Locality No.	Locality	Subsite/stratum	Decimal latitude	Decimal longitude	Elevation (m asl.)	Region	Country	County/province	Area	Nearest town	Source of coordinates	Original coordinates given	Mammal taxa	Mammal taxa annotations	Time slice	Time slice certain (empty) or uncertain (u)	14C date (BP)	14C deviation	Laboratory code	Dated material	Sample/details	Conventional (1) or AMS (2)	Other dates given	Archaeological context	Palaeobotanical context	Authors' annotations concerning climate and/or chronozone	Additional annotations	References
1	Asdal		57,4666	9,9833	60	North	DK	Jutland	Hjørring	in Asdal	www.fallingrain.com/world/		URma		3		11100	160	K-3741	jaw (*Ursus maritimus*)		1					500m N Asdal Gård; river bank of Kjul Aa	Nordmann & Degerbøl 1929/1930; Aaris-Sørensen in press
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	DEmo		3		11120	160	AAR-1908	bone (*Rangifer*)		2			open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	SOar		3		11180	130	AAR-1909	bone (*Rangifer*)		2			open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	SOmi		3		11190	100	AAR-1910	bone (*Rangifer*)		2			open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	OCpu	*Ochotona cf. pusilla*	3		11230	150	AAR-1510	wood (*Salix*)		2			open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	SP	*Spermophilus cf. magna*	3		11570	110	AAR-1511	bone (*Rangifer*)		2			open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	ARte		3		11590	130	AAR-1509	wood (*Salix*)		2			open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	Mlgr		3										open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	Mloe		3										open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	MI		3										open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	ARV		3										open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	MUR	ARV/MUR	3										open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	Sibe	*Sicista cf. betulina*	3										open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	RGta		3										open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	A	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	URar		3										open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	B	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	ARte		3		11260	120	AAR-1508	wood (*Salix*)		2			open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	B	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	MI		3										open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	B	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	ARV		3										open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	B	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	MUR	ARV/MUR	3										open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; one of oldest URar in Denmark; cf. Faurbo Knold	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	B,C	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	CSfi		3												striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press; CSfi only represented by gnawing traces	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	C	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	RGta		3		11190	135	K-6189	bone (*Rangifer*)	sample 181/1980	1			open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	C	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	RGta		3		11340	120	AAR-1507	wood (*Salix*)	sample 45.7/14	2			open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	C	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	RGta		3		11370	165	K-6188	bone (*Rangifer*)	sample 181/1980	1			open park tundra; boreal forest, steppe and tundra elements	mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press	Aaris-Sørensen 1995, 1998, 2006, in press; Bondesen & Lykke-Andersen 1978; Iversen 1942; Noe-Nygaard 1983
2	Nørre Lyngby	D	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	LEti		3												striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press	Aaris-Sørensen 1995
2	Nørre Lyngby	general	57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x			3								11600-11100 BC	Brommean	typical for steppe		mix of tundra and steppe, warm summers, cold winters	striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press	Aaris-Sørensen 1998; Eriksen 2002; Iversen 1942
2	Nørre Lyngby		57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	RGta		3		11520	110		reindeer antler axe				Brommean				striking absence of lemmings stressed by Aaris-Sørensen 1995, but a single molar of Lemmus lemmus mentioned by Aaris-Sørensen in press	Clausen 2004 (date of axe)
2	Nørre Lyngby		57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	RGta		5		9110	65	AAR-8919	antler axe (*Rangifer*)		2		Lyngby axe		probably YD	intermixed in Allerød fauna	Aaris-Sørensen 2006, in press; Stensager 2004
2	Nørre Lyngby		57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	CEel		5	u												ZMUC archives
2	Nørre Lyngby		57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	BOta		5	u												ZMUC archives
2	Nørre Lyngby		57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	BOpr		5	u												ZMUC archives
2	Nørre Lyngby		57,4000	9,7000		North	DK	Jutland	Hjørring	Tranegård	see references	x	EQ		5	u												ZMUC archives
3	Jærmsted Mose		57,1167	9,4667	4	North	DK	Jutland	East Han Herred		www.fallingrain.com/world/		Blbo		4		10000	80	AAR-4544	bone (*Bison bonasus*)		2		11.7-11.4 ka cal BP	Zone III; timberless tundra; Late Dryas			FAD of Blbo in Denmark	Degerbøl & Iversen 1945; Aaris-Sørensen in press
4	Tranum		57,0800	9,2900		North	DK	Jutland	Hjørring Amt		Eurofauna Database		Bl		4											Late Dryas		Degerbøl & Iversen 1945
5	Hundesømose		56,9000	8,8000		North	DK	Jutland			figure in Noe-Nygaard 1983		URar		5											Preboreal		Noe-Nygaard 1983
6	Terp Mose		56,5167	9,9500	25	North	DK	Jutland	Korsted	Randers	www.fallingrain.com/world/		BOpr		5		9845	54			Z.M.K. 1/1899		9270 cal BC			Preboreal		Noe-Nygaard et al. 2005; Degerbøl & Fredskild 1970
7	Skavngård Mose		56,3667	9,5833	30	North	DK	Jutland	Viborg	Vindum	www.fallingrain.com		RGta		5		9260	100	K-7072	antler (*Rangifer*)		1						also: Skavnsgård Mose, Skavngårdsmose	Aaris-Sørensen et al. 2007
8	Klosterlund		56,2000	9,2000		North	DK	Jutland			figure in Aaris-Sørensen et al. 2007		RGta		5		8920	140	K-1315			1	8270-7830 BC	Early Mesolithic				Sørensen & Sternke 2004; Aaris-Sørensen et al. 2007
8	Klosterlund		56,2000	9,2000		North	DK	Jutland			figure in Aaris-Sørensen et al. 2007				5		9140	150	K-1316			1	8610-8220 BC	Early Mesolithic				Sørensen & Sternke 2004; Aaris-Sørensen et al. 2007
8	Klosterlund		56,2000	9,2000		North	DK	Jutland			figure in Aaris-Sørensen et al. 2007				5		9230	150	K-1317			1	8630-8270 BC	Early Mesolithic				Sørensen & Sternke 2004; Aaris-Sørensen et al. 2007
8	Klosterlund		56,2000	9,2000		North	DK	Jutland			figure in Aaris-Sørensen et al. 2007				5		9200	140	K-1452			1	8610-8270 BC	Early Mesolithic				Sørensen & Sternke 2004; Aaris-Sørensen et al. 2007
9	Rosmos		56,1800	10,4700		North	DK	Jutland	Randers Amt		Eurofauna Database		MMpr		1	u	13240	760	K-3697	tusk (*Mammuthus*)		1	33270±350 BP (OxA-10189; Stuart et al. 2002)				reimmigration of MMpr with deglaciation (compare Lockarp, Scania); BUT find has been re-dated by Stuart et al. 2002	Aaris-Sørensen et al. 1990; Stuart et al. 2002
10	Knabberup		55,8000	9,5000		North	DK	Jutland			figure in Noe-Nygaard et al. 2005		BOpr		5		8985	40					8235 cal BC					Noe-Nygaard et al. 2005
11	Tudvad Mose		55,6333	9,4000	75	North	DK	Jutland	Vejle		www.fallingrain.com/world/		ALal		5		9300	145	K-6122	bone (*Alces alces*)		1						ZMUC archives
12	Jordrup		55,5500	9,3167	74	North	DK	Jutland	Kolding	Anst	www.fallingrain.com/world/		RGta		5		9210	95	K-7066	antler (*Rangifer*)		1						Aaris-Sørensen et al. 2007; Degerbøl &Krog 1959
13	Jels	1	55,3500	9,2000	44	North	DK	Jutland	Haderslev	Jels	www.fallingrain.com/world/		RGta		2								TL 14700±1500 BP	Hamburgian (Holm 1991); first human occupation in S Scandinavia after glaciation (Aaris-Sørensen 1992)		beginning of Balling	this means Meiendorf???	Holm 1991; Aaris-Sørensen 1992
13	Jels	2	55,3500	9,2000	44	North	DK	Jutland	Haderslev	Jels	www.fallingrain.com/world/		RGta		2								TL 14300±1500 BP	Hamburgian (Holm 1991); first human occupation in S Scandinavia after glaciation (Aaris-Sørensen 1992)		beginning of Balling	this means Meiendorf???	Holm 1991; Aaris-Sørensen 1992
14	Slotseng	1	55,3300	9,2000		North	DK	Jutland	Haderslev	Malby	figure in Aaris-Sørensen et al. 2007		RGta		2		12520	190	AAR-0906	worked antler (*Rangifer tarandus*)		2			Havelte (Clausen 1997); Hamburgian or Federmesser (Eriksen 2002); Hamburgian AND Federmesser (Holm 1991)	middle of Balling period	oldest appearance of reindeer in Denmark (Aaris-Sørensen et al. 2007)	Aaris-Sørensen et al. 2007; Holm 1991; Clausen 1997; Eriksen 2002; Street & Baales 1999
14	Slotseng	2	55,3300	9,2000		North	DK	Jutland	Haderslev	Malby	figure in Aaris-Sørensen et al. 2007		RGta		2		12410	70	AAR-8159	antler (*Rangifer tarandus*)		2						Aaris-Sørensen et al. 2007
14	Slotseng	3	55,3300	9,2000		North	DK	Jutland	Haderslev	Malby	figure in Aaris-Sørensen et al. 2007		RGta		2		12290	75	AAR-8165	bone (*Rangifer tarandus*)		2						Aaris-Sørensen et al. 2007
14	Slotseng	4	55,3300	9,2000		North	DK	Jutland	Haderslev	Malby	figure in Aaris-Sørensen et al. 2007		RGta		2		12240	50	AAR-8160	bone (*Rangifer tarandus*)		2						Aaris-Sørensen et al. 2007
14	Slotseng	5	55,3300	9,2000		North	DK	Jutland	Haderslev	Malby	figure in Aaris-Sørensen et al. 2007		RGta		2		12220	100	AAR-8162	antler (*Rangifer tarandus*)		2						Aaris-Sørensen et al. 2007
14	Slotseng	6	55,3300	9,2000		North	DK	Jutland	Haderslev	Malby	figure in Aaris-Sørensen et al. 2007		RGta		2		12205	65	AAR-8163	bone (*Rangifer tarandus*)		2						Aaris-Sørensen et al. 2007
14	Slotseng	7	55,3300	9,2000		North	DK	Jutland	Haderslev	Malby	figure in Aaris-Sørensen et al. 2007		RGta		2		12190	50	AAR-8163	bone (*Rangifer tarandus*)		2						Aaris-Sørensen et al. 2007
14	Slotseng	8	55,3300	9,2000		North	DK	Jutland	Haderslev	Malby	figure in Aaris-Sørensen et al. 2007		RGta		2		12170	100	AAR-8157	antler (*Rangifer tarandus*)		2						Aaris-Sørensen et al. 2007
14	Slotseng	9	55,3300	9,2000		North	DK	Jutland	Haderslev	Malby	figure in Aaris-Sørensen et al. 2007		RGta		2		12165	55	AAR-8158	antler + bone (*Rangifer tarandus*)		2						Aaris-Sørensen et al. 2007
14	Slotseng	10	55,3300	9,2000		North	DK	Jutland	Haderslev	Malby	figure in Aaris-Sørensen et al. 2007		RGta		2		12065	80	AAR-8161	antler (*Rangifer tarandus*)		2						Aaris-Sørensen et al. 2007
15	Almind Mose		55,3300	9,3700		North	DK	Jutland	Vejle Amt		Eurofauna Database		URar		5											Preboreal		Noe-Nygaard 1983
16	Lysmosen		55,3000	9,6000		North	DK	Jutland	E Haderslev		figure in Aaris-Sørensen & Liljegren 2004		MGgi		3		11630	120		bone (*Megaloceros*)			11610 BC		poor vegetation with *Betula* and *Dryas*	Allerød		c. f. Lüdersdorf	Aaris-Sørensen 1987, 1998; Aaris-Sørensen & Liljegren 2004; Bratlund 1993; Stuart 1991
17	Navtrup Mark		55,3000	9,6000		North	DK	Jutland			figure in Aaris-Sørensen & Liljegren 2004		MGgi		3													Aaris-Sørensen & Liljegren 2004
18	Vonsmose	Grødebøl	55,2500	9,5000	9	North	DK	Jutland	Haderslev		www.fallingrain.com/world/		ALal		3		11770	190	K-6124	bone (*Alces alces*)		1	11770 BC		zone II (H. Krog)		oldest elk from DK	Aaris-Sørensen 1998, in press
19	Grarup		55,1500	9,3100		North	DK	Jutland	Haderslev		Eurofauna Database		MGgi		3					rib (*Megaloceros*)			ca. 11600 years old					Aaris-Sørensen 1987
20	Boltinggårds Skov		55,5667	10,2833	14	North	DK	Funen		Ringe	www.fallingrain.com/world/		SAta		1		14040	200	AAR-1977	bone (*Saiga*)		2	BC 15140-14630; weighted average of AAR-1977 and -1456: 13930±110 BP				very first occurrence of *Saiga* after deglaciation; only record in Scandinavia; northernmost distribution in W Europe	Aaris-Sørensen 2006; Aaris-Sørensen et al. 1999
20	Boltinggårds Skov		55,5667	10,2833	14	North	DK	Funen		Ringe	www.fallingrain.com/world/				1		13880	140	AAR-1456	bone (*Saiga*)		2	BC 14890-14500; weighted average of AAR-1977 and -1456: 13930±110 BP				very first occurrence of *Saiga* after deglaciation; only record in Scandinavia; northernmost distribution in W Europe	Aaris-Sørensen et al. 1999
21	Vedelshave		55,5000	9,9500	13	North	DK	Funen	Asperup	Odense	www.fallingrain.com/world/		ALal		5		9920	135	K-3725	bone		1			early Preboreal (I. Sørensen); zone V (J. Iversen)			Aaris-Sørensen in press
21	Vedelshave		55,5000	9,9500	13	North	DK	Funen	Asperup	Odense	www.fallingrain.com/world/		EQ	*Equus caballus*	5										early Preboreal (I. Sørensen); zone V (J. Iversen)			ZMUC archives
22	Vævlinge		55,4833	10,1667	34	North	DK	Funen			www.fallingrain.com/world/		MGgi		4		10700	115	K-5658	antler (*Megaloceros*)		1			Zone transition II/III (J. Iversen)			Aaris-Sørensen & Liljegren 2004 (Degerbøl 1938); Degerbøl & Iversen 1945
23	Højbjergsminde		55,4167	10,2500	20	North	DK	Funen		Svendborg	www.fallingrain.com/world/		MGgi		3		11340	80	AAR-4565	antler (*Megaloceros*)		2						Aaris-Sørensen & Liljegren 2004
24	Ulleslev		55,3667	10,6667	19	North	DK	Funen	Ulleslev		www.fallingrain.com/world/		BOpr		5						Z.M.K. 36/0000				zone V (Fredskild)	Boreal		Degerbøl & Fredskild 1970; Degerbøl 1964
25	Harndrup		55,2800	10,0200		North	DK	Funen	Odense Amt		Eurofauna Database		Bl		4										end of Late Dryas; open vegetation, rich in grasses & herbaceous plants			Degerbøl & Iversen 1945
26	Villestoffe		55,2400	10,2300		North	DK	Funen	Odense		Eurofauna Database		RGta		2		12080	90	AAR-4187	bone		2			Zone Ic			Aaris-Sørensen et al. 2007; Degerbøl & Krog 1959
27	Arreskov		55,1667	10,3333		North	DK	Funen			Vermeersch 2006		RGta		4		10600	100	OxA-3173	antler axe (*Rangifer tarandus*)	FSM j.nr.3211, NMI j.nr.4588/82	2		Tanged Point complex, Ahrensburgian?				Clausen 2004; Fischer 1996; Hedges et al. 1993; Lanting & Plicht 1996
28	Akkerup Mose		55,1400	10,0700		North	DK	Funen		Odense	Eurofauna Database		Bibo		5		9540	85	K-6005	bone (*Bison bonasus*)		1	11.0-11.7 ja cal BP		end of Late Dryas; open vegetation, rich in grasses & herbaceous plants; zone III (J. Iversen)		LAD of Blbo in Denmark	Degerbøl & Iversen 1945; Aaris-Sørensen in press
28	Akkerup Mose		55,1400	10,0700		North	DK	Funen		Odense	Eurofauna Database		BOpr		4	u									end of Late Dryas; open vegetation, rich in grasses & herbaceous plants; zone III (J. Iversen)			Degerbøl & Iversen 1945
29	Millinge		55,1333	10,2167	23	North	DK	Funen	Fåborg		www.fallingrain.com/world/		BOpr		5		9920	80	AAR-3785	bone (*Bos primigenius*)	Z.M.K. 5/1961	2			zone III, last part	transition Younger Dryas-Preboreal	oldest BOpr from Denmark	Degerbøl & Fredskild 1970; Møhl 1979
30	Faaborg		55,1000	10,2500	9	North	DK	Funen			www.fallingrain.com/world/		BOpr		4										final phase of the Zone III	YD		Tietz 2005 Aaris-Sørensen 1999; Degerbøl & Fredskild 1970
31	Hesselagergård		55,1000	10,4400		North	DK	Funen	Svendborg		Eurofauna Database		MGgi		3		11350	115	K-5660	bone (*Megaloceros*)		1			Zone II (Allerød; I. Sørensen)			Aaris-Sørensen & Liljegren 2004
32	Bro	III ?	54,8333	10,4167		North	DK	Funen	Brenderup	Odense	Vermeersch 2006		BOpr		5		8795	65	Ua-24133	humerus (*Bos primigenius*)		2						Degerbøl & Fredskild 1970
33	Flaadet		55,0102	10,8596		North	DK	Langeland			Google Earth 4 BETA		SUsc		5								7400 and 6600 BC	Maglemosean	zone V (Fredskild); light open coniferous woodland with grass and shrubs	Boreal		Møhl 1979
33	Flaadet		55,0102	10,8596		North	DK	Langeland			Google Earth 4 BETA		CLcl		5									Maglemosean	zone V (Fredskild); light open coniferous woodland with grass and shrubs	Boreal		Møhl 1979
33	Flaadet		55,0102	10,8596		North	DK	Langeland			Google Earth 4 BETA		CEel		5									Maglemosean	zone V (Fredskild); light open coniferous woodland with grass and shrubs	Boreal		Møhl 1979

33	Fiaadet		55,0102	10,8596		North	DK	Langeland			Google Earth 4 BETA		ALal	(ALal)	5									Maglemosean	zone V (Fredskild); light open coniferous woodland with grass and shrubs	Boreal		Mehl 1979
34	Bølling Sø		56,0100	9,2100		North	DK	Jutland	Silkeborg	Kragelund	Eurofauna Database		RGta		4	10540	80	K-7079	antler (reindeer)			1					also CEel and CAlu, but date around 3700 BP	Aaris-Sørensen et al. 2007
35	Kildeskoven		55,7500	12,5500	7	North	DK	Zealand	Gentofte	København	www.fallingrain.com/world/		ALal		3	11040	155	K-6123	bone (*Alces alces*)			1				Allerød		ZMUC archives
36	Gentofte (Adolfsvej)		55,7480	12,5500	15	North	DK	Zealand			Google Earth 4 BETA		ALal		3							11010 BC						Aaris-Sørensen 1998
37	Dyrehejgårds Mose		55,7000	11,1000		North	DK	Zealand	Rønsnæs		figure in Noe-Nygaard 1983		URar		5	u									zone VI (A. Andersen)			Noe-Nygaard 1983
38	Grundsømagle Nordmark		55,7000	12,1000		North	DK	Zealand			figure in Noe-Nygaard et al. 2005		BOpr		3	u	11060	390		bone (*Bos primigenius*)			11600-10400 cal BC				large standard deviation, no aurochs from Scandinavia before end of YD (Tietz 2005)	Noe-Nygaard et al. 2005
39	Veddelev Havn		55,6833	12,1000	14	North	DK	Zealand			www.fallingrain.com/world/		ALal		4								10720 BC			start of YD		Aaris-Sørensen 1998
40	Allerød Teglværk		55,5600	12,1900		North	DK	Zealand	Frederiksborg	Kathale Mose	Eurofauna Database		CAlu		4	10530	75	AAR-4172	bone (*Canis lupus*)			2	12.7-12.4 cal BP					Aaris-Sørensen 1977, pers. comm. 2006; in press (date)
40	Allerød Teglværk		55,5600	12,1900		North	DK	Zealand	Frederiksborg	Kathale Mose	Eurofauna Database		ALal		3										Jessen's zone I-III	Late Glacial		Hartz & Milthers 1901
40	Allerød Teglværk		55,5600	12,1900		North	DK	Zealand	Frederiksborg	Kathale Mose	Eurofauna Database		LMim	*taxon uncertain*	3										Jessen's zone I-III	Late Glacial		LM faecals
41	Store Tåstrup		55,5500	11,7167	39	North	DK	Zealand			www.fallingrain.com/world/		BOpr		5		9970	90		bone (*Bos primigenius*)								Noe-Nygaard 2005
42	Øgaarde		55,5100	11,3600		North	DK	Zealand		Holbæk	fig. in Aaris-Sørensen in press		LYy		5									Mesolithic	late Boreal			Aaris-Sørensen in press; Degerbøl 1943
43	Vig		55,5100	11,3600		North	DK	Zealand	Holbæk Amt		Eurofauna Database		BOpr		5		9510	115	OxA-3616	bone (*Bos*)		2	9000-8900 cal BC		zone IV, begin of last half			Terberger 2004; Fischer 1996; Degerbøl & Fredskild 1970
44	Køge Bugt	1	55,5000	12,3333		North	DK	Zealand		Copenhagen	Vermeersch 2006		RGta		2	12140	110	AAR-1036	antler (*Rangifer*)			2		unknown (Eriksen 2002); probably Hamburgian (Street & Baales 1999)		Meiendorf warming (Street & Baales 1999)	expansion of Hamburgian in direct response to Meiendorf warming (Street & Baales 1999)	Aaris-Sørensen et al. 2007; Clausen 1997; Fischer 1996; Street & Baales 1999; Petersen & Johansen 1993 (date); Eriksen 2002; Vermeersch 2006
