	39.46	27.44	22.29	21.86
2093	III.3	Bos taurus	Phalanx 2 ant./post.	40.28	31.21	24.36	27.02
2093	III.3	Bos taurus	Phalanx 2 ant./post.	38.67	27.2	21.97	22.35
2208	III.3	Bos taurus	Phalanx 2 ant./post.	40.49	28.93	22.95	23.88
2264	III.3	Bos taurus	Phalanx 2 ant./post.	41.09	30.49	22.95	23.68
71	III.4	Bos taurus	Phalanx 2 ant./post.	37.8	28	22.2	24.3
71	III.4	Bos taurus	Phalanx 2 ant./post.	42.3	32.4	26.6	28.2
72	III.4	Bos taurus	Phalanx 2 ant./post.	42.31	30.63	25.54	27.1
160	III.4	Bos taurus	Phalanx 2 ant./post.	40.3	30.2	24.4	25.9
160	III.4	Bos taurus	Phalanx 2 ant./post.	39	33.4	25.5	27
189	III.4	Bos taurus	Phalanx 2 ant./post.	39.82	30.24	23.26	24.79
240	III.4	Bos taurus	Phalanx 2 ant./post.	40.9	30.2	25.1	25.7
240	III.4	Bos taurus	Phalanx 2 ant./post.	40.6	32.2	26.9	29
240	III.4	Bos taurus	Phalanx 2 ant./post.	38.08	26.17	21.2	22.44
560	III.4	Bos taurus	Phalanx 2 ant./post.	40.3	33.1	25.9	29.6
599	III.4	Bos taurus	Phalanx 2 ant./post.	41.3		30.9	30.6
621	III.4	Bos taurus	Phalanx 2 ant./post.	40.6	31.6	24.8	27.8
621	III.4	Bos taurus	Phalanx 2 ant./post.	38.8	29.3	23.2	26.5
621	III.4	Bos taurus	Phalanx 2 ant./post.	39.7	29.8	23.5	25.7
621	III.4	Bos taurus	Phalanx 2 ant./post.	45.4	32.3	26.8	26.6
634	III.4	Bos taurus	Phalanx 2 ant./post.	38.8	30	24.2	25.1
634	III.4	Bos taurus	Phalanx 2 ant./post.	40.2	28.7	21.1	23.5
634	III.4	Bos taurus	Phalanx 2 ant./post.	40.8	32.4	26.6	26.1
1105	III.4	Bos taurus	Phalanx 2 ant./post.	41.2	32.54	24.62	28.19
1111	III.4	Bos taurus	Phalanx 2 ant./post.	36.13	27.03	22.42	23.34
1288	III.4	Bos taurus	Phalanx 2 ant./post.	41.81	34.03	27.96	32.3
1294	III.4	Bos taurus	Phalanx 2 ant./post.	42.1	29.6	24.7	23.9
1294	III.4	Bos taurus	Phalanx 2 ant./post.	39.5	26.2	21.4	23.3
1294	III.4	Bos taurus	Phalanx 2 ant./post.	41	31.2	24.4	25.8
1393	III.4	Bos taurus	Phalanx 2 ant./post.		29.58		
1516	III.4	Bos taurus	Phalanx 2 ant./post.	40.36	28.47	23.29	26.51
1561	III.4	Bos taurus	Phalanx 2 ant./post.	36.36	25.2	19.57	21.37
1593	III.4	Bos taurus	Phalanx 2 ant./post.	42.28	32.35	26.19	26.31
1605	III.4	Bos taurus	Phalanx 2 ant./post.			22.31	25.63

1622	III.4	Bos taurus	Phalanx 2 ant./post.	39.85	30.67	24.79	25.56		
1633	III.4	Bos taurus	Phalanx 2 ant./post.	39.3	31.1	23.8	27.2		
1827	III.4	Bos taurus	Phalanx 2 ant./post.	38.78	33.21	25.05	28.98		
1960	III.4	Bos taurus	Phalanx 2 ant./post.	42.52	33.24	27.05	25.95		
1960	III.4	Bos taurus	Phalanx 2 ant./post.	41.52	29.26	22.17	23.54		
2524	III.4	Bos taurus	Phalanx 2 ant./post.	38.92	26.42	20.96	21.58		
90	III.5	Bos taurus	Phalanx 2 ant./post.	41.56	31.55	22.95	25.24		
188	III.5	Bos taurus	Phalanx 2 ant./post.			25.03	26.33		
188	III.5	Bos taurus	Phalanx 2 ant./post.			22.69	22.75		
188	III.5	Bos taurus	Phalanx 2 ant./post.	40.06	29.55	25.22	26.38		