44	Køge Bugt	2	55,5000	12,3333		North	DK	Zealand		Copenhagen	Vermeersch 2006		RGta		3	11290	160	K-4321	bone (*Rangifer*)			1						Aaris-Sørensen et al. 2007; Petersen & Johansen 1993; Vermeersch 2006
44	Køge Bugt	3	55,5000	12,3333		North	DK	Zealand		Copenhagen	Vermeersch 2006		RGta		4	10380	140	K-4322	bone (*Rangifer*)			1						Aaris-Sørensen et al. 2007; Petersen & Johansen 1993; Vermeersch 2006
44	Køge Bugt	off Mosede Havn	55,5000	12,3333		North	DK	Zealand		Copenhagen	Vermeersch 2006		MGgi		2	u	12005	65	OxA-10234	bone (*Megaloceros*)		2				harsh winter conditions (after Björck)	first MGgi reimmigrating Scandinavia after Weichselian glaciation, GI1e after Aaris-Sørensen & Liljegren 2004; but this is transition 1d/1c3!	Aaris-Sørensen & Liljegren 2004; Vermeersch 2006
44	Køge Bugt	off Solrød Strand	55,5000	12,3333		North	DK	Zealand		Copenhagen	Vermeersch 2006		CLcl		5		8980	110	AAR-4185	bone (*Capreolus*)		2						Aaris-Sørensen in press
44	Køge Bugt	off Solrød Strand	55,5000	12,3333		North	DK	Zealand		Copenhagen	Vermeersch 2006		LEti		2		12190	90	AAR-4177	bone (*Lepus timidus*)		2					FAD of LEti in DK	Aaris-Sørensen in press
44	Køge Bugt		55,5000	12,3333		North	DK	Zealand		Copenhagen	Vermeersch 2006		ALal		4		10740	140	K-4322			1	10720 BC					Aaris-Sørensen 1998; Casati et al. 2004; Petersen & Johansen 1993; Vermeersch 2006
45	Odshemred		55,5000	11,5000		North	DK	Zealand			missing		BOpr		4								10500 BP				hunting	Aaris-Sørensen 1998
46	Stokholttuse		55,5000	11,5000		North	DK	Zealand	Bjernede	Sorø	figure in Noe-Nygaard et al. 2005		BOpr		5		9655	110			Z.M.K. 1/1853				middle of zone IV (Fredskild 1964)	Preboreal		Noe-Nygaard 2005; Degerbøl & Fredskild 1970
47	Risbanke		55,4333	11,9833	37	North	DK	Zealand	Ringsted	Gørslev	www.fallingrain.com/world/		RGta		5		9180	80	K-7074	antler (*Rangifer*)		1					last RGta in DK	Aaris-Sørensen et al. 2007; Degerbøl & Krog 1959
48	Favrbo	Knold	55,4100	11,2500		North	DK	Zealand		Jyderup	Eurofauna Database		URar		3										Allerød (K. Jessen 1924)	Mid Balling-Allerød	one of oldest URar in Denmark, cf. Nørre Lyngby	Noe-Nygaard 1983; Aaris-Sørensen 1998
48	Favrbo	(Krudtmosen)	55,4100	11,2500		North	DK	Zealand	Sæmslev	Jyderup	Eurofauna Database		ALal		5		9610	130	K-2070	bone (*Alces*)		1	7660 BC; 8850-8430 BC		zone IV	Mid Balling-Allerød	one of oldest URar in Denmark, cf. Nørre Lyngby	Mehl 1978; Sørensen 1978; Aaris-Sørensen 1998
48	Favrbo	(Krudtmosen)	55,4100	11,2500		North	DK	Zealand	Sæmslev	Jyderup	Eurofauna Database				5		9540	150	K-2071	bone (*Alces*)		1	7590 BC; 8850-8430 BC		zone IV	Mid Balling-Allerød	one of oldest URar in Denmark, cf. Nørre Lyngby	Mehl 1978; Sørensen 1978; Aaris-Sørensen 1998
49	Prejlerup		55,4000	11,2500		North	DK	Zealand			Eurofauna Database		BOpr		5		8410	90			Z.M.K. 32/1983		7400 BC			Boreal		Aaris-Sørensen 1998; Noe-Nygaard et al. 2005
50	Baldersbrande		55,3900	12,0900		North	DK	Zealand	Roskilde		Eurofauna Database		BI		5										Bich-pine period: Zone IV	Preboreal		Degerbøl & Iversen 1945
51	Mosegården	III N	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		CSfi		5									Maglemosean		Boreal		Mehl 1985
51	Mosegården	III N	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		VUvu		5									Maglemosean		Boreal		Mehl 1985
51	Mosegården	III N	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		MArna		5									Maglemosean		Boreal		Mehl 1985
51	Mosegården	III N	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		SUsc		5									Maglemosean		Boreal		Mehl 1985
51	Mosegården	III N	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		CLcl		5									Maglemosean		Boreal		Mehl 1985
51	Mosegården	III N	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		CEel		5									Maglemosean		Boreal		Mehl 1985
51	Mosegården	III N	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		ALal		5									Maglemosean		Boreal		Mehl 1985
51	Mosegården	III N	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		BOpr		5									Maglemosean		Boreal		Mehl 1985
51	Mosegården	III Ø	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		CSfi		5									Kongemosean		Boreal		Mehl 1985
51	Mosegården	III Ø	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		LUlu		5									Kongemosean		Boreal		Mehl 1985
51	Mosegården	III Ø	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		FEsi		5									Kongemosean		Boreal		Mehl 1985
51	Mosegården	III Ø	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		SUsc		5									Kongemosean		Boreal		Mehl 1985
51	Mosegården	III Ø	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		CLcl		5									Kongemosean		Boreal		Mehl 1985
51	Mosegården	III Ø	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		CEel		5									Kongemosean		Boreal		Mehl 1985
51	Mosegården	III V	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		CSfi		5									Kongemosean		Boreal		Mehl 1985
51	Mosegården	III V	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		LUlu		5									Kongemosean		Boreal		Mehl 1985
51	Mosegården	III V	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		SUsc		5									Kongemosean		Boreal		Mehl 1985
51	Mosegården	III V	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		CLcl		5									Kongemosean		Boreal		Mehl 1985
51	Mosegården	III V	55,3700	11,3600		North	DK	Zealand	Aamose		Eurofauna Database		CEel		5									Kongemosean		Boreal		Mehl 1985
52	Hallenslev		55,3500	11,1800		North	DK	Zealand	Holbæk		Eurofauna Database		BOpr		5						Z.M.K. 37/1945					Boreal		ZMUC archives
53	Kongemose		55,3500	11,2400		North	DK	Zealand	Holbæk Amt		Eurofauna Database		ARte		5		8400	150	K-570			1	7480-7440 cal BC				Åmose basin; choice of representative dates	Noe-Nygaard 1995
53	Kongemose		55,3500	11,2400		North	DK	Zealand	Holbæk Amt		Eurofauna Database		CSfi		5		8830	100	K-571			1	7920 cal BC				Åmose basin; choice of representative dates	Noe-Nygaard 1995
53	Kongemose		55,3500	11,2400		North	DK	Zealand	Holbæk Amt		Eurofauna Database		FEsi		5		7840	140	K-1526			1	6610 cal BC				Åmose basin; choice of representative dates	Noe-Nygaard 1995
53	Kongemose		55,3500	11,2400		North	DK	Zealand	Holbæk Amt		Eurofauna Database		CAlufa	*Canis familiaris*	5		6820	120	K-1527			1	5670 cal BC				Åmose basin; choice of representative dates	Noe-Nygaard 1995
53	Kongemose		55,3500	11,2400		North	DK	Zealand	Holbæk Amt		Eurofauna Database		MArna		5												Åmose basin; choice of representative dates	Noe-Nygaard 1995
53	Kongemose		55,3500	11,2400		North	DK	Zealand	Holbæk Amt		Eurofauna Database		LUlu		5												Åmose basin; choice of representative dates	Noe-Nygaard 1995
53	Kongemose		55,3500	11,2400		North	DK	Zealand	Holbæk Amt		Eurofauna Database		CEel		5												Åmose basin; choice of representative dates	Noe-Nygaard 1995
53	Kongemose		55,3500	11,2400		North	DK	Zealand	Holbæk Amt		Eurofauna Database		CLcl		5												Åmose basin; choice of representative dates	Noe-Nygaard 1995
53	Kongemose		55,3500	11,2400		North	DK	Zealand	Holbæk Amt		Eurofauna Database		ALal		5												Åmose basin; choice of representative dates	Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		CEel		5		8140	100	K-2174	hazelnut shells		1		Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		CLcl		5		8030	140	K-1508	charcoal		1		Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		ALal		5		8050	140	K-1509	tinder fungus		1		Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		BOpr		5		8170	120	K-1507	wood		1		Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		SUsc		5									Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		CAlufa	*Canis familiaris*	5									Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		CSfi		5									Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		MArna		5									Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		MEme		5									Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		ARte		5									Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		MTpu		5									Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng Øst	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database		LUlu		5									Mesolithic (Maglemosean)			K-2174 from hut I, others hut II; Åmose basin	Richter 1982; Noe-Nygaard 1995
54	Ulkestrup	Lyng	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database				5		8370	130	K-2175			1					Åmose basin	Noe-Nygaard 1995
54	Ulkestrup	Lyng	55,3500	11,2400		North	DK	Zealand	Merløse District		Eurofauna Database				5		8110	100	K-2176			1					Åmose basin	Noe-Nygaard 1995
55	Ulvmose		57,4000	10,5000	0	North	DK	Jutland		Fredrikshavn	fig. in Aaris-Sørensen in press		EQ	*Equus ferus*	4		10010	170	K-5748			1						Aaris-Sørensen in press
56	Ærtebjerggård		55,3000	12,0000		North	DK	Zealand			figure in Aaris-Sørensen & Liljegren 2004		MGgi		3		11875	70	OxA-10235	bone (*Megaloceros*)		2						Aaris-Sørensen & Liljegren 2004
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		LEeu		5						Z.M.K. 23/1900		6700-6400 BC	Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		SCvu		5									Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		CSfi		5									Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		CAlufa	*Canis familiaris*	5									Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		VUvu		5									Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		URar		5									Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		MArna		5									Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		MEme		5									Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		FEsi		5									Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		SUsc		5									Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		CLcl		5									Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		CEel		5									Maglemosean		Boreal		Mehl 1979
57	Mullerup		55,3000	11,1300		North	DK	Zealand			Eurofauna Database		BOpr		5									Maglemosean		Boreal		Mehl 1979
57	Mullerup	Telværksgrav	55,3000	11,1300		North	DK	Zealand	Dræsselbjerg	Holbæk	Eurofauna Database		RGta		3										zone III			ZMUC archives
58	Bromme	old cultural layer	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		GUgu		3											Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	old cultural layer	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		ALal		3											Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	old cultural layer	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		RGta		3											Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	old cultural layer	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		CSfi		3											Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	old cultural layer	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		CLcl	*taxon uncertain*	3											Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	unsure	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		ALal		3	u										Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	unsure	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		CEel		3	u										Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	unsure	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		EQ	*Equus caballus*	3	u										Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	unsure	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		SUsc		3	u										Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	unsure	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		CSfi		3	u										Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	younger layer "Tørven"	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		CEel		3											Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	younger layer "Tørven"	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		CLcl	*taxon uncertain*	3											Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme	younger layer "Tørven"	55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database		BOta	*Bos taurus domesticus*	3											Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
58	Bromme		55,2900	11,3200		North	DK	Zealand	Sorø Amt		Eurofauna Database				3		10720	90	AAR-4539	bone		2		Brommean		Allerød, maybe continuing into YD; ALal until Allerød		Degerbøl 1946; Terberger et al. 2004; Eriksen 2002; Heinemeier & Rud 2000
59	Fensmark (Skydebane)		55,2833	11,8167		North	DK	Zealand	Fensmark		Vermeersch 2006		CEel		3		10810	120	OxA-3614	charcoal		2		Brommean			late palaeolithic with mesolthic/neolithic (BOta) admixture	Eriksen 2002; Fischer 1996; Vermeersch 2006

59	Fensmark (Skydebane)		55,2833	11,8167		North	DK	Zealand	Fensmark		Vermeersch 2006		BOta		3								Brommean				late palaeolithic with mesolthic/neolithic (BOta) admixture	Eriksen 2002; Fischer 1996; Vermeersch 2006
60	Maglemose	111	55,2500	11,2400		North	DK	Zealand	Holbæk Amt		Eurofauna Database		BOpr		5	8625	60		bone			7600 cal BC						Noe-Nygaard et al. 2005
60	Maglemose		55,2500	11,2400		North	DK	Zealand	Holbæk Amt		Eurofauna Database		CLcl		5											Boreal		Jensen 1991
61	Bisserup		55,2000	11,5000	0	North	DK	Zealand			www.fallingrain.com/world/		BOpr		5	8150	70		bone (*Bos primigenius*)			7125 cal BC						Noe-Nygaard et al. 2005
62	Flademosen		55,2000	11,5000		North	DK	Zealand		Holsteinborg	figure in Aaris-Sørensen & Liljegren 2004		MGgi		3	10870	110	K-5657	bone (*Megaloceros*)		1							Aaris-Sørensen 1998; Aaris-Sørensen & Liljegren 2004
63	Rønnebæksholm		55,2000	11,8000		North	DK	Zealand			figure in Noe-Nygaard et al. 2005		BOpr		5	8350	80		bone (*Bos primigenius*)	Z.M.K. 12/1857						Boreal		Noe-Nygaard et al. 2005
64	Holmegård	Mose	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		CAlu		5									Jessen's zone V-VI		Boreal		Aaris-Sørensen 1977
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		EReu		5	7980	70	Ka-6998	bone (*Canis familiaris*)		1		Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		CSfi		5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		FEsi		5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		VUvu		5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		CAlufa	*Canis familiaris*	5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		MAma		5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		MEme		5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		LUlu		5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		CLcl		5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		CEel		5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		ALal		5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		BOpr		5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	I	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		SUsc		5								Maglemosean					ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	Glasværk, probably V	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		CSfi		5	8580	60	Ka-6999	bone (*Canis familiaris*)		1							ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	Glasværk, probably V	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		CAlufa	*Canis familiaris*	5													ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	Glasværk, probably V	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		VUvu		5													ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	Glasværk, probably V	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		URar		5													ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	Glasværk, probably V	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		SUsc		5													ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	Glasværk, probably V	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		CLcl		5													ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	Glasværk, probably V	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		CEel		5													ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	Glasværk, probably V	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		ALal		5													ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	Glasværk, probably V	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		BOpr		5													ZMUC archives; Noe-Nygaard 1983 (URar)
64	Holmegård	Glasværk, probably V	55,1700	11,4900		North	DK	Zealand	Præste		Eurofauna Database		EQ	(E)Qca)	5													ZMUC archives; Noe-Nygaard 1983 (URar)
65	Trollesgave	refuse layer	55,1167	12,0500	23	North	DK	Zealand	Fensmark	Præste	www.fallingrain.com/world/				3	11070	120	K-2641	charcoal		1		Brommean					Eriksen 2002; Fischer 1996
65	Trollesgave	refuse layer	55,1167	12,0500	23	North	DK	Zealand	Fensmark	Præste	www.fallingrain.com/world/				3	11100	160	K-2509	charcoal		1		Brommean					Eriksen 2002; Fischer 1996
65	Trollesgave		55,1167	12,0500	23	North	DK	Zealand	Fensmark	Præste	www.fallingrain.com/world/		ARV	LMlm/Mlra?	3								late palaeolithic			late Allerød		ZMUC archives
65	Trollesgave		55,1167	12,0500	23	North	DK	Zealand	Fensmark	Præste	www.fallingrain.com/world/		CEel	taxon uncertain	3								late palaeolithic			late Allerød		ZMUC archives
65	Trollesgave		55,1167	12,0500	23	North	DK	Zealand	Fensmark	Præste	www.fallingrain.com/world/		ALal	taxon uncertain	3								late palaeolithic			late Allerød		ZMUC archives
66	Hunstrup Mose		55,1000	11,5200		North	DK	Zealand	Præste	Naestved	Eurofauna Database		CAlu		5								Maglemosean	Jessen's zone V-VI		Boreal		Aaris-Sørensen 1977
67	Lundby	1	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		ALal		5	9930	70	AAR-5470	bone (*Alces aces*)		2	9600-9280 BC	Mesolithic	Preboreal			oldest Mesolithic dates from DK	Hansen et al. 2004
67	Lundby	2	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		ALal		5	9950	75	AAR-5469	bone (*Alces aces*)		2	9600-9280 BC	antler adze: Maglemosean	Preboreal			oldest Mesolithic dates from DK	Hansen et al. 2004
67	Lundby	3	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		ALal		5	9860	70	AAR-5471	bone (*Alces aces*)		2	9350-9250 BC	microlithic point in sternum	Preboreal			oldest Mesolithic dates from DK	Hansen et al. 2004
67	Lundby		55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		SUsc		5									Preboreal (I. Sørensen)	SUsc and CEel from Lundby Mose together with dated ALal			ZMUC archives
67	Lundby		55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CEel		5									Preboreal (I. Sørensen)	SUsc and CEel from Lundby Mose together with dated ALal			ZMUC archives
67	Lundby		55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		BOpr		5					Z.M.K. 3/1930						Boreal		Schulz pers. comm.