1569	III.5	Bos taurus	Phalanx 2 ant./post.	35.44	26.84	20.63	21.95		
				GL	Bp	SD	Bd		
367	III.1	Bos taurus	Phalanx 2 ant.	39	29.2	22.1	24.9		
367	III.1	Bos taurus	Phalanx 2 ant.	38.7	35.3	27.1	29.9		
376	III.1	Bos taurus	Phalanx 2 ant.	48.3	35.8	29.7	32.1		
376	III.1	Bos taurus	Phalanx 2 ant.	45.2	36.7	29.9	35.4		
848	III.1	Bos taurus	Phalanx 2 ant.	64.5	34.5	29.4	32.5		
848	III.1	Bos taurus	Phalanx 2 ant.	59.9	31.2	25.4	30.4		
1277	III.1	Bos taurus	Phalanx 2 ant.	35.9	32.6	27.5	31.1		
2148	III.1	Bos taurus	Phalanx 2 ant.	44.7	36.6	29.5	28.2		
1393	III.4	Bos taurus	Phalanx 2 ant.	42.81	31.52	25.59	26.56		
				DLS	Ld	MBS	BF		
376	III.1	Bos taurus	Phalanx 3 ant.	96.2	71.3	33	28.3		
				DLS	Ld	MBS	BF	HP	
130	III.1	Bos taurus	Phalanx 3 ant./post.	70.83	50.26	23.09	20.98	36.89	
130	III.1	Bos taurus	Phalanx 3 ant./post.				20.16		
363	III.1	Bos taurus	Phalanx 3 ant./post.	73.3	55	25.3			
363	III.1	Bos taurus	Phalanx 3 ant./post.	80.3		25.5			
363	III.1	Bos taurus	Phalanx 3 ant./post.	76.7	55.7	24.3			
365	III.1	Bos taurus	Phalanx 3 ant./post.	71.7	57.7	24.7	23.2		
376	III.1	Bos taurus	Phalanx 3 ant./post.	91.3	67.4	31.2	28.6		
376	III.1	Bos taurus	Phalanx 3 ant./post.			32.8	29.8		
378	III.1	Bos taurus	Phalanx 3 ant./post.	70.3	56.5	23	21.6		
844	III.1	Bos taurus	Phalanx 3 ant./post.			19.9	21.3		
845	III.1	Bos taurus	Phalanx 3 ant./post.	66.4	53.6	22.9	21.9		
846	III.1	Bos taurus	Phalanx 3 ant./post.	64	52.9	20.2	19.2		
848	III.1	Bos taurus	Phalanx 3 ant./post.	72.9	57.8	24.7	21.5		
848	III.1	Bos taurus	Phalanx 3 ant./post.	62.1	49.5	20.3	18.7		
848	III.1	Bos taurus	Phalanx 3 ant./post.	83.9	61.8	26.9	24.5		
859	III.1	Bos taurus	Phalanx 3 ant./post.	61.9	49.9	20.4			
1012	III.1	Bos taurus	Phalanx 3 ant./post.	75.5	58.4	26.2	24.9		
1012	III.1	Bos taurus	Phalanx 3 ant./post.	63.1	50	19.7	20.3		
1736	III.1	Bos taurus	Phalanx 3 ant./post.	76.88	55.56	26.25	24.16		
1782	III.1	Bos taurus	Phalanx 3 ant./post.	66.5	54.3	21.7	22.7		
1810	III.1	Bos taurus	Phalanx 3 ant./post.				25.2		
1810	III.1	Bos taurus	Phalanx 3 ant./post.			25.9	24.9		
1979	III.1	Bos taurus	Phalanx 3 ant./post.	67.6	53.7	22.2	22.7		
1979	III.1	Bos taurus	Phalanx 3 ant./post.	67.9	53.6	24.6	22.6		
1979	III.1	Bos taurus	Phalanx 3 ant./post.	61.8	46.2	20			
1979	III.1	Bos taurus	Phalanx 3 ant./post.	76.8	57.2	27.7	21.9		
1979	III.1	Bos taurus	Phalanx 3 ant./post.			20	19.1		
2149	III.1	Bos taurus	Phalanx 3 ant./post.	76.8	61.4	23.7	22.5		
2155	III.1	Bos taurus	Phalanx 3 ant./post.	91.3	68.4	25.6	23.3		
162	III.2	Bos taurus	Phalanx 3 ant./post.	67.8	47.8	21.2	22.1		
162	III.2	Bos taurus	Phalanx 3 ant./post.	72.3	56.8	24.6	24.2		
1907	III.2	Bos taurus	Phalanx 3 ant./post.	61.2	52.9	21.7	21.5		
1909	III.2	Bos taurus	Phalanx 3 ant./post.	67.8	51.9	21.1	21.1		