67	Lundby	I	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		URar		5								Maglemosean	Jessen'z zone V-VI		Boreal		Noe-Nygaard 1983
67	Lundby	I	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CAlu		5								Maglemosean	Jessen'z zone V-VI		Boreal		Aaris-Sørensen 1977
67	Lundby	I	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		MEme		5								Maglemosean	Zone V		Boreal		ZMUC archives
67	Lundby	I	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		MTpu		5								Maglemosean	Zone V		Boreal		ZMUC archives
67	Lundby	I	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CSfi		5								Maglemosean	Zone V		Boreal		ZMUC archives
67	Lundby	I	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		FEsi		5								Maglemosean	Zone V		Boreal		ZMUC archives
67	Lundby	I	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		HOsa	*Homo sapiens sapiens*	5								Maglemosean	Zone V		Boreal		ZMUC archives
67	Lundby	I	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CLcl		5											Boreal		Jensen 1991
67	Lundby	II	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		URar		5								Maglemosean					Noe-Nygaard 1983
67	Lundby	II	55,0700	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CLcl		5													Jensen 1991
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		SCvu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CSfi		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		ARte		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CAlu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CAlufa	*Canis familiaris*	5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		URar		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		MAma		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		MEme		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		LUlu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		FEsi		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		SUsc		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CLcl		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CEel		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		ALal		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area A	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		BOpr		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CSfi		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CAlu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CAlufa	*Canis familiaris*	5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		VUvu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		URar		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		MAma		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		MEme		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		LUlu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		SUsc		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CLcl		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CEel		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		ALal		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		BOpr		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area B	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		HOsa		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		EReu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		SCvu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CSfi		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		ARte		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CAlu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		VUvu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		MAma		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		MTpu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		MEme		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		LUlu		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		FEsi		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		SUsc		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CLcl		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CEel		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		ALal		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		BOpr		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	I-1943 Area C	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		HOsa		5									second half zone VI after Jørgensen; zone VI after Sørensen; early Atlantic				Aaris-Sørensen 1976, 1977, in press
68	Sværdborg	II-1946	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CSfi		5								Maglemosean					Rosenlund 1971
68	Sværdborg	II-1946	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		MAma		5								Maglemosean					Rosenlund 1971
68	Sværdborg	II-1946	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		MEme		5								Maglemosean					Rosenlund 1971
68	Sværdborg	II-1946	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		LUlu		5								Maglemosean					Rosenlund 1971
68	Sværdborg	II-1946	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		SUsc		5								Maglemosean					Rosenlund 1971

68	Sværdborg	II-1946	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CLcl		5								Maglemosean					Rosenlund 1971
68	Sværdborg	II-1946	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		CEel		5								Maglemosean					Rosenlund 1971
68	Sværdborg	II-1946	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		ALal		5								Maglemosean					Rosenlund 1971
68	Sværdborg	II-1946	55,0600	11,5300		North	DK	Zealand	Præste		Eurofauna Database		BOpr		5								Maglemosean					Rosenlund 1971
69	Kamsmose		55,0000	12,5000		North	DK	Møn			figure in Noe-Nygaard 1983		URar		5	u								Boreal ?				Noe-Nygaard 1983
70	Langelandsbælt	coast of Albuen	54,8333	11,1500		North	DK	Lolland	Søndernor	Nakskov	www.fallingrain.com/world/		MGgi		3		11800	90	AAR-4566	antler (*Megaloceros*)		2						Aaris-Sørensen & Liljegren 2004
71	Sølbjerg	I	54,7700	11,0300		North	DK	Lolland	Maribo Amt		Eurofauna Database		RGta		4								Ahrensburgian					Petersen & Johansen 1991
72	Grænge Mose	A	54,7667	11,7667	9	North	DK	Lolland		Grænge	www.fallingrain.com/world/		BOpr		5						Z.M.K. 83/1942				Preboreal			ZMUC archives
72	Grænge Mose	B	54,7667	11,7667	9	North	DK	Lolland		Grænge	www.fallingrain.com/world/		BOpr		5						Z.M.K. 84/1944				transition Preboreal-Boreal			ZMUC archives
72	Grænge Mose		54,7667	11,7667	9	North	DK	Lolland		Grænge	www.fallingrain.com/world/		BOpr		5		9830	60		bone (*Bos primigenius*)		9268 cal BC						Noe-Nygaard et al. 2005
73	Skottemarke	butchering dump	54,7019	11,5561		North	DK	Lolland	Fuglse	Maribo	Google Earth 4 BETA		ALal		5		9400	140	K-2075	bone (*Alces*)		1	7450 BC	Mesolithic	zone IV; Preboreal	Preboreal		Mahl 1978; Fischer 1996; Sørensen 1978
73	Skottemarke	butchering dump	54,7019	11,5561		North	DK	Lolland	Fuglse	Maribo	Google Earth 4 BETA		CEel		5												mentioned together with dated elk	ZMUC archives
73	Skottemarke	culture layer	54,7019	11,5561		North	DK	Lolland	Fuglse	Maribo	Google Earth 4 BETA				5		9570	100	OxA-4864	mammal bone		2		Mesolithic				Fischer 1996
73	Skottemarke	culture layer	54,7019	11,5561		North	DK	Lolland	Fuglse	Maribo	Google Earth 4 BETA				5		9310	90	OxA-5528	mammal bone		2		Mesolithic				Fischer 1996
74	Overgaards Mergelleje		55,8000	9,5000		North	DK	Jutland		Vejle	fig. in Aaris-Sørensen in press		LEti		5		9910	65	AAR-4176	bone (*Lepus timidus*)		2	11.4-11.2 ka cal BP				LAD of LEti in Denmark	Aaris-Sørensen in press
74	Overgaards Mergelleje		55,8000	9,5000		North	DK	Jutland		Vejle	fig. in Aaris-Sørensen in press		MEme		5		9965	60		bone (*Meles meles*)		2	11.6-11.3 ka cal BP				LAD of LEti in Denmark	Aaris-Sørensen in press
75	Edared		57,4667	12,4500		North	SWE	Scania			Fredén 1984; transdat 11.07	x	RGta		3		11256	100	St 2470	antler (*Rangifer*)		1						Fredén 1984
76	Bönnarps Mosse		57,1833	12,3667	83	North	SWE	Scania		Malmö	www.fallingrain.com/world/		MGgi		3		11490	105	Lu-945	bone (*Megaloceros*)		2		*Pinus, Betula nana, Chenopodium, Artemisia* (R. Liljegren)			first MGgi in S Sweden; delay due to seaway of öresund?	Aaris-Sørensen & Liljegren 2004
77	Stora Slågarp		56,2300	12,5000		North	SWE	Scania		Malmö/Trelleborg	Eurofauna Database		MGgi		3		11405	60	OxA-10194	antler (*Megaloceros*)		2						Aaris-Sørensen & Liljegren 2004
77	Stora Slågarp		56,2300	12,5000		North	SWE	Scania		Malmö/Trelleborg	Eurofauna Database		Bibo	*Bison bonasus arbutotuntrarum*	5								7500-6750 BC		zone VIII-VII; "Kiefern-Birkenwälder" with*Corylus*	first half of "Ancyluszeit"		Biboar ceases when vegetation changes to "Erle und Eichenmischwald" and BOpr increases	Isberg 1949b
77	Stora Slågarp		56,2300	12,5000		North	SWE	Scania		Malmö/Trelleborg	Eurofauna Database		BOpr		5		8330	80	Ua-1963	bone?		2						Ekström 1993; Ekman 1972
78	Gullåkra Mosse	bog	55,6500	13,2000	12	North	SWE	Scania	Kristianstads Län	Lund	www.fallingrain.com/world/		BOpr		5		8870	120	Ua-1749	bone (*Bos primigenius*)	Lzz 3309	2		zone VIII/VII				Ekström 1993
78	Gullåkra Mosse	bog	55,6500	13,2000	12	North	SWE	Scania	Kristianstads Län	Lund	www.fallingrain.com/world/				5		8720	80	Lu-2974	bone (*Bos primigenius*)	Lzz 3359	2		zone VIII/VII				Ekström 1993
79	Assartorp		55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		BOpr		4		10120	120	Lu-3236	bone (*Bos primigenius*)		2					*osteometry of skull of this male BOpr indicates an age older than Holocene*	Benecke 2002; Tietz 2005; Aaris-Sørensen 1999; Ekström 1993
80	Hässleberga	H:1	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		LEti		3	u	10640	120	LuA-4494	bone (*Rangifer*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	only find of APla in Sweden and earliest EQfe; transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:1	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		APla		3	u	10920	140	LuA-4491	bone (*Rangifer*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	only find of APla in Sweden and earliest EQfe; transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:1	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		CER		3	u	11300	140	LuA-4492	bone (*Rangifer*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	only find of APla in Sweden and earliest EQfe; transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:1	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		ALal		3	u	11390	90	Ua-3296	antler (*Rangifer*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	only find of APla in Sweden and earliest EQfe; transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:1	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		RGta		3		11410	130	LuA-4489	bone (*Rangifer*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	only find of APla in Sweden and earliest EQfe; transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:1	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		EQ	*Equus ferus*	3		11180	95	Ua-3293	bone (*Equus*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	only find of APla in Sweden and earliest Equus ferus; transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:1	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		EQ	*Equus ferus*	4		10725	110	Ua-4763	bone (*Equus*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	only find of APla in Sweden and earliest EQfe; transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:1	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		RGta		4		10055	80	Ua-3295	bone (*Rangifer*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	only find of APla in Sweden and earliest EQfe; transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:1	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/				5		10200	130	LuA-4495	bone (*Rangifer*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	only find of APla in Sweden and earliest EQfe; transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:1	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/				5		10265	140	Ua-3294	bone (*Rangifer*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	only find of APla in Sweden and earliest EQfe; transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:1	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/				5		10580	140	LuA-4490	bone (*Rangifer*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	only find of APla in Sweden and earliest EQfe; transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:2	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		ALal		3		11040	130	LuA-3969	bone (*Alces*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:2	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		EQ	*Equus ferus*	3		11190	100	Ua-3969	bone (*Equus*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:2	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		CER		4	u	10450	140	LuA-4496	bone (*Rangifer*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:2	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		RGta		4		10770	150	LuA-4493	bone (*Rangifer*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:2	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/		EQ	*Equus ferus*	4		10495	95	Ua-4764	bone (*Equus*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:2	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/				4		10510	95	Ua-4765	bone (*Equus*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	H:2	55,5833	13,3167	40	North	SWE	Scania			www.fallingrain.com/world/				4		10610	130	LuA-4497	bone (*Equus*)		2	Late Palaeolithic (Bromme? Ahrensburgian?)			Alerød/YD transition, middle of YD and YD/Preboreal	transition time slices 3 to 4; three groups of dates within it (Larsson et al. 2002); four more kettleholes with same faunal elements but also HOsa in H:3	Larsson et al. 2002
80	Hässleberga	bog	55,5833	13,3167	40	North	SWE	Scania		Genarp	www.fallingrain.com/world/		BOpr		5		8260	100	St-13051	burnt log		1		zoneVIII				Ekström 1993
81	Agerød	1B	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		8000	800	Lu-873	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1B	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		8020	800	Lu-599	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1B	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7960	800	Lu-698	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1D	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7940	800	Lu-751	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1D	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7630	800	Lu-760	bone		2	Mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1D	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7780	800	Lu-991	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1HC	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		8000	800	Lu-994	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1HC	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7970	800	Lu-875	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1HC	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7770	800	Lu-874	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1HC	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7810	800	Lu-1006	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1HC	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7870	800	Lu-993	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1HC	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7710	800	Lu-755	bone		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1HC	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7820	900	Lu-1499	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1HC	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7860	800	Lu-754	charcoal		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1HC	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7740	800	Lu-752	charcoal, nut		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1HC	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7880	850	Lu-871	bone		2	Mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	1HC	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database				5		7910	800	Lu-753	charcoal, nut		2	early mesolithic [late Maglemosian]					Vermeersch 2006