1951	III.2	Bos taurus	Phalanx 3 ant./post.	75	59.4	27.1	27.7		
1980	III.2	Bos taurus	Phalanx 3 ant./post.	78.7	58.7	23.4	23.4		
1984	III.2	Bos taurus	Phalanx 3 ant./post.	70.9	58.6	25.8	23.3		
2154	III.2	Bos taurus	Phalanx 3 ant./post.			26.8	23.5		
2175	III.2	Bos taurus	Phalanx 3 ant./post.	63.9	53.4	22.2	23		
2211	III.2	Bos taurus	Phalanx 3 ant./post.	89	67.1	25.5	25		
2227	III.2	Bos taurus	Phalanx 3 ant./post.				21.5		
2328	III.2	Bos taurus	Phalanx 3 ant./post.	73.6	58.3	25.7	23.6		
2351	III.2	Bos taurus	Phalanx 3 ant./post.	69.82	54.94	23.64	21.47	40.37	
2351	III.2	Bos taurus	Phalanx 3 ant./post.	69.37	57.44	22.09	23.13	38.6	
576	III.3	Bos taurus	Phalanx 3 ant./post.	68.93	51.42	23.93	22.96	36.89	
576	III.3	Bos taurus	Phalanx 3 ant./post.	72.64	56.6	23.24	39.79	39.79	
576	III.3	Bos taurus	Phalanx 3 ant./post.	86.62	62.99	26.39	27.05	45.83	
576	III.3	Bos taurus	Phalanx 3 ant./post.	71.69	54.9	21.57	19.55	38.37	
1274	III.3	Bos taurus	Phalanx 3 ant./post.	92.68	65.7	25.53	25.23	40.85	
1635	III.3	Bos taurus	Phalanx 3 ant./post.	75.18	58.6	24.26	25.98	36.09	
2093	III.3	Bos taurus	Phalanx 3 ant./post.			23.93	33.32	33.32	
2093	III.3	Bos taurus	Phalanx 3 ant./post.				23.46	37.12	
2264	III.3	Bos taurus	Phalanx 3 ant./post.			24.92	22.77	33.91	
2264	III.3	Bos taurus	Phalanx 3 ant./post.	88.86	65.35	31.07	26.43	49.5	
122	III.4	Bos taurus	Phalanx 3 ant./post.			29.9	23.5		
122	III.4	Bos taurus	Phalanx 3 ant./post.	57.5	48.1	19.5	20.2		
145	III.4	Bos taurus	Phalanx 3 ant./post.	64.7	49.4	23.5	20.7		
172	III.4	Bos taurus	Phalanx 3 ant./post.				20.9		
189	III.4	Bos taurus	Phalanx 3 ant./post.	65.76	54.04	22.47	22.38	35.17	
240	III.4	Bos taurus	Phalanx 3 ant./post.	74.1	54.6	21.6	22.1		
599	III.4	Bos taurus	Phalanx 3 ant./post.	80	61.2	27.7	26.3		
599	III.4	Bos taurus	Phalanx 3 ant./post.	81.5	63.5	26.9	24.1		
621	III.4	Bos taurus	Phalanx 3 ant./post.				21.5		
621	III.4	Bos taurus	Phalanx 3 ant./post.	79.6	59.2	28.7			
767	III.4	Bos taurus	Phalanx 3 ant./post.	80.7	57.9	23.6			
1105	III.4	Bos taurus	Phalanx 3 ant./post.	82.76	63.93	34.43	32.01	50.41	
1253	III.4	Bos taurus	Phalanx 3 ant./post.	74.78	57.12	27.45	28.39	36.52	
1294	III.4	Bos taurus	Phalanx 3 ant./post.	70.1	58.2	24.8	22.1		
1593	III.4	Bos taurus	Phalanx 3 ant./post.	72.99	56.46	24.22	25.63	39.76	
1593	III.4	Bos taurus	Phalanx 3 ant./post.	76.71	57.52	21.67	23	30.86	
1593	III.4	Bos taurus	Phalanx 3 ant./post.	66.89	50.91	24.41	22.16	38.36	
1597	III.4	Bos taurus	Phalanx 3 ant./post.			20.17	19.66	36	
1622	III.4	Bos taurus	Phalanx 3 ant./post.	77.34		25.47	24.38		
1960	III.4	Bos taurus	Phalanx 3 ant./post.			26.42	25.84		
1960	III.4	Bos taurus	Phalanx 3 ant./post.	72.81	58.08	26.9	22.66		
2225	III.4	Bos taurus	Phalanx 3 ant./post.	62.35	52.65	19.82	19.88	34.28	