81	Agerød	I:B, layer 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CEel		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		SUsc		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		EQ	*Equus przewalskii f. caballus*	5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		BOpr		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		ALal		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CLcl		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CEel		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		SUsc		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		FEsi		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		MEme		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		URar		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		VUvu		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CSfi		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		ARte		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 2	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CAlufa		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:B, layer 3	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		SUsc		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		BOpr		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		ALal		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CLcl		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CEel		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		SUsc		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		MEme		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		URar		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CSfi		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D 1	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CAlufa		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D-site	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		BOpr		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D-site	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		ALal		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D-site	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CLcl		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D-site	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CEel		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D-site	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		SUsc		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D-site	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		MEme		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D-site	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		MAma		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D-site	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		URar		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerød	I:D-site	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CSfi		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006

81	Agerröd	I.D-site	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CAlufa		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerröd	V	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CLcl		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerröd	V	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		ALal		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerröd	V	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		CEel		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerröd	V	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		SUsc		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerröd	V	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		MArna		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerröd	V	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		LUlu		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerröd	V	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		ARte		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerröd	V	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		AMsy		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
81	Agerröd	V	55,5500	13,3300		North	SWE	Scania		Malmöhus	Eurofauna Database		NEfo		5								Mesolithic					Lepiksaar 1978; Vermeersch 2006
82	Esperöd	Espernds Mosse bog, NW corner	55,5500	13,9500	60	North	SWE	Scania	Böringe Kloster	Tomellilla	www.fallingrain.com/world/		BOpr		5	8200	110	Ua-1957	skull (*Bos primigenius*)	02D3g	2			zone IX				Ekström 1993: Isberg 1962
82	Esperöd	peat bog	55,5500	13,9500	60	North	SWE	Scania	Böringe Kloster	Tomellilla	www.fallingrain.com/world/		BOpr		5	8660	130	Ua-2154	tibia (*Bos primigenius*)	02D6d	2			zone VII			NW railway station Esperöd	Ekström 1993: Isberg 1962
83	Lockarp		55,5333	13,0333	108	North	SWE	Scania			www.fallingrain.com/world/		MMpr		1	13360	95	Lu-796	tusk (*Mammuthus*)		2						very first occurrence of *Mammuthus* after deglaciation	Aaris-Sørensen 2006 (Berglund et al. 1976); Fredén 1984
83	Lockarp		55,5333	13,0333	108	North	SWE	Scania			www.fallingrain.com/world/				1	13090	120	Lu-796:2	same specimen as Lu-796		2						very first occurrence of *Mammuthus* after deglaciation	Fredén 1984
83	Lockarp		55,5333	13,0333	108	North	SWE	Scania			www.fallingrain.com/world/				1	13260	110	Lu-865	same specimen as Lu-796		2						very first occurrence of *Mammuthus* after deglaciation	Fredén 1984
84	Töringe		55,5167	13,1333	29	North	SWE	Scania			www.fallingrain.com/world/		MGgi		3	11490	105											Kaiser et al. 1999 (Liljegren 1975)
85	"sikänsk torvmosse"		55,5000	13,2000		North	SWE	Scania			missing		MEme		5							7500-6750 BC		scanian zone VIII (Nilsson 1935); Ancylus time			corresponds to age of MEme finds from Zealand; smaller individuals than recent ones: immigration of MEme over landbridge from DIDK during Yoldia time	Isberg 1949a
86	Vesum		55,5000	13,3300	46	North	SWE	Scania	Böringe Kloster		www.fallingrain.com/world/		BOpr		5									zone IX/VIII after Nilsson 1935				Isberg 1962
87	Östra Grevie		55,4667	13,1333	44	North	SWE	Scania		Malmö	www.fallingrain.com/world/		MGgi		3	10900	100	Ua-3547	antler (*Megaloceros*)		2			early Allerød (Berlin & Mohrén 1942)				Aaris-Sørensen & Liljegren 2004
88	Önnarp	nr 11	55,4500	13,4333	49	North	SWE	Scania		Önnarp	www.fallingrain.com/world/		BOpr		5	9100	140	Ua-1746	bone (*Bos primigenius*)	Lzz 3294	2			zone VIII after Nilsson 1935			near church of Önnarp	Ekström 1993; Isberg 1962
89	Sjörups torvmosse		55,4500	13,6500	69	North	SWE	Scania		Ystad	www.fallingrain.com/world/		BIbo	*Bison bonasus arbutotuntrarum*	5							7500-6750 BC		zone VIII-VII; "Kiefern-Birkenwälder" with*Corylus*	first half of "Ancyluszeit"		BIboar ceases when vegetation changes to "Erle und Eichenmischwald" and BOpr increases	Isberg 1949b
90	Bjersjöholm		55,4167	13,8167	0	North	SWE	Scania		Ystad	www.fallingrain.com/world/		BIbo	*Bison bonasus arbustotuntrarum*	5							7500-6750 BC		zone VIII-VII; "Kiefern-Birkenwälder" with*Corylus*	first half of "Ancyluszeit"		BIboar ceases when vegetation changes to "Erle und Eichenmischwald" and BOpr increases	Isberg 1949b
91	Svarte Mosse		55,4167	13,7167	0	North	SWE	Scania	Lund	Örås/Askeröd	www.fallingrain.com/world/		BOpr		5	8830	120	Ua-2153	bone ?		2			zone VIII (transition to VII)				Ekström 1993; Isberg 1962
92	Hindby Mosse		55,3400	12,5900		North	SWE	Scania		Malmö	Eurofauna Database		MGgi		3	11330	110	Lu-824	antler (*Megaloceros*)		2							Aaris-Sørensen & Liljegren 2004
93	Ugglarp		55,2800	13,1500		North	SWE	Scania	Malmö	Almedal	Eurofauna Database		URar	*Ursus arctos arctos*	5	9355	130	Ua-1287	phalanx (*Ursus arctos*)		2			Preboreal; open birch forest, rich flora	no hard hibernating conditions for bears		no size decrease in bears from Preboreal to Subboreal; unlikely from end of Weichselian to today; metrical measurements: same subspecies as recent Scandinavian bears	Iregren et al. 1990
94	Stågarp		55,2700	13,1000		North	SWE	Scania		Trelleborg	Eurofauna Database		BOpr		5										first half of Boreal		small Urus female, large teeth, however: locality 10 km N of Trelleborg	Ekman 1972
95	Fosie		35,3400	13,0000		North	SWE	Scania			Eurofauna Database		MGgi		3	11330	110	unknown	bone (*Megaloceros giganteus*)				A Palaeolithic, C Final			Allerød	almost identical to Lüdersdorf	Stuart 1991
96	Pellegård		55,2167	14,7500	94	North	DK	Bornholm	Nørre	Rutsker	www.fallingrain.com/world/		RGta		3	11650	120	K-4857	antler (*Rangifer*)		1							Aaris-Sørensen et al. 2007
97	Klemensker		55,1667	14,8167	104	North	DK	Bornholm			www.fallingrain.com/world/		RGta		4	10780	145	K-4877	antler (*Rangifer*)		1							Aaris-Sørensen et al. 2007
98	Ølene		55,1333	15,0333	77	North	DK	Bornholm	Øster	Øster-Marie	www.fallingrain.com/world/		ALal		5	9070	130	K-4403	bone (*Alces*)		1	8250 BC						Aaris-Sørensen & Vensild 1996
98	Ølene		55,1333	15,0333	77	North	DK	Bornholm	Øster	Øster-Marie	www.fallingrain.com/world/		CEel		5	9270	130	K-4879	bone (*Cervus*)		1						oldest CEel from Bornholm	Aaris-Sørensen & Vensild 1996; Aaris-Sørensen in press
99	Bornholm		55,1000	14,7000		North	DK	Bornholm			www.fallingrain.com/world/		ALal		5							8040 cal BC		Preboreal			youngest elk from Bornholm	Aaris-Sørensen 1998
100	Lindegård		55,1000	14,8000		North	DK	Bornholm			figure in Aaris-Sørensen et al. 2007		RGta		5	9800	135	K-4873	antler (*Rangifer*)		1							Aaris-Sørensen et al. 2007
100	Lindegård		55,1000	14,8000		North	DK	Bornholm			figure in Aaris-Sørensen et al. 2007		ALal		5												same as the "Bornholm" specimen???	ZMUC archives
101	Strangegård		55,0000	15,0000		North	DK	Bornholm			figure in Aaris-Sørensen et al. 2007		RGta		4	10050	130	K-4871	antler (*Rangifer*)		1							Aaris-Sørensen et al. 2007
102	Klappholz	LA 56	54,6167	9,5500	52	North	D	SH	Kr. Schleswig-Flensburg		www.fallingrain.com/world/		RGta		3	11560	110	AAr-2785			2	11690-11400						Clausen 2004
103	Ahrenshöft	LA 58 D	54,5656	9,1100	3	North	D	SH			Google Earth 4 BETA				2	12030	60	AAR-2784	charcoal		2		Havelte					Clausen 1997
103	Ahrenshöft	LA 73	54,5643	9,1096	3	North	D	SH			Google Earth 4 BETA				2	12200	60	KIA-3605			2		Havelte					Terberger et al. 2004
104	Alt Duvenstedt	LA 120 B	54,3600	9,6450	6	North	D	SH			Google Earth 4 BETA		CSfi		3	11780	110	AAR-2244			2		Federmesser				absence of big game	Clausen 2004; Clausen 1996
104	Alt Duvenstedt	LA 120 B	54,3600	9,6450	6	North	D	SH			Google Earth 4 BETA		APveVU	*Vulpes*	3												absence of big game	Clausen 1996
104	Alt Duvenstedt	LA 120 B	54,3600	9,6450	6	North	D	SH			Google Earth 4 BETA		LE		3												absence of big game	Clausen 1996
104	Alt Duvenstedt	LA 121	54,3600	9,6450	6	North	D	SH			Google Earth 4 BETA		CSfi	"beaver, fox hare"	3	u	10770	60	AAR-2245-2	charcoal	2		Ahrensburgian culture				very early YD, author favours dating of Ahrensburgian to Allerød	Clausen 2004
104	Alt Duvenstedt	LA 121	54,3600	9,6450	6	North	D	SH			Google Earth 4 BETA		APveVU	"beaver, fox hare"	3	u					2						very early YD, author favours dating of Ahrensburgian to Allerød	Clausen 2004
104	Alt Duvenstedt	LA 121	54,3600	9,6450	6	North	D	SH			Google Earth 4 BETA		LE	"beaver, fox hare"	3	u					2						very early YD, author favours dating of Ahrensburgian to Allerød	Clausen 2004
104	Alt Duvenstedt	LA 121	54,3600	9,6450	6	North	D	SH			Google Earth 4 BETA		RGta	(RGta)	3		10810	80	AAR-2245-1	charcoal	2		Ahrensburgian culture				very early YD, author favours dating of Ahrensburgian to Allerød	Clausen 2004
104	Alt Duvenstedt	LA 123	54,3600	9,6450	6	North	D	SH			Google Earth 4 BETA		CSfi	"beaver, fox hare"	3		11060	110										Clausen 2004
104	Alt Duvenstedt	LA 123	54,3600	9,6450	6	North	D	SH			Google Earth 4 BETA		APveVU	"beaver, fox hare"	3													Clausen 2004
104	Alt Duvenstedt	LA 123	54,3600	9,6450	6	North	D	SH			Google Earth 4 BETA		LE	"beaver, fox hare"	3													Clausen 2004
105	Theresienhof		54,1000	10,2600		North	D	SH	Plön		Eurofauna Database		MGgi		5	u								Preboreal	Allerød ?		find could not be located and thus not dated by means of radiocarbon dating	Benecke & Heinrich 2003; Guenther 1960; Stuart et al. 2004
106	Lübeck-Schlutup		53,8833	10,8000	19	North	D	SH			www.fallingrain.com/world/		MGgi		3										Allerød ?			Benecke & Heinrich 2003
107	Lüdersdorf		53,8333	10,8167	17	North	D	SH	Kr. Grevesmühlen		www.fallingrain.com/world/		MGgi		3		11600	105	OxA-3615	modified bone and antler (*Megaloceros*)		2	13820-13430 cal BP	Brommean or Federmesser	Allerød			Görsdorf & Kaiser 2001; Benecke 2000; Bratlund 1993; Hedges et al. 1993
108	Duvensee	2	53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/				5		9420	130	Ki-1844.01			1	9150-8450 BC	Early Mesolithic				Sørensen & Sternke 2004; Bokelmann et al. 1981
108	Duvensee	2	53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/				5		9280	100	Ki-1844.02			1	8690-8330 BC	Early Mesolithic				Sørensen & Sternke 2004; Bokelmann et al. 1981
108	Duvensee	6	53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/				5		9300	180	Ki-1110			1	8790-8280 BC	Early Mesolithic				Sørensen & Sternke 2004; Bokelmann et al. 1981
108	Duvensee	6	53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/				5		9100	130	Ki-1111			1	8550-8000 BC	Early Mesolithic				Sørensen & Sternke 2004; Bokelmann et al. 1981
108	Duvensee	8	53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/				5		9640	100	Ki-1818			1	9220-8810 BC	Early Mesolithic				Sørensen & Sternke 2004; Bokelmann et al. 1981
108	Duvensee	8	53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/				5		9410	110	Ki-1819			1	9150-8450 BC	Early Mesolithic				Sørensen & Sternke 2004; Bokelmann et al. 1981
108	Duvensee	9	53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/				5								9203-8489 BC	early Mesolithic				Terberger 2004; Bokelmann et al. 1981
108	Duvensee	9	53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/				5								9098-8654 BC	early Mesolithic				Terberger 2004; Bokelmann et al. 1981
108	Duvensee	9	53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/				5								9041-8713 BC	early Mesolithic				Terberger 2004; Bokelmann et al. 1981
108	Duvensee	13	53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/				5													Stapert 2004; Bokelmann et al. 1985
108	Duvensee		53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/		CSfi		5								ca. 7000 BC	Maglemosean				Mahl 1979
108	Duvensee		53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/		CAlufa	(*Canis familiaris*)	5									Maglemosean				Mahl 1979
108	Duvensee		53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/		SUsc		5									Maglemosean				Mahl 1979
108	Duvensee		53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/		CLcl		5									Maglemosean				Mahl 1979
108	Duvensee		53,7000	10,5667	38	North	D	SH		Duvensee	www.fallingrain.com/world/		CEel		5									Maglemosean				Mahl 1979
109	Klein Nordende	Allerød layer	53,7000	9,6000		North	D	SH	Kr. Pinneberg		ArcView GIS 3.2		ALal		3		11340	60	KIA-3332	fish		2						Benecke & Heinrich 2003; Heinrich 1983
109	Klein Nordende	Allerød layer	53,7000	9,6000		North	D	SH	Kr. Pinneberg		ArcView GIS 3.2				3		11180	70	KIA-4164	fish		2						Benecke & Heinrich 2003; Heinrich 1983
109	Klein Nordende	D, -2-2 m	53,7000	9,6000		North	D	SH	Kr. Pinneberg		ArcView GIS 3.2		ALal		3		11035	50	KIA33951	femur (*Alces alces*)		2	cal BC 11121 - 10931					Riede et al. in prep.