2281	III.4	Bos taurus	Phalanx 3 ant./post.			19.2	23.55	37.05	
2494	III.4	Bos taurus	Phalanx 3 ant./post.	92.5	67.8	32.2	29.4		
840	III.3-4	Bos taurus	Phalanx 3 ant./post.	81.2	61.2	26.5	25.5		

120	III.5	Bos taurus	Phalanx 3 ant./post.			22.91	22.92		
188	III.5	Bos taurus	Phalanx 3 ant./post.	76.15	57.35	27.42	25.22	35.85	
188	III.5	Bos taurus	Phalanx 3 ant./post.	77.51	57.31	27	23.52	38.11	
589	III.5	Bos taurus	Phalanx 3 ant./post.	66.79		21.4	21.41		
941	III.5	Bos taurus	Phalanx 3 ant./post.	71.56	57.51	23.38	21.57	41.57	
941	III.5	Bos taurus	Phalanx 3 ant./post.	64.34	51.93	21.66	19.76	37.92	
						GB	GD		
1979	III.1	Bos taurus	Centroquartale	51.8		48.4			
240	III.4	Bos taurus	Centroquartale			52.35			
					GLI	GLm	DI	Dm	Bd
848	III.1	Bos taurus	Talus (Astragalus)	64.9	59.1	35.8	35.2	43.7	SLa
2093	III.3	Bos taurus	Talus (Astragalus)		63.88			44.47	56.16
599	III.4	Bos taurus	Talus (Astragalus)	77.6	70.6	43.3	39.2	47.7	60.1
1960	III.4	Bos taurus	Talus (Astragalus)	62	56.18	34.66	28.76	38.34	
					GL	GB	GD		
621	III.4	Bos taurus	Sesamoid	25.4	17.8	18.7			
					Fragment Length				
2150	III.1	Bos taurus	Carpale	30.5					
					LChr M3-P2(Alv)	LMR(Alv)			
174	III.1	Sus domesticus	Maxilla	104.9					
1394	III.3-4	Sus domesticus	Maxilla			62.91			
					H mandib. in front of M1	LChr M3-P2(Alv)	LMR(Alv)	LPR P4-P1(Alv)	LPR P4-P2(Alv)
275	III.1	Sus domesticus	Mandibula			66.7			
1394	III.3-4	Sus domesticus	Mandibula		99.51	64.9	59.58	46.05	
72	III.4	Sus domesticus	Mandibula	46.2		67.87			
765	III.4	Sus domesticus	Mandibula	49.64		66.81		35.34	
					SLC	GLP	LG	BG	
1347	III.1	Sus domesticus	Scapula	23.6	33.81	27.8			
1780	III.2	Sus domesticus	Scapula	23.7					
2093	III.3	Sus domesticus	Scapula		34.56	26.47	21.17		
599	III.4	Sus domesticus	Scapula	23.5	35.3	29.4	26		
1565	III.4	Sus domesticus	Scapula				23.31		
1605	III.4	Sus domesticus	Scapula	23.66	34.6	28.39	26.64		
2281	III.4	Sus domesticus	Scapula	22.45	34.26	27.25	26.21		
					LA	LAR	SH	SB	
204	III.1	Sus domesticus	Coxa	28.5					
1291	III.1	Sus domesticus	Coxa	28.4					
1979	III.1	Sus domesticus	Coxa	31.8		22.2	12.4		
2351	III.2	Sus domesticus	Coxa	31.08					
1982	III.2	Sus domesticus	Coxa	29.34					
1605	III.4	Sus domesticus	Coxa		32.67				
2281	III.4	Sus domesticus	Coxa		33.8				
					SD	Bd	BT		
128	III.1	Sus domesticus	Humerus	15					
2290	III.3	Sus domesticus	Humerus		39.04	30.57			
106	III.5	Sus domesticus	Humerus		39.29	30.57			
					BPC				
240	III.4	Sus domesticus	Ulna	22.31					
					Bp	SD	Bd	Dd	
128	III.1	Sus domesticus	Tibia/Tibiotarsus		20	27.2			
1983	III.1	Sus domesticus	Tibia/Tibiotarsus			28.1	24.1		
1855	III.1	Sus domesticus	Tibia/Tibiotarsus			31.26	28.59		
145	III.4	Sus domesticus	Tibia/Tibiotarsus			28	25.8		