109	Klein Nordende	CR	53,7000	9,6000		North	D	SH	Kr. Pinneberg		ArcView GIS 3.2		ALal		3		12035	110	KI-2124	wood		1		Federmesser	pre-Allerød context		earliest Federmesser settlement in N Germany	Clausen 1997; Eriksen 2002; Street & Baales 1999; Benecke & Heinrich 2003; Heinrich 1983; Bokelmann et al. 1983
109	Klein Nordende	CR	53,7000	9,6000		North	D	SH	Kr. Pinneberg		ArcView GIS 3.2		RGta		3		11990	100	KI-2152	wood		1		same horizon (s. a.) but no cultural assocoation	pre-Allerød context		earliest Federmesser settlement in N Germany	Clausen 1997; Eriksen 2002; Street & Baales 1999; Benecke & Heinrich 2003; Heinrich 1983; Bokelmann et al. 1983
109	Klein Nordende	CR	53,7000	9,6000		North	D	SH	Kr. Pinneberg		ArcView GIS 3.2		LE		3										pre-Allerød context		earliest Federmesser settlement in N Germany	Clausen 1997; Eriksen 2002; Street & Baales 1999; Benecke & Heinrich 2003; Heinrich 1983; Bokelmann et al. 1983
109	Klein Nordende		53,7000	9,6000		North	D	SH	Kr. Pinneberg		ArcView GIS 3.2		RGta		4										YD layer			Benecke 2004; Benecke & Heinrich 2003; Heinrich 1983
110	Nahe		53,7000	10,0000		North	D	SH	Kr. Segeberg		ArcView GIS 3.2		RGta		4		10140	50		reindeer antler or bone		2		Ahrensburgian culture	YD		two settling periods	http://alsh.de/themen/projekte/renjaeger.php
110	Nahe		53,7000	10,0000		North	D	SH	Kr. Segeberg		ArcView GIS 3.2				4		10172	45		reindeer antler or bone		2		Ahrensburgian culture	YD		two settling periods	http://alsh.de/themen/projekte/renjaeger.php
110	Nahe		53,7000	10,0000		North	D	SH	Kr. Segeberg		ArcView GIS 3.2				4		10544	49		reindeer antler or bone		2		Ahrensburgian culture	YD		two settling periods	http://alsh.de/themen/projekte/renjaeger.php
110	Nahe		53,7000	10,0000		North	D	SH	Kr. Segeberg		ArcView GIS 3.2				4		10610	80		reindeer antler or bone		2		Ahrensburgian culture	YD		two settling periods	http://alsh.de/themen/projekte/renjaeger.php
111	Pinneberg	all layers	53,6500	9,8000	9	North	D	SH	Kr. Pinneberg		www.fallingrain.com/world/		CEel		5									Mesolithic (different phases of occupation; three cultural stages)				Benecke & Heinrich 2003
111	Pinneberg	all layers	53,6500	9,8000	9	North	D	SH	Kr. Pinneberg		www.fallingrain.com/world/		CLcl		5									Mesolithic (different phases of occupation; three cultural stages)				Benecke & Heinrich 2003
111	Pinneberg	all layers	53,6500	9,8000	9	North	D	SH	Kr. Pinneberg		www.fallingrain.com/world/		LUlu		5									Mesolithic (different phases of occupation; three cultural stages)				Benecke & Heinrich 2003
111	Pinneberg	lowermost layer	53,6500	9,8000	9	North	D	SH	Kr. Pinneberg		www.fallingrain.com/world/		CEel		5		9437	46	KIA11169	calcaneum (*Cervus elaphus*)		2		Mesolithic (different phases of occupation)				Benecke 2004; Benecke & Heinrich 2003
112	Stellmoor	AbA	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	BIbo		5		8970	75	OxA-3628	bison, bone		2			Preboreal			Benecke 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Hedges et al. 1993 (dates); Benecke & Heinrich 2003
112	Stellmoor	AbA	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	SUsc		5		9680	90	OxA-2875	red fox, bone		2			Preboreal			Benecke 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Hedges et al. 1993 (dates); Benecke & Heinrich 2003
112	Stellmoor	AbA	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	LYly		5		9220	90	OxA-2874	beaver, bone		2			Preboreal			Benecke 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Hedges et al. 1993 (dates); Benecke & Heinrich 2003
112	Stellmoor	AbA	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	VUvu		5		7830	80	OxA-2873	beaver, bone artifact		2			Preboreal		admixture in latest YD horizon	Benecke 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Hedges et al. 1993 (dates); Benecke & Heinrich 2003
112	Stellmoor	AbA	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	CSfi		5		5110	70	OxA-2872	bone, bison		2			Preboreal			Benecke 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Hedges et al. 1993 (dates); Benecke & Heinrich 2003
112	Stellmoor	AbA	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	ALal		5		9155	80	OxA-3629	bone, bison		2			Preboreal			Benecke 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Hedges et al. 1993 (dates); Benecke & Heinrich 2003
112	Stellmoor	AbA	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	LE	(LE)	5		7585	70	OxA-3630	bone, bison		2			Preboreal			Benecke 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Hedges et al. 1993 (dates); Benecke & Heinrich 2003
112	Stellmoor	AbA	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	EQ		5										Preboreal			Benecke 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Hedges et al. 1993 (dates); Benecke & Heinrich 2003
112	Stellmoor	AbH	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	RGta		2		12190	125	K-4261	antler (*Rangifer*)	ABH	1		Hamburgian culture				Clausen 1997; Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause & Kollau 1943 (fauna)
112	Stellmoor	AbH	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	LE		2		12180	130	K-4328	bone (*Rangifer*)	Ab.H M mc.	1		Hamburgian culture				Clausen 1997; Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause & Kollau 1943 (fauna)
112	Stellmoor	AbH	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	SP	taxon uncertain	2		10130	105	K-4327	antler (*Rangifer*)	Ab.H	1		Hamburgian culture				Clausen 1997; Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause & Kollau 1943 (fauna)
112	Stellmoor	AbH	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	LMim		2		12450	200	W-261	antler or bone, predominantly organic fraction		1		Hamburgian culture				Clausen 1997; Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause & Kollau 1943 (fauna)
112	Stellmoor	inf.	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x			2		12530	160	KN-2224	bone, antler		1		Hamburgian				Vermeersch 2006

112	Stellmoor	inf.	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x			2		12590	80	KN-2223	bone		1		Hamburgian				Vermeersch 2006
112	Stellmoor	inferior	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x			4		10320	250	Y-159-2	organic fraction of reindeer bone		1		Ahrensburgian				Vermeersch 2006
112	Stellmoor	inferior	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x			4		10010	100	K-1325	reindeer bones and antlers		1		Ahrensburgian				Vermeersch 2006
112	Stellmoor	inferior	53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x			4		10110	85	K-4330	reindeer bone		1		Ahrensburgian				Vermeersch 2006
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	BIbo		4		10070	50	KIA-3331	bison		2		Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	RGta		4		10110	105	K-4262	antler (*Rangifer*)	AbA 8,0	1		Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	EQ	*Equus ferus*	4		9930	100	K-4323	antler (*Rangifer*)	AbA 162	1		Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	CAlu		4		9900	105	K-4324	antler (*Rangifer*)	AbA 7,8 165	1		Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	LMlm		4		10010	100	K-4325	marrow split femur (*Rangifer*)	1.F.	1		Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	DEmo		4		10140	105	K-4326	marrow split long bone (*Rangifer*)	M.f	1		Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	ALal	(ALal)	4		10100	100	K-4578	marrow split bone (*Rangifer*)	...ju	1		Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	LE		4		9980	105	K-4579	antler (*Rangifer*)	AbA 8,2 151	1		Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	RODE		4		9810	100	K-4580	antler (*Rangifer*)	AbA 8,4 138	1		Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	DEmo	*Desmana desmana*	4		9990	105	K-4581	antler (*Rangifer*)	AbA 7,2 174	1		Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	EQ	*Equus ferus*	4		10320	250	Y-259.2	bone collagen (*Rangifer taratndus*)		1		Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	APveVU	(APveVU)	4									Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x	MI	(MI)	4									Ahrensburgian culture		very end (late phase) of YD	typical cold-adapted fauna, admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); fish species typical for YD	Benecke 2000 (AMS date), 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x			4	u	9500	200	W-262	antler or bone, predominantly organic fraction		1		Ahrensburgian culture		admixture of Preboreal/Boreal material into latest YD horizon?	W-262 from YD-context? -> admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); Y-159 also too young for supposed context	Benecke 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x			4	u	9310	260	Y-159	bone (*Rangifer taratndus*)		1				admixture of Preboreal/Boreal material into latest YD horizon?	W-262 from YD-context? -> admixture of Preboreal/Boreal material into latest YD horizon (Bratlund 1999); Y-159 also too young for supposed context	Benecke 2004; Bratlund 1999; Krause & Kollau 1943 (fauna); Fischer & Tauber 1986; Lanting & Plicht 1996 (dates); Benecke & Heinrich 2003
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x			4		10080	80	KN-2221	bone		1		Ahrensburgian				Vermeersch 2006
112	Stellmoor		53,6453	10,2092	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat	x			4		10160	90	KN-2222	bone		1		Ahrensburgian				Vermeersch 2006
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x	RGta		2		11790	200	W-264	antler or bone, predominantly organic fraction		1	12600-12200	Hamburgian culture				Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause 1937; Krause & Kollau 1943 (fauna); Clausen 1997
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x	EQ		2		11870	200	W-281	antler or bone, organic fraction		1		Hamburgian culture				Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause 1937; Krause & Kollau 1943 (fauna); Clausen 1997
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x	MEme		2		12000	300	H-38-121 A	antler or bone, organic fraction		1		Hamburgian culture				Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause 1937; Krause & Kollau 1943 (fauna); Clausen 1997
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x	APveVU		2		12300	300	H-38-121 B	antler or bone, organic fraction		1		Hamburgian culture				Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause 1937; Krause & Kollau 1943 (fauna); Clausen 1997
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x	DEmo		2		6150	500	H-38-121 C	antler or bone, carbonate fraction		1		Hamburgian culture				Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause 1937; Krause & Kollau 1943 (fauna); Clausen 1997
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x	LE		2		15750	800	W-172	gyttja, organic fraction		1		Hamburgian culture				Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause 1937; Krause & Kollau 1943 (fauna); Clausen 1997
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x	GUgu		2		12460	60	GrN-11254			2		Hamburgian culture				Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause 1937; Krause & Kollau 1943 (fauna); Clausen 1997
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x			2		12360	110	K-4329	antler (*Rangifer*)	Md.2. 34 U14	1		Hamburgian culture				Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause 1937; Krause & Kollau 1943 (fauna); Clausen 1997
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x	DEmo		2									Hamburgian stage			large form of DEmo, as it also occurs in Magdalenian of Hungary (postcard from Dr. Alchrender(?) to Prof. Schwantes, 1938)	information come across at the archaeozoological collection of Schloss Gottorf, Schleswig
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x	GUgu		2		11382	47	KIA12344	*Esox lucius*		2	11448 cal BC	Hamburgian stage			Should be Hamburgian, BUT Allerød date!!!	information come across at the archaeozoological collection of Schloss Gottorf, Schleswig
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x	RGta		2		10110	85	K-4330	marrow split humerus (*Rangifer*), collagen	341 ~ humerus	1		Hamburgian culture			Should be Hamburgian, BUT YD-date!!!	Fischer & Tauber 1986 (date); Benecke & Heinrich 2003; Krause 1937; Krause & Kollau 1943 (fauna); Clausen 1997
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x	ALal		2	u										sapropel above Meiendorf horizon, chronological assignment complicated		Benecke & Heinrich 2003
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x			2		7060	400	Y-158-1	antler carbonate		1		Shouldered-point complex / Hamburgian				Vermeersch 2006
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x			2		11870	200	W-281	cervids		1		Hamburgian				Vermeersch 2006
113	Meiendorf		53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x			2		12470	250	KN-2220	bone		1		Hamburgian				Vermeersch 2006
113	Meiendorf	9	53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x			4		9550	40	GrN-11253	bones		2		Ahrensburgian				Vermeersch 2006
113	Meiendorf	9	53,6335	10,2006	40	North	D	SH	Ahrensburg Tunnel Valley	Ahrensburg	Koenigswald & Heinrich 1996; transdat 10.15	x			4		10000	40	GrN-11251	wood		2		Ahrensburgian				Vermeersch 2006
114	Rissen 14/14a		53,5833	9,7666		North	D	SH			Vermeersch 2006				4	u	11450	180	H-75/78	charcoal		1		Federmesser				Vermeersch 2006
114	Rissen 14/14a		53,5833	9,7666		North	D	SH			Vermeersch 2006				4	u	10560	200	Y-157-A	charcoal		1		Federmesser				Vermeersch 2006
114	Rissen 14/14a		53,5833	9,7666		North	D	SH			Vermeersch 2006				4	u	9280	290	Y-157-B	charcoal		1		Federmesser				Vermeersch 2006
115	Borneck	KI	53,4941	10,3595		North	D	SH	Kreis Stormarn		Google Earth 4 BETA		ALal	admixed	5									Mesolithic		Boreal		Benecke & Heinrich 2003; Herre & Requate 1958
115	Borneck	KI	53,4941	10,3595		North	D	SH	Kreis Stormarn		Google Earth 4 BETA		CSfi		5									Mesolithic		Boreal		Benecke & Heinrich 2003; Herre & Requate 1958
115	Borneck	KIII	53,4941	10,3595		North	D	SH	Kreis Stormarn		Google Earth 4 BETA		RGta		4								cal BC 11992 - 11748	Callenhardt stage		YD	CLcl and ALal probably admixed fron overlying Boreal	Benecke & Heinrich 2003; Herre & Requate 1958
115	Borneck	KIII	53,4941	10,3595		North	D	SH	Kreis Stormarn		Google Earth 4 BETA		ALal		4								cal BC 11809 - 11508	Callenhardt stage		YD	CLcl and ALal probably admixed fron overlying Boreal	Benecke & Heinrich 2003; Herre & Requate 1958
115	Borneck	KIII	53,4941	10,3595		North	D	SH	Kreis Stormarn		Google Earth 4 BETA		CLcl	admixed	4									Callenhardt stage		YD	CLcl and ALal probably admixed fron overlying Boreal	Benecke & Heinrich 2003; Herre & Requate 1958
115	Borneck	KIII	53,4941	10,3595		North	D	SH	Kreis Stormarn		Google Earth 4 BETA		RGta		3		11940	50	KIA33949	humerus (*Rangifer tarandus*)	Cultural Horizon I; depth 0,43 - 0,455 m	2		Paleolithic, Magdalenian		Allerød		Benecke & Heinrich 2003; Herre & Requate 1958; Riede et al. in prep.
115	Borneck	KIII	53,4941	10,3595		North	D	SH	Kreis Stormarn		Google Earth 4 BETA		ALal		3		11770	55	KIA33950	tibia (*Alces alces*)	Cultural Horizon II; depth - 0,455 - 0,7 m	2		Paleolithic, Magdalenian		Allerød		Benecke & Heinrich 2003; Herre & Requate 1958; Riede et al. in prep.
115	Borneck	KIII	53,4941	10,3595		North	D	SH	Kreis Stormarn		Google Earth 4 BETA		BOveBI	BOpr/BIbo	3									Paleolithic, Magdalenian		Allerød		Benecke & Heinrich 2003; Herre & Requate 1958; Riede et al. in prep.