621	III.4	Sus domesticus	Tibia/Tibiotarsus			27.8	25.5		
1960	III.4	Sus domesticus	Tibia/Tibiotarsus	45.9					
1103	III.4	Sus domesticus	Tibia/Tibiotarsus			28.79			
					GLI	GLm			
378	III.1	Sus domesticus	Talus (Astragalus)	39.2	38.1				
1909	III.2	Sus domesticus	Talus (Astragalus)	43.3	39.4				
2281	III.4	Sus domesticus	Talus (Astragalus)	39.48	37.17				
					GL	Bd			
844	III.1	Sus domesticus	Mc II	50.9	12.7				
1456	III.3	Sus domesticus	Mc II	55.91	14.26				
1103	III.4	Sus domesticus	Mc II	49.52	12.47				
					GL	Bp	Dp	Bd	Dd
2149	III.1	Sus domesticus	Mc III	71.3	16.6		16.1		
599	III.4	Sus domesticus	Mc III	73.4	16.1		15.9		
634	III.4	Sus domesticus	Mc III	79.1	18.6		17.2	18	
200	III.2	Sus domesticus	Mc III	73.73	16.15	17.34	15.46	14.86	
					GL	Bp	Bd	Dd	
1951	III.2	Sus domesticus	Mc IV	72.2	13.2	14.3	15.6		
1578	III.4	Sus domesticus	Mc IV	78.8	16.1	16.6			
599	III.4	Sus domesticus	Mc IV	72.8	14.8	15			
634	III.4	Sus domesticus	Mc IV	80.6	16.9	16.1	17.7		
2290	III.3	Sus domesticus	Mc IV	77.88	15.48	15.37			
					GL	Bd			
200	III.2	Sus domesticus	Mc V	53.98	13.86				
576	III.3	Sus domesticus	Mc V	57.46	17.43				
287	III.4	Sus domesticus	Mc V	56.77	15.34				
527	III.5	Sus domesticus	Mc V	57.08	14.06				
					GL	Bd			
1347	III.1	Sus domesticus	Mt II	56.3					
467	III.2	Sus domesticus	Mt II	59.3	14.4				
599	III.4	Sus domesticus	Mt II	66.8	14.6				
634	III.4	Sus domesticus	Mt II	66	15.3				
					GL	LeP	Bp	Bd	Dd
371	III.1	Sus domesticus	Mt III	76.6		14.6	13.8		

1979	III.1	Sus domesticus	Mt III	75.8		14.9	13.8	15.9	
1907	III.2	Sus domesticus	Mt III	83.1		17.1	14.5		
160	III.4	Sus domesticus	Mt III			16.8			
1960	III.4	Sus domesticus	Mt III	78.71	78.25	16.98	14.42	16.53	
2281	III.4	Sus domesticus	Mt III	80.5	79.35	15.43			
				GL	LeP	Bp	Bd	Dd	
378	III.1	Sus domesticus	Mt IV	82.7	79.8	13.2			
365	III.1	Sus domesticus	Mt IV			14.5			
1347	III.1	Sus domesticus	Mt IV	83.2	79	14.6	13.4		
2175	III.2	Sus domesticus	Mt IV		84.1		15.1		
1907	III.2	Sus domesticus	Mt IV	84	79.5	15.2	14.2		
467	III.2	Sus domesticus	Mt IV			16			
422	III.4	Sus domesticus	Mt IV				15.68	17.31	
241	III.5	Sus domesticus	Mt IV			16.19			
				GL	Bd				
1810	III.1	Sus domesticus	Mt V	60.4	14.5				
1910	III.2	Sus domesticus	Mt V	57.9	13.9				
71	III.4	Sus domesticus	Mt V	75.3	15.4				
634	III.4	Sus domesticus	Mt V	58.5	13.2				
				Bd					
130	III.1	Sus domesticus	Mp indet. Hauptstrahl	14.05					
1951	III.2	Sus domesticus	Mp indet. Hauptstrahl	14.2					
				GLpe	Bp	SD	Bd		
844	III.1	Sus domesticus	Phal. 1 ant./post.	42.1	16.9	13.9	16.1		
174	III.1	Sus domesticus	Phal. 1 ant./post.	37.8	15.3	12.2	14.8		
846	III.1	Sus domesticus	Phal. 1 ant./post.	31.6	15.4	11.5	14.2		
363	III.1	Sus domesticus	Phal. 1 ant./post.		16.4	13.1	14.7		