115	Borneck	Tümpel V	53,4941	10,3595		North	D	SH	Kreis Stormarn		Google Earth 4 BETA		RGta		4											YD		Herre & Requate 1958
116	Hasewisch		53,3800	10,1200		North	D	SH	Kreis Stormarn		Eurofauna Database		RGta		2									Paleolithic, Hamburgian		Oldest Dryas		Herre & Requate 1958
117	Hopfenbach (Aalfang)		53,3800	10,1200		North	D	SH	Kreis Stormarn		Eurofauna Database		RGta		5									early to late Mesolithic			finds lie within long period of time; youngest BIbo in this region	Herre & Requate 1958
117	Hopfenbach (Aalfang)		53,3800	10,1200		North	D	SH	Kreis Stormarn		Eurofauna Database		CEel		5									early to late Mesolithic			finds lie within long period of time; youngest BIbo in this region	Herre & Requate 1958
117	Hopfenbach (Aalfang)		53,3800	10,1200		North	D	SH	Kreis Stormarn		Eurofauna Database		CLcl		5									early to late Mesolithic			finds lie within long period of time; youngest BIbo in this region	Herre & Requate 1958
117	Hopfenbach (Aalfang)		53,3800	10,1200		North	D	SH	Kreis Stormarn		Eurofauna Database		SUsc		5									early to late Mesolithic			finds lie within long period of time; youngest BIbo in this region	Herre & Requate 1958
117	Hopfenbach (Aalfang)		53,3800	10,1200		North	D	SH	Kreis Stormarn		Eurofauna Database		BIbo		5									early to late Mesolithic			finds lie within long period of time; youngest BIbo in this region	Herre & Requate 1958
117	Hopfenbach (Aalfang)		53,3800	10,1200		North	D	SH	Kreis Stormarn		Eurofauna Database		EQ	*Equus przewalskii*	5									early to late Mesolithic			finds lie within long period of time; youngest BIbo in this region	Herre & Requate 1958
117	Hopfenbach (Aalfang)		53,3800	10,1200		North	D	SH	Kreis Stormarn		Eurofauna Database		LUlu		5									early to late Mesolithic			finds lie within long period of time; youngest BIbo in this region	Herre & Requate 1958
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database		RGta		2		12570	115	K-4332	atlas (*Rangifer*)	J1H1	1		Hamburgian culture		Oldest Dryas		Fischer & Tauber 1986 (dates); Benecke & Heinrich 2003; Herre & Requate 1958 (fauna); Clausen 1997; Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database		MTpu		2		12440	115	K-4331	epistropheus (*Rangifer*)	J2 H2	1		Hamburgian culture		Oldest Dryas		Fischer & Tauber 1986 (dates); Benecke & Heinrich 2003; Herre & Requate 1958 (fauna); Clausen 1997; Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database		SP	*Spermophilus magna*	2		12440	115	K-4577	vertebra (*Rangifer*)	L	1		Hamburgian culture		Oldest Dryas	butchering traces and gnawing by carnivores	Fischer & Tauber 1986 (dates); Benecke & Heinrich 2003; Herre & Requate 1958 (fauna); Clausen 1997; Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database				2		13050	200	H-31-67	antler or bone, organic fraction		1		Hamburgian culture		Oldest Dryas		Fischer & Tauber 1986 (dates); Benecke & Heinrich 2003; Herre & Requate 1958 (fauna); Clausen 1997; Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database				2		12980	370	H-136-116	wood, twigs only		1		Hamburgian culture		Oldest Dryas		Fischer & Tauber 1986 (dates); Benecke & Heinrich 2003; Herre & Requate 1958 (fauna); Clausen 1997; Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database				2		15150	350	W-93	gyttja, organic fraction		1		Hamburgian culture		Oldest Dryas		Fischer & Tauber 1986 (dates); Benecke & Heinrich 2003; Herre & Requate 1958 (fauna); Clausen 1997; Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database				2		15700	350	H-32-60	gyttja, organic fraction		1		Hamburgian culture		Oldest Dryas		Fischer & Tauber 1986 (dates); Benecke & Heinrich 2003; Herre & Requate 1958 (fauna); Clausen 1997; Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database				2		17100	500	H-32-118 A	gyttja, carbonate fraction		1		Hamburgian culture		Oldest Dryas		Fischer & Tauber 1986 (dates); Benecke & Heinrich 2003; Herre & Requate 1958 (fauna); Clausen 1997; Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database				2		12850	500	H-32-118 C	gyttja, organic fraction		1		Hamburgian culture		Oldest Dryas		Fischer & Tauber 1986 (dates); Benecke & Heinrich 2003; Herre & Requate 1958 (fauna); Clausen 1997; Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database				2		12460	60	GrN-11254	twigs same sample as H-I36/116		2		Hamburgian				Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database				2		12470	95	KN-2754	bone		1		Hamburgian				Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database		RGta		3	u	11250	50	GrN-11262	antler (*Rangider tarandus*)		2				Preboreal peat	should be Preboreal, BUT probably Allerød occupation?	Lanting & Plicht 1996; Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database				3	u	11750	200	W-271	antler or bone, predominantly organic fraction		1		Hamburgian culture		Oldest Dryas	should be Oldest Dryas, BUT probably Allerød occupation?	Clausen 1997; Fischer & Tauber 1986 (dates); Benecke & Heinrich 2003; Herre & Requate 1958 (fauna); Vermeersch 2006
118	Poggenwisch		53,3800	10,1200		North	D	SH	Kr. Stormarn		Eurofauna Database		RGta		4	u	9992	53	KIA11171			2		Ahrensburgian?	Preboreal		date: very end of YD	Benecke 2004; Benecke & Heinrich 2003; Herre & Requate 1958; Vermeersch 2006
119	Gristow		54,1667	13,3333	0	North	D	MVP			www.fallingrain.com/world/		MGgi		0													Benecke 2000
120	Endingen	site VI	54,1500	12,5400		North	D	MVP	Kreis Nordvorpommern	Schuenhagen	Eurofauna Database		Alal		3		11830	50	UtC-5681	horse rib		2	14030-13640 cal BP; 11455-11655	elk hunter station		early Allerød; as Bølling or Older Dryas in EUQUAM; Allerød according to Benecke 2000	oldest absolutely dated evidence of human settlement in NE Germany; Elk dominant; hill S of Endinger Bruch, propably two phases of settlement	Drucker et al. 2003; Görsdorf & Kaiser 2001; Benecke & Heinrich 2003; Kaiser et al. 1999; Terberger 1996; Terberger et al. 1996; Street 1996; Benecke 2000
120	Endingen	site VI	54,1500	12,5400		North	D	MVP	Kreis Nordvorpommern	Schuenhagen	Eurofauna Database		EQ	*Equus ferus*	3		11560	100	ETH-13585	giant deer antler		2	13810-13420 cal BP	elk hunter station		early Allerød; as Bølling or Older Dryas in EUQUAM; Allerød according to Benecke 2000	oldest absolutely dated evidence of human settlement in NE Germany; Elk dominant; hill S of Endinger Bruch, propably two phases of settlement	Drucker et al. 2003; Görsdorf & Kaiser 2001; Benecke & Heinrich 2003; Kaiser et al. 1999; Terberger 1996; Terberger et al. 1996; Street 1996; Benecke 2000
120	Endingen	site VI	54,1500	12,5400		North	D	MVP	Kreis Nordvorpommern	Schuenhagen	Eurofauna Database		MGgi		3		11555	100	UZ-3798	giant deer antler		2		elk hunter station		early Allerød; as Bølling or Older Dryas in EUQUAM; Allerød according to Benecke 2000	oldest absolutely dated evidence of human settlement in NE Germany; Elk dominant; hill S of Endinger Bruch, propably two phases of settlement	Drucker et al. 2003; Görsdorf & Kaiser 2001; Benecke & Heinrich 2003; Kaiser et al. 1999; Terberger 1996; Terberger et al. 1996; Street 1996; Benecke 2000
120	Endingen	site VI	54,1500	12,5400		North	D	MVP	Kreis Nordvorpommern	Schuenhagen	Eurofauna Database				3		11666	224	Hv-20985	organic siliceous mud (?)		1		elk hunter station		early Allerød; as Bølling or Older Dryas in EUQUAM; Allerød according to Benecke 2000	oldest absolutely dated evidence of human settlement in NE Germany; Elk dominant; hill S of Endinger Bruch, propably two phases of settlement	Drucker et al. 2003; Görsdorf & Kaiser 2001; Benecke & Heinrich 2003; Kaiser et al. 1999; Terberger 1996; Terberger et al. 1996; Street 1996; Benecke 2000
120	Endingen	site VI	54,1500	12,5400		North	D	MVP	Kreis Nordvorpommern	Schuenhagen	Eurofauna Database				3		12468	312	Hv-21684	organic siliceous mud (?)		1		elk hunter station		early Allerød; as Bølling or Older Dryas in EUQUAM; Allerød according to Benecke 2000	oldest absolutely dated evidence of human settlement in NE Germany; Elk dominant; hill S of Endinger Bruch, propably two phases of settlement	Drucker et al. 2003; Görsdorf & Kaiser 2001; Benecke & Heinrich 2003; Kaiser et al. 1999; Terberger 1996; Terberger et al. 1996; Street 1996; Benecke 2000
120	Endingen	site VI	54,1500	12,5400		North	D	MVP	Kreis Nordvorpommern	Schuenhagen	Eurofauna Database				3		11977	84	UtC-96939	macro remains (*Carex*)		2		elk hunter station		early Allerød; as Bølling or Older Dryas in EUQUAM; Allerød according to Benecke 2000	oldest absolutely dated evidence of human settlement in NE Germany; Elk dominant; hill S of Endinger Bruch, propably two phases of settlement	Drucker et al. 2003; Görsdorf & Kaiser 2001; Benecke & Heinrich 2003; Kaiser et al. 1999; Terberger 1996; Terberger et al. 1996; Street 1996; Benecke 2000
120	Endingen	site VI	54,1500	12,5400		North	D	MVP	Kreis Nordvorpommern	Schuenhagen	Eurofauna Database				3		14475	656	Hv-20986	organic siliceous mud (?)		1		elk hunter station		early Allerød; as Bølling or Older Dryas in EUQUAM; Allerød according to Benecke 2000	oldest absolutely dated evidence of human settlement in NE Germany; Elk dominant; hill S of Endinger Bruch, propably two phases of settlement	Drucker et al. 2003; Görsdorf & Kaiser 2001; Benecke & Heinrich 2003; Kaiser et al. 1999; Terberger 1996; Terberger et al. 1996; Street 1996; Benecke 2000

120	Endingen	site VI	54,1500	12,5400		North	D	MVP	Kreis Nordvorpommern	Schuenhagen	Eurofauna Database				3		11854	484	Hv-21685	organic silicoeus mud (?)		1		elk hunter station		early Allerød; as Bølling or Older Dryas in EUQUAM; Allerød according to Benecke 2000	oldest absolutely dated evidence of human settlement in NE Germany; Elk dominant; hill S of Endinger Bruch, propably two phases of settlement	Drucker et al. 2003; Görsdorf & Kaiser 2001; Benecke & Heinrich 2003; Kaiser et al. 1999; Terberger 1996; Terberger et al. 1996; Street 1996; Benecke 2000
120	Endingen	site VI	54,1500	12,5400		North	D	MVP	Kreis Nordvorpommern	Schuenhagen	Eurofauna Database				3		11551	78	UIC-6940	periderm material		2		elk hunter station		early Allerød; as Bølling or Older Dryas in EUQUAM; Allerød according to Benecke 2000	oldest absolutely dated evidence of human settlement in NE Germany; Elk dominant; hill S of Endinger Bruch, propably two phases of settlement	Drucker et al. 2003; Görsdorf & Kaiser 2001; Benecke & Heinrich 2003; Kaiser et al. 1999; Terberger 1996; Terberger et al. 1996; Street 1996; Benecke 2000
120	Endingen	site VI	54,1500	12,5400		North	D	MVP	Kreis Nordvorpommern	Schuenhagen	Eurofauna Database				3		12506	366	Hv-20987	macro remains (Salix)		1		elk hunter station		early Allerød; as Bølling or Older Dryas in EUQUAM; Allerød according to Benecke 2000	oldest absolutely dated evidence of human settlement in NE Germany; Elk dominant; hill S of Endinger Bruch, propably two phases of settlement	Drucker et al. 2003; Görsdorf & Kaiser 2001; Benecke & Heinrich 2003; Kaiser et al. 1999; Terberger 1996; Terberger et al. 1996; Street 1996; Benecke 2000
120	Endingen	site VI	54,1500	12,5400		North	D	MVP	Kreis Nordvorpommern	Schuenhagen	Eurofauna Database				3		8773	316	UIC-6973	macro remains (Carex)		2		elk hunter station		early Allerød; as Bølling or Older Dryas in EUQUAM; Allerød according to Benecke 2000	oldest absolutely dated evidence of human settlement in NE Germany; Elk dominant; hill S of Endinger Bruch, propably two phases of settlement	Drucker et al. 2003; Görsdorf & Kaiser 2001; Benecke & Heinrich 2003; Kaiser et al. 1999; Terberger 1996; Terberger et al. 1996; Street 1996; Benecke 2000
121	Tribsees		54,0600	12,4600		North	D	MVP	Kr. Nordvorpommern		Eurofauna Database		CSfi		5	u											probably synchronous invasion of BOpr and Bilbo	Benecke 2000; Lehmkuhl 1988
121	Tribsees		54,0600	12,4600		North	D	MVP	Kr. Nordvorpommern		Eurofauna Database		URar		5	u											probably synchronous invasion of BOpr and Bilbo	Benecke 2000; Lehmkuhl 1988
121	Tribsees		54,0600	12,4600		North	D	MVP	Kr. Nordvorpommern		Eurofauna Database		MAma		5	u											probably synchronous invasion of BOpr and Bilbo	Benecke 2000; Lehmkuhl 1988
121	Tribsees		54,0600	12,4600		North	D	MVP	Kr. Nordvorpommern		Eurofauna Database		EQ	*Equus ferus*	5	u											probably synchronous invasion of BOpr and Bilbo	Benecke 2000; Lehmkuhl 1988
121	Tribsees		54,0600	12,4600		North	D	MVP	Kr. Nordvorpommern		Eurofauna Database		SUsc		5	u											probably synchronous invasion of BOpr and Bilbo	Benecke 2000; Lehmkuhl 1988
121	Tribsees		54,0600	12,4600		North	D	MVP	Kr. Nordvorpommern		Eurofauna Database		CEel		5	u											probably synchronous invasion of BOpr and Bilbo	Benecke 2000; Lehmkuhl 1988
121	Tribsees		54,0600	12,4600		North	D	MVP	Kr. Nordvorpommern		Eurofauna Database		CLcl		5	u											probably synchronous invasion of BOpr and Bilbo	Benecke 2000; Lehmkuhl 1988
121	Tribsees		54,0600	12,4600		North	D	MVP	Kr. Nordvorpommern		Eurofauna Database		ALal		5	u											probably synchronous invasion of BOpr and Bilbo	Benecke 2000; Lehmkuhl 1988
121	Tribsees		54,0600	12,4600		North	D	MVP	Kr. Nordvorpommern		Eurofauna Database		BOpr		5	u											probably synchronous invasion of BOpr and Bilbo	Benecke 2000; Lehmkuhl 1988
121	Tribsees		54,0600	12,4600		North	D	MVP	Kr. Nordvorpommern		Eurofauna Database		Blbo		5	u											probably synchronous invasion of BOpr and Bilbo	Benecke 2000; Lehmkuhl 1988
122	Jäckelberg-Huk		54,0000	11,4333		North	D	MVP	Wismar Bay, N of Poel		http://de.wikipedia.org/wiki/Poel; ransdat 11.07		ARte		5								8300-8000 cal BP				also marine mammals: Phocidae and *Halichoerus gryphus* ; deposits of a tsunami at ca. 8200 cal BP supportet natural *Littorina* transgression	Schmölcke pers. comm. 2006
122	Jäckelberg-Huk		54,0000	11,4333		North	D	MVP	Wismar Bay, N of Poel		http://de.wikipedia.org/wiki/Poel; ransdat 11.07		CEel		5												also marine mammals: Phocidae and *Halichoerus gryphus* ; deposits of a tsunami at ca. 8200 cal BP supportet natural *Littorina* transgression	Schmölcke pers. comm. 2006
122	Jäckelberg-Huk		54,0000	11,4333		North	D	MVP	Wismar Bay, N of Poel		http://de.wikipedia.org/wiki/Poel; ransdat 11.07		CLcl		5												also marine mammals: Phocidae and *Halichoerus gryphus* ; deposits of a tsunami at ca. 8200 cal BP supportet natural *Littorina* transgression	Schmölcke pers. comm. 2006
122	Jäckelberg-Huk		54,0000	11,4333		North	D	MVP	Wismar Bay, N of Poel		http://de.wikipedia.org/wiki/Poel; ransdat 11.07		SUsc		5												also marine mammals: Phocidae and *Halichoerus gryphus* ; deposits of a tsunami at ca. 8200 cal BP supportet natural *Littorina* transgression	Schmölcke pers. comm. 2006
122	Jäckelberg-Huk		54,0000	11,4333		North	D	MVP	Wismar Bay, N of Poel		http://de.wikipedia.org/wiki/Poel; ransdat 11.07		EReu		5												also marine mammals: Phocidae and *Halichoerus gryphus* ; deposits of a tsunami at ca. 8200 cal BP supportet natural *Littorina* transgression	Schmölcke pers. comm. 2006
122	Jäckelberg-Huk		54,0000	11,4333		North	D	MVP	Wismar Bay, N of Poel		http://de.wikipedia.org/wiki/Poel; ransdat 11.07		FESi		5												also marine mammals: Phocidae and *Halichoerus gryphus* ; deposits of a tsunami at ca. 8200 cal BP supportet natural *Littorina* transgression	Schmölcke pers. comm. 2006
122	Jäckelberg-Huk		54,0000	11,4333		North	D	MVP	Wismar Bay, N of Poel		http://de.wikipedia.org/wiki/Poel; ransdat 11.07		BOpr		5												also marine mammals: Phocidae and *Halichoerus gryphus* ; deposits of a tsunami at ca. 8200 cal BP supportet natural *Littorina* transgression	Schmölcke pers. comm. 2006
123	Gützkow		53,9500	13,4167	21	North	D	MVP			www.fallingrain.com/world/		MGgl		0													Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	LMim		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	PLau		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	EReu		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	TAeu	*Talpa europaea magna* (?)	5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	SOar		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	SOmi		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	NEfo		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	NEan		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	CRule	*Crocidura leucodon*	5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	LEeu		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	SCvu		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	EMqu		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	MSav		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	AMfl		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	AMsy		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	AMag		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	Mumu	must be admixed	5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	CYgl		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	ARte		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlar		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlag		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlsu		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	Slbe		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	CAlu		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	VUvu		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	MEme		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	MTpu		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	MTni		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
124	Pisede		53,7833	12,7667		North	D	MVP		Malchin	Koenigswald & Heinrich 1996; transdat 11.04	x	CLcl		5												LMim only cold adapted animal->mostly Preboreal or younger	Benecke 2000
125	Rothenklempenow	site 17, trench I, lowermost layer	53,5167	14,2000	17	North	D	MVP	Uecker-Randow Kreis	Peterswalde	Kaiser et al. 2003; www.fallingrain.com/world/	x	CAlufa		5		8592	41		artefact		2	poilen zone IVb: 8607-8564 cal BC	Mesolithic (and Neolithic in upper layers)		lowermost layer of trench I: middle and late Preboreal; Preboreal to Subboreal; other mammals in younger pollen zones		Benecke 2004; Benecke & Heinrich 2003
125	Rothenklempenow	site 17, trench I, lowermost layer	53,5167	14,2000	17	North	D	MVP	Uecker-Randow Kreis	Peterswalde	Kaiser et al. 2003; www.fallingrain.com/world/	x	CEel		5		8889	43		charcoal	see below KIA 10688	2	poilen zone Vb: 8197-7927 cal BC	Mesolithic (and Neolithic in upper layers)		lowermost layer of trench I: middle and late Preboreal; Preboreal to Subboreal; other mammals in younger pollen zones		Benecke 2004; Benecke & Heinrich 2003
125	Rothenklempenow	site 17, trench I, lowermost layer	53,5167	14,2000	17	North	D	MVP	Uecker-Randow Kreis	Peterswalde	Kaiser et al. 2003; www.fallingrain.com/world/	x	CLcl		5		9312	43		artefact		2		Mesolithic (and Neolithic in upper layers)		lowermost layer of trench I: middle and late Preboreal; Preboreal to Subboreal; other mammals in younger pollen zones		Benecke 2004; Benecke & Heinrich 2003
125	Rothenklempenow	site 17, trench I, lowermost layer	53,5167	14,2000	17	North	D	MVP	Uecker-Randow Kreis	Peterswalde	Kaiser et al. 2003; www.fallingrain.com/world/	x	ALal		5		9335	42		charcoal		2		Mesolithic (and Neolithic in upper layers)		lowermost layer of trench I: middle and late Preboreal; Preboreal to Subboreal; other mammals in younger pollen zones		Benecke 2004; Benecke & Heinrich 2003
125	Rothenklempenow	site 17, trench I, lowermost layer	53,5167	14,2000	17	North	D	MVP	Uecker-Randow Kreis	Peterswalde	Kaiser et al. 2003; www.fallingrain.com/world/	x	BOpr		5		see Schacht & Bogen 2001							Mesolithic (and Neolithic in upper layers)		lowermost layer of trench I: middle and late Preboreal; Preboreal to Subboreal; other mammals in younger pollen zones		Benecke 2004; Benecke & Heinrich 2003
125	Rothenklempenow	site 17, trench I, lowermost layer	53,5167	14,2000	17	North	D	MVP	Uecker-Randow Kreis	Peterswalde	Kaiser et al. 2003; www.fallingrain.com/world/	x	SUsc		5									Mesolithic (and Neolithic in upper layers)		lowermost layer of trench I: middle and late Preboreal; Preboreal to Subboreal; other mammals in younger pollen zones		Benecke 2004; Benecke & Heinrich 2003
125	Rothenklempenow	site 17, trench I, lowermost layer	53,5167	14,2000	17	North	D	MVP	Uecker-Randow Kreis	Peterswalde	Kaiser et al. 2003; www.fallingrain.com/world/	x	LEeu		5									Mesolithic (and Neolithic in upper layers)		lowermost layer of trench I: middle and late Preboreal; Preboreal to Subboreal; other mammals in younger pollen zones		Benecke 2004; Benecke & Heinrich 2003
125	Rothenklempenow	site 17, trench I, lowermost layer	53,5167	14,2000	17	North	D	MVP	Uecker-Randow Kreis	Peterswalde	Kaiser et al. 2003; www.fallingrain.com/world/	x	VUvu		5									Mesolithic (and Neolithic in upper layers)		lowermost layer of trench I: middle and late Preboreal; Preboreal to Subboreal; other mammals in younger pollen zones		Benecke 2004; Benecke & Heinrich 2003
125	Rothenklempenow	site 17, trench I, lowermost layer	53,5167	14,2000	17	North	D	MVP	Uecker-Randow Kreis	Peterswalde	Kaiser et al. 2003; www.fallingrain.com/world/	x	CSfi		5									Mesolithic (and Neolithic in upper layers)		lowermost layer of trench I: middle and late Preboreal; Preboreal to Subboreal; other mammals in younger pollen zones		Benecke 2004; Benecke & Heinrich 2003
125	Rothenklempenow	Letzigsee	53,5167	14,2000	17	North	D	MVP	Uecker-Randow Kreis	Peterswalde	Kaiser et al. 2003; www.fallingrain.com/world/	x			5		8890	43	KIA-10688	charcoal		2	10160-9910 cal BP					Görsdorf & Kaiser 2001
126	Golchen		53,4800	13,1700		North	D	MVP	Kreis Demmin		Eurofauna Database		BOpr		0													Benecke 2000
127	Hohen Viecheln		53,4700	11,3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		LEeu		5		8250	?					9680-9430 cal BP	Maglemosean			mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
127	Hohen Viecheln		53,4700	11,3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		CSfi		5		8550	145						Maglemosean			mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
127	Hohen Viecheln		53,4700	11,3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		CAlu		5									Maglemosean			mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
127	Hohen Viecheln		53,4700	11,3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		VUvu		5									Maglemosean			mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
127	Hohen Viecheln		53,4700	11,3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		URar		5									Maglemosean			mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001

127	Hohen Viecheln		53.4700	11.3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		MEme		5									Maglemosean				mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
127	Hohen Viecheln		53.4700	11.3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		MTpu		5									Maglemosean				mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
127	Hohen Viecheln		53.4700	11.3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		FEsi		5									Maglemosean				mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
127	Hohen Viecheln		53.4700	11.3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		SUsc		5									Maglemosean				mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
127	Hohen Viecheln		53.4700	11.3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		CEel		5									Maglemosean				mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
127	Hohen Viecheln		53.4700	11.3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		CLcl		5									Maglemosean				mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
127	Hohen Viecheln		53.4700	11.3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		ALal		5									Maglemosean				mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
127	Hohen Viecheln		53.4700	11.3100		North	D	MVP	Kreis Nordwestmecklenburg		Eurofauna Database		BOpr		5									Maglemosean				mixture of a lower late Preboreal/early Boreal and an upper Boreal/early Atlantic layer	Benecke 2000, 2004; Görsdorf & Kaiser 2001
128	Plau		53.4500	12.2667	64	North	D	MVP			www.fallingrain.com/world/		BOpr		0														Benecke 2000
129	Kessin		53.4400	13.1900		North	D	MVP	Kr. Demmin	Grapzow	Benecke 2000	x	BOpr		5									older Mesolithic					Benecke 2000
130	Neustadt-Glewe		53.3833	11.5833	33	North	D	MVP			www.fallingrain.com/world/		Bibo		0														Benecke 2000
131	Bützsee		52.8306	12.8975		North	D	BB	Neuruppin		www.kompetenz-wasser.de; transdat 11.07		RGta	taxon uncertain	4	10185	65	OxA-8743	antler (*Rangifer tarandus* ?)	Inventar number 1995: 311/168/13	2	10519±218 cal BC	typical Mesolithic point, Type-2-Duversese					Cziesla 2004; Cziesla & Pettitt 2003
131	Bützsee		52.8306	12.8975		North	D	BB	Neuruppin		www.kompetenz-wasser.de; transdat 11.07				4	10480	75	OxA-8742	antler (*Rangifer tarandus* ?)	Inventar number 1995: 311, wb-Nr.: A 62/94	2		human presence ca. 10200-9900 cal BC				no stratigraphic context	Cziesla 2004; Cziesla & Pettitt 2003
131	Bützsee		52.8306	12.8975		North	D	BB	Neuruppin		www.kompetenz-wasser.de; transdat 11.07				4	10020	60	OxA-8841	antler (*Rangifer tarandus* ?)	Inventar number 1995: 311/167	2							Cziesla 2004; Cziesla & Pettitt 2003
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		BOpr		5	9640	70	Bln-2828		a10	1	9700-9450				middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		ALal		5	9630	100	Bln-2756		c10	1					middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CEel		5	9490	100	Bln-2753		a9a	1					middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CLcl		5	9450	65	Bln-1914		a9a	1					middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		SUsc		5	9680	70	Bln-3036		b10	1					middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CAlufa	*Canis familiaris*	5	9670	60	Bln-3026		z10a	1					middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		VUvu		5	9580	60	Bln-3001		z13	1					middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		MA		5	9640	60	Bln-3020		z9b	1					middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		FEsi		5	9640	70	Bln-3019		z9a	1					middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		LEeu		5	9560	100	Bln-2761		xE	1					middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CSfi		5											middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex I	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		ARte		5											middle Preboreal	"Sedimentkomplex/Zeitstufe I"	Gramsch 2000, Benecke 2004; Teichert 1999
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		BOpr		5	9250	100	Bln-2758		b7	1					late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000, 2004
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		ALal		5	9190	100	Bln-2752		a8	1					late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CEel		5	9280	100	Bln-2751		a17	1					late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CLcl		5	9190	100	Bln-2750		a17	1					late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		SUsc		5	9340	70	Bln-3025		z8b	1					late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		EQ		5	9220	60	Bln-3000		z8b	1					late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CAlufa	*Canis familiaris*	5	9400	70	Bln-3018		z8a	1					late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CAlu		5	9240	70	Bln-3009		z17	1					late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		VUvu		5	9180	70	Bln-3024		z17	1					late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		URar		5	9420	100	Bln-2760		xC	1					late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		MA		5											late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		LUlu		5											late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CSfi		5											late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex II	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		ARte		5											late Preboreal	"Sedimentkomplex/Zeitstufe II"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		BOpr		5	9040	70	Bln-3027		z6c	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		ALal		5	9040	70	Bln-3008		z6c	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CEel		5	9010	70	Bln-3017		z6c	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CLcl		5	8980	60	Bln-3014		z6c	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		SUsc		5	9040	60	Bln-3023		z6b	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		EQ		5	8980	60	Bln-3013		z6b	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CAlufa	*Canis familiaris*	5	9150	70	Bln-3022		z5b	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		VUvu		5	8960	60	Bln-3012		z5b	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		URar		5	8840	60	Bln-3011		z6a	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		MA		5	8980	60	Bln-3007		z5	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		MTer		5	8940	60	Bln-3028		z5a	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		MTni		5	8810	70	Bln-3010		z5a	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		MTpu		5	9000	70	Bln-3006		z32b	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		MEme		5	8940	60	Bln-3003		z32b	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		LUlu		5	9030	60	Bln-3002		z33	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		FEsi		5	9010	70	Bln-3021		z16	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		LEeu		5	8975	70	Bln-1913		a7	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CSfi		5	8850	70	Bln-1913a		a7	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		SCvu		5	8989	100	Bln-2733		a6	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		ARte		5	8630	100	Bln-2755		c17	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		EReu		5	8850	60	Bln-3035		b7	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database				5	8970	70	Bln-3016		x8	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex III	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database				5	8140	60	Bln-3015		x6	1					early Boreal	"Sedimentkomplex/Zeitstufe III"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		BOpr		5	8390	70	Bln-2829		c7	1					late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		ALal		5	8130	60	Bln-3032		b6c	1					late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CEel		5	7820	80	Bln-2825		b6a	1					late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CLcl		5	7750	100	Bln-2757		b6a	1					late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		SUsc		5	8170	60	Bln-2999		z40	1					late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CAlufa	*Canis familiaris*	5	7800	70	Bln-3005		z31c	1					late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		VUvu		5	7740	70	Bln-3004		z30	1					late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		URar		5											late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		MA		5											late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		MTer		5											late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		FEsi		5											late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		LYly		5											late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		LEeu		5											late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		CSfi		5											late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		ARte		5											late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
132	Friesack	4, sedimentary complex IV	52.4400	12.3500		North	D	BB	Lkr. Havelland		Eurofauna Database		SOR		5											late Boreal (and younger)	"Sedimentkomplex/Zeitstufe IV"	Gramsch 2000
133	Berlin Tiergarten	between Hansaplatz and Turmstraße	52.3200	13.2000		North	D	BER		Berlin	Eurofauna Database		MMpr		0													stratigraphical admixture	Benecke & Heinrich 2003
133	Berlin Tiergarten	between Hansaplatz and Turmstraße	52.3200	13.2000		North	D	BER		Berlin	Eurofauna Database		EQ	*Equus ferus*	0													stratigraphical admixture	Benecke & Heinrich 2003
133	Berlin Tiergarten	between Hansaplatz and Turmstraße	52.3200	13.2000		North	D	BER		Berlin	Eurofauna Database		RGta		0													stratigraphical admixture	Benecke & Heinrich 2003
133	Berlin Tiergarten	between Hansaplatz and Turmstraße	52.3200	13.2000		North	D	BER		Berlin	Eurofauna Database		CEel		0													stratigraphical admixture	Benecke & Heinrich 2003
133	Berlin Tiergarten	Hansaplatz	52.3200	13.2000		North	D	BER		Berlin	Eurofauna Database		ALal		3	u	10730	40	KIA4937	elk		2		Ahrensburgian culture		Allerød		stratigraphical admixture ?	Benecke & Heinrich 2003; Eurofauna Database
133	Berlin Tiergarten	Hansaplatz	52.3200	13.2000		North	D	BER		Berlin	Eurofauna Database		RGta		3	u								Ahrensburgian culture		Allerød		stratigraphical admixture ?	Benecke & Heinrich 2003; Eurofauna Database
133	Berlin Tiergarten	Hansaplatz	52.3200	13.2000		North	D	BER		Berlin	Eurofauna Database		CEel		3	u								Ahrensburgian culture		Allerød		stratigraphical admixture ?	Benecke & Heinrich 2003; Eurofauna Database
134	Potsdam-Schlaatz	Fundplatz 55	52.2400	13.0400		North	D	BB			Eurofauna Database		BOpr		5	9936	40	KIA5665	vertebra (*Bos primigenius*)		2	9600-9280 cal BC (1 σ, OxCal 3.5)	Mesolithic			earliest Preboreal	Bln-2997 probably incorrect	Benecke 2000, 2002, 2004; Benecke & Heinrich 2003; Gustavs 1987
134	Potsdam-Schlaatz	Fundplatz 55	52.2400	13.0400		North	D	BB			Eurofauna Database		EQ	*Equus ferus*	5	9979	57	KIA9562	metacarpal (*Bos primigenius*)		2	9610-9300 cal BC (1 σ, OxCal 3.5)	Mesolithic			earliest Preboreal	Bln-2997 probably incorrect	Benecke 2000, 2002, 2004; Benecke & Heinrich 2003; Gustavs 1987
134	Potsdam-Schlaatz	Fundplatz 55	52.2400	13.0400		North	D	BB			Eurofauna Database		SUsc		5	9956	54	KIA9563	ulna (*Sus scrofa*)		2	9600-9280 cal BC (1 σ, OxCal 3.5)	Mesolithic			earliest Preboreal	Bln-2997 probably incorrect	Benecke 2000, 2002, 2004; Benecke & Heinrich 2003; Gustavs 1987
134	Potsdam-Schlaatz	Fundplatz 55	52.2400	13.0400		North	D	BB			Eurofauna Database		CEel		5	9903	52	KIA9565	mandible (*Equus*)		2	9390-9250 cal BC (1 σ, OxCal 3.5)	Mesolithic			earliest Preboreal	Bln-2997 probably incorrect	Benecke 2000, 2002, 2004; Benecke & Heinrich 2003; Gustavs 1987
134	Potsdam-Schlaatz	Fundplatz 55	52.2400	13.0400		North	D	BB			Eurofauna Database				5	9601	63	KIA9564	metacarpal (*Cervus elaphus*)		2	9170-8810 cal BC (1 σ, OxCal 3.5)	Mesolithic			earliest Preboreal	Bln-2997 probably incorrect	Benecke 2000, 2002, 2004; Benecke & Heinrich 2003; Gustavs 1987
134	Potsdam-Schlaatz	Fundplatz 55	52.2400	13.0400		North	D	BB			Eurofauna Database				5	10560	70	Bln-2997	wood		2		Mesolithic			earliest Preboreal	Bln-2997 probably incorrect; in Benecke (2002) as Bln-2998!	Benecke 2000, 2002, 2004; Benecke & Heinrich 2003; Gustavs 1987
135	Donkerbroek Zwembad		53.0167	6.2333		West	NL				Vermeersch 2006		ALal	eland means *Taurotragus*, impossible	3	11700	90	GrA-16243	collagen from eland scapula with cutting traces		2		Late Palaeolithic					Vermeersch 2006
136	North Sea 1		53.0000	2.9000		West	NL				Glimmerveen et al. 2006; transdat 10.15	x	HOsa		5	8370	50	GrA 11642	mandible (*Homo sapiens*)		2							Glimmerveen et al. 2006
137	Oldeholtwolde		52.5500	6.0100	6	West	NL	Friesland		Westelingwerf	Hedges et al. 1992; Vermeersch 2006	x	RGta	implied by artefacts	3	11470	110	OxA-2559	*Salix* sp. charcoal		2		Havelte, reindeer hunters				no faunal remains (Terberger pers. comm.)	Johnson & Stapert 2004; Clausen 1997; Fischer & Tauber 1986; Hedges et al. 1992; Vermeersch 2006; Terberger pers. comm. 2009
137	Oldeholtwolde		52.5500	6.0100	6	West	NL	Friesland		Westelingwerf	Hedges et al. 1992; Vermeersch 2006	x			3	11680	120	OxA-2561	*Salix* sp. charcoal		2		Havelte, reindeer hunters				no faunal remains (Terberger pers. comm.)	Johnson & Stapert 2004; Clausen 1997; Fischer & Tauber 1986; Hedges et al. 1992; Vermeersch 2006; Terberger pers. comm. 2009

137	Oldeholtwolde		52,5500	6,0100	6	West	NL	Friesland		Westelingwerf	Hedges et al. 1992; Vermeersch 2006	x			3		11810	110	OxA-2558	*Salix* sp. charcoal		2		Havelte, reindeer hunters			no faunal remains (Terberger pers. comm.)	Johnson & Stapert 2004; Clausen 1997; Fischer & Tauber 1986; Hedges et al. 1992; Vermeersch 2006; Terberger pers. comm. 2009
137	Oldeholtwolde		52,5500	6,0100	6	West	NL	Friesland		Westelingwerf	Hedges et al. 1992; Vermeersch 2006	x			3		11300	110	OxA-2560	*Pinus* sp. charcoal	Usselo horizon	2		Havelte, reindeer hunters			no faunal remains (Terberger pers. comm.)	Johnson & Stapert 2004; Clausen 1997; Fischer & Tauber 1986; Hedges et al. 1992; Vermeersch 2006; Terberger pers. comm. 2009
137	Oldeholtwolde		52,5500	6,0100	6	West	NL	Friesland		Westelingwerf	Hedges et al. 1992; Vermeersch 2006	x			3		11540	270	GrN-10274	charcoal of *Salix* from below heath stones		2		Havelte, reindeer hunters			no faunal remains (Terberger pers. comm.)	Johnson & Stapert 2004; Clausen 1997; Fischer & Tauber 1986; Hedges et al. 1992; Vermeersch 2006; Terberger pers. comm. 2009
137	Oldeholtwolde		52,5500	6,0100	6	West	NL	Friesland		Westelingwerf	Hedges et al. 1992; Vermeersch 2006	x			3		11080	280	GrN-12280	charcoal of *Salix* within a hearth (probably the lab took another sample)		2		Hamburgian			no faunal remains (Terberger pers. comm.)	Vermeersch 2006; Terberger pers. comm. 2009
137	Oldeholtwolde		52,5500	6,0100	6	West	NL	Friesland		Westelingwerf	Hedges et al. 1992; Vermeersch 2006	x			3		11600	250	GrN-13083	natural charcoal		2		Hamburgian	Usselo horizon?		no faunal remains (Terberger pers. comm.)	Vermeersch 2006; Terberger pers. comm. 2009
137	Oldeholtwolde		52,5500	6,0100	6	West	NL	Friesland		Westelingwerf	Hedges et al. 1992; Vermeersch 2006	x			3		11340	100	GrN-11264	peat		2		Hamburgian	Allerød		no faunal remains (Terberger pers. comm.)	Vermeersch 2006; Terberger pers. comm. 2009
138	North Sea 2		52,4500	2,9167		West	NL				Glimmerveen et al. 2006; transdat 10.15	x	CEel		5		8350	50	GrA 20353	second phalanx (*Cervus elaphus*)	GL01	2						Glimmerveen et al. 2006
139	North Sea 3		52,3667	3,1000		West	NL				Glimmerveen et al. 2006; transdat 10.15	x	CEel		5		8820	60	GrA 20256	first phalanx (*Cervus elaphus*)	GL04	2						Glimmerveen et al. 2006
140	Zutphen-Ooijehoek, site M	1	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		SUsc		5		9410	40	GrN-25536	partially charred wood of *Pinus*	2000-1; 68-01-164	2		early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	1	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		CEel		5		9380	60	GrA-16811	bone (axis red deer)	2000-7; 68-0-164 (1)	2		early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	1	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		FEsi		5		7510	60	GrA-16813	bone (humerus red deer)	2000-8; 68-0-164 (2)	2		early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	1	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		RODE		5									early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	2	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		SUsc		5		9390	30	GrN-25698	partially charred wood of *Pinus*	2000-4; 627-196	2		early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	2	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		CEel		5		8870	60	GrA-16814	bone (cranium large mammal)	2000-9; 628-195	2		early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	2	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		CLcl		5		9240	60	GrA-16815	bone (humerus roe deer)	2000-10; 630-192	2		early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	2	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		URar		5		8880	60	GrA-16817	antler (red deer)	2000-11; 631/632-192	2		early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	2	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		CSfi		5		8720	60	GrA-16797	calcined bone (mammal indet.)	2000-12; 630-191	2		early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	2	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		ARte		5		9090	120	GrA-12904	bone (long bone mammal indet.)	2000-13; 631-194	2		early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	2	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		RODE		5									early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	3	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		SUsc		5									early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	3	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		CLcl		5									early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	3	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		CSfi		5									early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	3	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		HOsa		5									early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	4	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		CLcl		5									early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	4	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		CSfi		5									early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	4	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/		RODE		5									early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M	6	52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/				5		7455	25	GrN-25696	wood of *Quercus* (with cutmarks)	2000-2; 68-5-148	2		early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
140	Zutphen-Ooijehoek, site M		52,1333	6,2000	6	West	NL			Zutphen	www.fallingrain.com/world/				5		7480	50	GrA-17160	charcoal *Quercus*	2000-14; 625-196	2		early Mesolithic	after Rammelbeek phase (Late Preboreal) to zone VIII (Atlantik)			Groenewoudt et al. 2001