1012	III.1	Sus domesticus	Phal. 1 ant./post.	36.5	17.4	13.8	16.9		
130	III.1	Sus domesticus	Phal. 1 ant./post.	33.83	15.73	13.24	15.08		
2328	III.2	Sus domesticus	Phal. 1 ant./post.	37.8	15.5	12	14.8		
1980	III.2	Sus domesticus	Phal. 1 ant./post.	38.1	16.1	12.5	14.8		
1780	III.2	Sus domesticus	Phal. 1 ant./post.				16.19		
1780	III.2	Sus domesticus	Phal. 1 ant./post.	38.99	16.02	12.87	15.09		
71	III.4	Sus domesticus	Phal. 1 ant./post.	37.6	16.8	13.5	15.8		
599	III.4	Sus domesticus	Phal. 1 ant./post.	37	17.6	13.4	15.8		
1253	III.4	Sus domesticus	Phal. 1 ant./post.	36.9	16.58	14.25	16.59		
1253	III.4	Sus domesticus	Phal. 1 ant./post.	34.79	14.61	11.99	13.55		
				GL	Bp	SD	Bd		
1347	III.1	Sus domesticus	Phal. 2 ant./post.	24.9	16.1	13.7	13.6		
1979	III.1	Sus domesticus	Phal. 2 ant./post.	23.4	15.6	13.3	13.4		
130	III.1	Sus domesticus	Phal. 2 ant./post.	20.68	16.16	13.96	14.49		
1780	III.2	Sus domesticus	Phal. 2 ant./post.	25.31	17.33	14.33	14.67		
1840	III.3	Sus domesticus	Phal. 2 ant./post.	22.42	17.49	15.35	15.9		
1294	III.4	Sus domesticus	Phal. 2 ant./post.	21.7	17.2	13.6	15.3		
1633	III.4	Sus domesticus	Phal. 2 ant./post.	22.9	15.6	13	12.7		
				DLS	Ld	BF	HP	MBS	
1351	III.1	Sus domesticus	Phal. 3 ant./post.	28.1	26.4	13		11.4	
1347	III.1	Sus domesticus	Phal. 3 ant./post.	31.3	28.6	14.7			
1347	III.1	Sus domesticus	Phal. 3 ant./post.	28.8	27.9	14.8		12.3	
2020	III.1	Sus domesticus	Phal. 3 ant./post.	29.63	29.15	14.84	18.69	12.39	
1012	III.1	Sus domesticus	Phal. 3 ant./post.	31.6	29.5	13.6		12.4	
1910	III.2	Sus domesticus	Phal. 3 ant./post.	28.9	27.2	12.8		11.5	
1984	III.2	Sus domesticus	Phal. 3 ant./post.	31.6	30.1	12.4		12.9	
1780	III.2	Sus domesticus	Phal. 3 ant./post.	32.63	30.87	14.92	16.62	13.09	
726	III.3-4	Sus domesticus	Phal. 3 ant./post.	29	27.2	12.9	15	12.5	
287	III.4	Sus domesticus	Phal. 3 ant./post.	32.3	29.98	14.48	16.87	12.12	
				GLpe	Bp	SD	Bd		
1982	III.2	Sus domesticus	Phal. 1 Nebenstrahl	23.42	11.68	8.5	8.71		
130	III.1	Sus domesticus	Phal. 1 Nebenstrahl	22.5	11.88	7.87	7.77		
				GD base	LD base	basal circumference	SB betw. horncore bases		
634	III.4	Capra hircus	Schädel mit Hornzapfen	32.3	21.5	90	29.8		
				Bp	SD	Dp	DFpl		
1986	III.2	Capra hircus	Radius	35.57	19.54	19.05	11.55		
				DC					
1103	III.4	Capra hircus	Femur	23.16					
				GL	Bp	Dp	SD	Bd	Dd
365	III.1	Ovis aries	Mt III+IV	146.2	20.8	20.5	11.8	24.7	16.8
1622	III.4	Ovis aries	Mt III+IV		19.25	19.77			
				GD base	LD base	basal circumference			
2285	III.2	Ovis aries	Schädel mit Hornzapfen	49.5	36.6	140			
				Bp	SD	Dp	DFp		
2093	III.3	Ovis aries	Radius	31.95		17.98	11.54		
1393	III.4	Ovis aries	Radius		15.41				
				Bd	BT				
1606	III.4	Ovis aries	Humerus	27.95	26.56				
				GLI	GLm	DI	Bd		
1917	III.1	Ovis aries	Talus (Astragalus)	33.4	31.2	18	21.1		
1347	III.1	Ovis aries	Talus (Astragalus)	28.9	27.2	16.8	19.1		
				Bp	Dp	SD			
845	III.1	Ovis aries	Mc III+IV	23.4	18.4	13.7			
1780	III.2	Ovis aries	Mc III+IV	22.29	15.81	13.93			
2208	III.3	Ovis aries	Mc III+IV	23.02	16.97	14.03			
107	III.5	Ovis aries	Mc III+IV	23.44	16.7				
				SD					
72	III.4	Canis familiaris	Humerus	14.66					
				GL	LF	BF	Ld	HP	
2093	III.3	Equidae	Phal. 3 post.	53.64	22.91	40.86	47.13	38.27	

				Bp	Dp	SD	DD		
634	III.4	Equidae	Mc III	54.3	35.7				
1793	III.5	Equidae	Mc III			31.52	23.46		
				GL					
2150	III.1	Gallus gallus	Phal. 1 post.	18.8					
				GL	Bp	SC	Bd		
1979	III.1	Gallus gallus	Tarsometatarsus	79.5	13.8	6.2	13.3		
1855	III.1	Gallus gallus	Tarsometatarsus		12.89				
74	III.4	Gallus gallus	Tarsometatarsus			5.6	11.4		
599	III.4	Gallus gallus	Tarsometatarsus			7.2	14.2		
1606	III.4	Gallus gallus	Tarsometatarsus	65.46	12.05	5.57	11.47		
1606	III.4	Gallus gallus	Tarsometatarsus		11.65				
				Dic					
240	III.4	Gallus gallus	Scapula	12.59					
				GL	Lm	Bb	BF		
846	III.1	Gallus gallus	Coracoid	50.7	48.1	11.7	9.5		
634	III.4	Gallus gallus	Coracoid	48	45.6	11.5	9.4		
1606	III.4	Gallus gallus	Coracoid	49.6	46.7	12.75	10.24		
				Bp	Dp	SC	Bd		
365	III.1	Gallus gallus	Femur				15		
1951	III.2	Gallus gallus	Femur			6.4	14.2		
172	III.4	Gallus gallus	Femur			7			
560	III.4	Gallus gallus	Femur	16					
634	III.4	Gallus gallus	Femur	16.5	14.3	7.1	16.7		
2524	III.4	Gallus gallus	Femur			5.68			
1597	III.4	Gallus gallus	Femur			6.1	14.08		
188	III.5	Gallus gallus	Femur	14.56		5.97			
				GL	SC	Bd			
602	III.1	Gallus gallus	Radius	58.4	3	6.5			
848	III.1	Gallus gallus	Radius	55.9	2.7	6			
2024	III.2	Gallus gallus	Radius	57.8	2.9	6.2			
172	III.4	Gallus gallus	Radius	60.8	3.5	6.5			
61	III.4	Gallus gallus	Radius		3.1				
				GL	Bp	Dip	SC	Bd	
1534	III.2	Gallus gallus	Humerus				9.1		
2351	III.2	Gallus gallus	Humerus		18.88		6.85		
599	III.4	Gallus gallus	Humerus	72.8	19.5	19.5	7.3	14.6	
634	III.4	Gallus gallus	Humerus	74.8	20.6		7.8	16.1	
634	III.4	Gallus gallus	Humerus	61	17.1		6.7	13.2	
634	III.4	Gallus gallus	Humerus	74	20.2		8.2	14.7	
634	III.4	Gallus gallus	Humerus					14.4	
634	III.4	Gallus gallus	Humerus		18.4				
2524	III.4	Gallus gallus	Humerus				6	12.81	
2524	III.4	Gallus gallus	Humerus		16.34		6.12		
1606	III.4	Gallus gallus	Humerus					15.21	
				GL	Dip	Bp	SC	Did	
1961	III.2	Gallus gallus	Ulna	68.6	12.8	8.9			
240	III.4	Gallus gallus	Ulna					10.18	
240	III.4	Gallus gallus	Ulna		13.31	9.1			
240	III.4	Gallus gallus	Ulna			8.3	5.25	8.6	
				GL	Bp	Did			
1578	III.4	Gallus gallus	Carpometacarpus	40.8	12.8	8.9			
1633	III.4	Gallus gallus	Carpometacarpus	35.9	10.2	6.8			
				Dip	SC	Bd			
365	III.1	Gallus gallus	Tibia/Tibiotarsus			11.7			
365	III.1	Gallus gallus	Tibia/Tibiotarsus			9.6			
1961	III.2	Gallus gallus	Tibia/Tibiotarsus			10.1			
162	III.2	Gallus gallus	Tibia/Tibiotarsus		5.6				
172	III.4	Gallus gallus	Tibia/Tibiotarsus			11.7			
74	III.4	Gallus gallus	Tibia/Tibiotarsus	17.5	6.3				
634	III.4	Gallus gallus	Tibia/Tibiotarsus			10.3			
634	III.4	Gallus gallus	Tibia/Tibiotarsus			10.7			
2500	III.4	Gallus gallus	Tibia/Tibiotarsus	21.41					
2524	III.4	Gallus gallus	Tibia/Tibiotarsus	16.55					
				Bd	Dd				
72	III.4	Dama dama	Mt III+IV	36.31	24.85				
				GLpe	Bp	SD	Bd		
72	III.4	Dama dama	Phal. 1 post.	47.5	18.29	14.56	16.64		
72	III.4	Dama dama	Phal. 1 post.			14.51	16.72		
				GL	Bp	SD	Bd		
72	III.4	Dama dama	Phal. 2 post.	36.49	17.71	13.62	14.9		
				Bp	Dp	SD	DD		
1858	III.2	Cervus elaphus	Mt III+IV	41.44	41.33	22.12	25.91		
				Bp					
941	III.5	Cervus elaphus	Tibia/Tibiotarsus	71.59					
				Bd					
634	III.4	Aegypius monachu	Humerus	35.9					
634	III.4	Aegypius monachu	Humerus	36.19					
				SC					
1855	III.1	Tetrao urogallus	Tarsometatarsus	7.32					
				Dip	SC				
634	III.4	Anser sp.	Tibia/Tibiotarsus	25.6	9				
				BF					
1606	III.4	Galliformes	Coracoid	8.4					
				Bp	SC				

1951	III.2	Columbidae	Tarsometatarsus	7.8	3.4		
				GL	Lm	Bb	BF
2155	III.1	Columbidae	Coracoid	35.3	34.6	12	9.7
				Bp	SC	Did	
599	III.4	Columbidae	Ulna	7.1	3.8	7.3	

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Tab. 27: Windisch-Bachthalen 2006–2007 (V.006.2), Parzelle 12. Masstabellen (Masse nach von den Driesch 1976).

	keine Torsion	leichte Torsion	Torsion	Gesamtergebnis
Kastrat		1		1
männlich	5	1		18
wahrscheinlich Kastrat		2	3	6
wahrscheinlich männlich	2			7
wahrscheinlich weiblich	5			12
weiblich	2	1		4
unbestimmt	2	4		388
Gesamtergebnis	16	9	3	436

Tab. 28: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Hornzapfen mit Torsion in G12.29.

	n
<b>Stufe 0 (kein Grooving)</b>	<b>18</b>
Kastrat	1
männlich	1
wahrscheinlich Kastrat	3
wahrscheinlich männlich	1
wahrscheinlich weiblich	4
weiblich	2
nicht bestimmbar	6
<b>Stufe 1</b>	<b>6</b>
männlich	1
wahrscheinlich Kastrat	2
weiblich	1
unbestimmbar	2
<b>Stufe 2</b>	<b>6</b>
männlich	2
wahrscheinlich Kastrat	1
wahrscheinlich weiblich	1
weiblich	1
unbestimmbar	1
<b>Stufe 3</b>	<b>7</b>
männlich	4
wahrscheinlich männlich	1
unbestimmbar	2
<b>Stufe 4 (starkes Grooving)</b>	<b>5</b>
männlich	4
unbestimmbar	1

Tab. 29: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Hornzapfen mit Grooving in G12.29.



	Exostosen	Lipping	verbreitertes Gelenk	Arthrose
Carpalia	2			
Mc III+IV			2	
Mt III+IV	2		1	1
Mp indet.			3	
Phal. 1 ant.	18	7		3
Phal. 1 post.	2			
Phal. 1 ant./post.	2			
Phal. 2 ant.		3		
Phal. 2 ant./post.	1	12		

Tab. 30: Windisch-Bachthalen 2006–2007 (V.006.2). Parzelle 12. Pathologien Hausrind.