141	S Bight North Sea		51,9000	3,8000		West	NL				Glimmerveen et al. 2006		SUsc		5		9450	70	UtC 7886	humerus (*Sus scrofa*)	NO. 2684	2						Glimmerveen et al. 2006
141	S Bight North Sea		51,9000	3,8000		West	NL				Glimmerveen et al. 2006		HOsa		5		9870	70	GrA-23205	mandible (*Homo sapiens*)		2						Glimmerveen et al. 2006
141	S Bight North Sea		51,9000	3,8000		West	NL				Glimmerveen et al. 2006		HOsa		5		8340	130	?	cranial bone (*Homo sapiens*)		2						Glimmerveen et al. 2006
142	Eurogeul	NRZ-2	51,3330	3,8167		West	NL				Glimmerveen et al. 2006; transdat 10.15	x	CEel		5		8070	50	GrA-22999	modified antler (*Cervus elaphus*)		2		Early Mesolithic		Boreal		Mol et al. 2006; Glimmerveen et al. 2006
142	Eurogeul	NRZ-2	51,3330	3,8167		West	NL				Glimmerveen et al. 2006; transdat 10.15	x	ALal		5		7970	60	GrA-23201			2						Mol et al. 2006
143	Lemförde am Dümmer		52,4667	8,3833	46	West	D	NSN			www.fallingrain.com/world/		CEel		3		10955	315	Hv-14972	antler point (*Cervus elaphus*)		1		final Paleolithic		Allerød / Late Glacial ("Dryas III")		Lanting & Plicht 1996
144	Sassenberg-Hilgenbrink		52,2500	8,7667	91	West	D	NRW	Kreis Warendorf	Bad Sassenberg-Hilgenbrink	www.fallingrain.com/world/		BOpr		5		9435	70	Hv 14488	bone (*Bos*)		1	8493±101 cal BC; 7485 BC (±70)	Mesolithikum				Auler 1999; Lanser 1990, 2006
145	Kempen	1.8 m below surface	51,8000	8,9500	309	West	D	NRW	Kreis Lippe	Kempen	www.fallingrain.com		EQ	*Equus przewalskii*	0		285	30	Poz-27624	metatarsal (*Equus*)	DkZ 4119, 122	2	between 7000 and 10000 BP	Mesolithic		Preboreal	dating was meant to support preboreal age as published by Springhorn 2003, but yielded much younger date	Springhorn 2003
145	Kempen	1.8 m below surface	51,8000	8,9500	309	West	D	NRW	Kreis Lippe	Kempen	www.fallingrain.com		CLcl		0									Mesolithic		Preboreal	dating was meant to support preboreal age as published by Springhorn 2003, but yielded much younger date	Springhorn 2003
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		HOsa	*Homo sapiens sapiens*	5				ETH-4670	skull (*Homo sapiens*)		1	8030±90 BC	Mesolithic; childrens' burial dug into layer 10; date surely too old		Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CEel		5		8720	400	KN-4151			1	7090±350 BC	Mesolithic		Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CLcl		5		8940	220	KN-4152			1	7250±200 BC	Mesolithic		Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		SUsc		5		8750	220	KN-4148			1	7050±250 BC	Mesolithic		Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CSfi		5		8810	220	KN-4150			1	7100±250 BC	Mesolithic		Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		RGta		5								8000-10000 BP			Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		LE		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		BOveBI		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MIoe		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MIagar		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CYgl		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		AMfl		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CTct		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		ARte		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		AMsy		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MIsu		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		SCvu		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		GLgl		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		TAeu		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		SOar	*S. "araneus"*	5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		SOmi		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CRrule	*Crocidura sp.*	5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		FEsi		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MAma		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 10-14 upper, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MAfo		5											Boreal	dates layers 10-13; small mammals 10-13 & 14 upper (all Boreal), large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 14, base, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CEel		5		9760	330	KN 4153	charcoal		1	8150±300 BC	early Mesolithic		Preboreal	dates layer 14 base; small mammals 14 base (Preboreal); large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 14, base, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CLcl		5									early Mesolithic		Preboreal	dates layer 14 base; small mammals 14 base (Preboreal); large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 14, base, 6	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		SUsc		5									early Mesolithic		Preboreal	dates layer 14 base; small mammals 14 base (Preboreal); large mammals from Preboreal & Boreal layer 6	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 14, base, 6	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		CSfi		5									early Mesolithic		Preboreal	dates layer 14 base; small mammals 14 base (Preboreal); large mammals	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 14, base, 6	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		RGta		5									early Mesolithic		Preboreal	dates layer 14 base; small mammals 14 base (Preboreal); large mammals	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 14, base, 6	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		LE		5									early Mesolithic		Preboreal	dates layer 14 base; small mammals 14 base (Preboreal); large mammals	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 14, base, 6	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		BOveBI		5									early Mesolithic		Preboreal	dates layer 14 base; small mammals 14 base (Preboreal); large mammals	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 14, base, 6	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		MIagar		5									early Mesolithic		Preboreal	dates layer 14 base; small mammals 14 base (Preboreal); large mammals	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 14, base, 6	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		CYgl		5									early Mesolithic		Preboreal	dates layer 14 base; small mammals 14 base (Preboreal); large mammals	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 14, base, 6	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		AMfl		5									early Mesolithic		Preboreal	dates layer 14 base; small mammals 14 base (Preboreal); large mammals	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 14, base, 6	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		CTct		5									early Mesolithic		Preboreal	dates layer 14 base; small mammals 14 base (Preboreal); large mammals	Grote 1990, 1994; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 15, 5	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		MIagar		4	u										Dryas III		Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 15, 5	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		ARte		4	u										Dryas III		Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 15, 5	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		CYgl		4	u										Dryas III		Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 15, 5	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		AMfl		4	u										Dryas III		Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 15, 5	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		FEsi		4	u										Dryas III		Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 15, 5	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		CEel		4	u										Dryas III		Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 15, 5	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		CLcl		4	u										Dryas III		Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 15, 5	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		SUsc		4	u										Dryas III		Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 15, 5	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		LE		4	u										Dryas III		Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layer 15, 5	51,4675	10,0108	225	West	D	NSN	Leineberglan	Göttingen	Grimm pers.		RGta		4	u										Dryas III		Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		SUsc		3								11000-12500 BP	Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CEel		3								8150±300 BC	Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		RGta		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CLcl		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		LE		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MEme		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		DI	*D. gulielmi*	3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MIgr		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		LMlm		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MIagar		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MIoe		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		ARte		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CYgl		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		AMfl		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		SOar	*S. "araneus"*	3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	IX, layers 16-17 upper, 4	51,4675	10,0108	225	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		SOmi		3									Federmesser		Allerød	directly below LST	Grote 1990; Storch 1994; Staesche 1994
146	Bettenroder Berg	I, VI & VIIa-b	51,4684	10,0095	240	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MIgr		3		7170	310	KN-3949			1		Federmesser		Allerød	dates too young, below LST; dates from VIIa; fauna including VI & VIIb	Grote 1994; Storch 1994
146	Bettenroder Berg	I, VI & VIIa-b	51,4684	10,0095	240	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MIagar		3		8640	320	KN-3950			1		Federmesser		Allerød	dates too young, below LST; dates from VIIa; fauna including VI & VIIb	Grote 1994; Storch 1994
146	Bettenroder Berg	I, VI & VIIa-b	51,4684	10,0095	240	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MIag		3									Federmesser		Allerød	dates too young, below LST; dates from VIIa; fauna including VI & VIIb	Grote 1994; Storch 1994
146	Bettenroder Berg	I, VI & VIIa-b	51,4684	10,0095	240	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		MIoe		3									Federmesser		Allerød	dates too young, below LST; dates from VIIa; fauna including VI & VIIb	Grote 1994; Storch 1994
146	Bettenroder Berg	I, VI & VIIa-b	51,4684	10,0095	240	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		ARte		3									Federmesser		Allerød	dates too young, below LST; dates from VIIa; fauna including VI & VIIb	Grote 1994; Storch 1994
146	Bettenroder Berg	I, VI & VIIa-b	51,4684	10,0095	240	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CYgl		3									Federmesser		Allerød	dates too young, below LST; dates from VIIa; fauna including VI & VIIb	Grote 1994; Storch 1994
146	Bettenroder Berg	I, VI & VIIa-b	51,4684	10,0095	240	West	D	NSN	Leinebergland	Göttingen	Grimm pers. comm.		CYru		3									Federmesser		Allerød	dates too young, below LST; dates from VIIa; fauna including VI & VIIb	Grote 1994; Storch 1994

146	Bettenroder Berg	I, VI & VIIa-b	51,4684	10,0095	240	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		CTct		3									Federmesser		Allerød	dates too young, below LST; dates from VIIa; fauna including VI & VIIb	Grote 1994; Storch 1994
146	Bettenroder Berg	I, VI & VIIa-b	51,4684	10,0095	240	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		TAeu		3									Federmesser		Allerød	dates too young, below LST; dates from VIIa; fauna including VI & VIIb	Grote 1994; Storch 1994
146	Bettenroder Berg	I, VI & VIIa-b	51,4684	10,0095	240	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		SOar		3									Federmesser		Allerød	dates too young, below LST; dates from VIIa; fauna including VI & VIIb	Grote 1994; Storch 1994
146	Bettenroder Berg	I, VI & VIIa-b	51,4684	10,0095	240	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		CAlufa		3									Federmesser		Allerød	dates too young, below LST; dates from VIIa; fauna including VI & VIIb	Grote 1994; Storch 1994
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		DI	*D. guilelmi*	3	11770	350	Hv 17371	bone		1			Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		Mlgr		3	10390	260	Hv 17372	bone		1			Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		LMim		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		Mlagar		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		Mloe		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		ARte		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		CYgl		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		AMfl		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		SOar	*S. "araneus"*	3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		BOveBl		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		RGta		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		CLcl		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		SUsc		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		LE		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
146	Bettenroder Berg	IX, 17 base-18a, 3	51,4675	10,0108	225	West	D	NSN	Leineberglan d	Göttingen	Grimm pers. comm.		CSfi		3									Magdalenian		Bølling & Dryas II	dates 18a, too young; fauna from Bølling & Dryas II contexts	Grote 1994; Storch 1994; Staesche 1994; Vermeersch 2006
147	Allerberg Abri	IIIa	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x			3	11395	105	Hv-12515			1			young Paleolithic				Grote 1994; Vermeersch 2006
147	Allerberg Abri	3	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x	EQ		3											Dryas II	same layer as date?	Staesche 1994
147	Allerberg Abri	3	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x	RGta		3											Dryas II	same layer as date?	Staesche 1994
147	Allerberg Abri	3	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x	LEti		3											Dryas II	same layer as date?	Staesche 1994
147	Allerberg Abri	3	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x	Blpr		3											Dryas II	same layer as date?	Staesche 1994
147	Allerberg Abri	3	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x	CAlu		3											Dryas II	same layer as date?	Staesche 1994
147	Allerberg Abri	3	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x	APla		3											Dryas II	same layer as date?	Staesche 1994
147	Allerberg Abri	3	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x	SUsc		3											Dryas II	same layer as date?	Staesche 1994
147	Allerberg Abri	5	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x	EQ		4											Dryas III		Staesche 1994
147	Allerberg Abri	5	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x	BOveBl		4											Dryas III		Staesche 1994
147	Allerberg Abri	5	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x	RGta		4											Dryas III		Staesche 1994
147	Allerberg Abri	5	51,4659	9,9863	215	West	D	NSN	Leineberglan d	Reinhausen	Grote 1994 ?	x	LE		4											Dryas III		Staesche 1994
148	Stendel	XVIII	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		EQ		1	13105	70	OxA-10470	bone *Equus* sp.		2							Bronk Ramsey et al. 2002
148	Stendel	XVIII	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		RGta		1	12860	75	OxA-10471	bone *Rangifer tarandus*		2							Bronk Ramsey et al. 2002
148	Stendel	XVIII	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.				1	12970	70	OxA-10494	bone *Equus* sp.		2							Bronk Ramsey et al. 2002
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		DI	*D. guilelmi*	3											Allerød		Storch 1994
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		Mlgr		3											Allerød		Storch 1994
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		Mlagar		3											Allerød		Storch 1994
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		Mlag		3											Allerød		Storch 1994
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		Mloe		3											Allerød		Storch 1994
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		CYru		3											Allerød		Storch 1994
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		CYgl		3											Allerød		Storch 1994
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		ARte		3											Allerød		Storch 1994
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		Slbe		3											Allerød		Storch 1994
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		TAeu		3											Allerød		Storch 1994
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		SOar	*S. "araneus"*	3											Allerød		Storch 1994
148	Stendel	21	51,4405	9,9776	280	West	D	NSN	Leineberglan d		Grimm pers. comm.		SOmi		3											Allerød		Storch 1994
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		NEan		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		SOal		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		SOar		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		TAeu		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		RHhi		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		MYbe		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		MYmy		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		MYem		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		BAba		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		PLau		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		LEeu		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		ARte		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		CYgl		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		LMim		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		Mlag		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		Mlar		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		AMsy		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		MOmi		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		MSav		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		GLgl		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		EMqu		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer 0/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scherzfeld	Eurofauna Database		MTer		5											early Holocene		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer A/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scharfeld	Eurofauna Database		SOar		4	u										YD or Preboreal		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer A/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scharfeld	Eurofauna Database		MYmy		4	u										YD or Preboreal		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer A/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scharfeld	Eurofauna Database		CYgl		4	u										YD or Preboreal		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer A/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scharfeld	Eurofauna Database		MI		4	u										YD or Preboreal		Nielbock 1987, 1989, 1990
149	Einhornhöhle	layer A/ Jacob-Friesen-Gang	51,4000	10,2000		West	D	NSN	Harz	Scharfeld	Eurofauna Database		Mlar		4	u										YD or Preboreal		Nielbock 1987, 1989, 1990
150	Gladbeck	sample 2	51,9167	7,2833	104	West	D	NRW			www.fallingrain.com/world/		Blbo		5											Preboreal		Siegfried 1961
151	Dinslaken		51,5666	6,7333		West	D	NRW			Vermeersch 2006		ALal		3	10790	105	Hv-1414	wood		1	10759±102 cal BC		Federmesser		Allerød according to Street & Baales 1999		Street et al. 1994; Street & Baales 1999; Lanting & Plicht 1996; Vermeersch 2006
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		URar		5							8700 cal BC		Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		CAlu		5									Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		MEme		5									Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		VUvu		5									Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		FEsi		5									Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		MA		5									Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		CARN	Mustelidae	5									Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		CEel		5									Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		EQ		5									Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		BO		5									Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		CLcl		5									Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
152	Blätterhöhle	mesolithic	51,3500	7,4600	195	West	D	NRW	Lenne	Hagen	www.fallingrain.com/world/		SUsc		5									Mesolithic			URar not yet directly dated; faunal list incomplete	Orschied 2008 (GAPA conference)
153	Dormagen-Staberg		51,1000	6,8000	38	West	D	NRW	lower Rhineland	Dormagen	www.fallingrain.com/world/		BOpr		5	8140	80	Hv 19311	peat		1	7138±113 cal BP		none	early Boreal assignment by pollen analysis	early Boreal	single find	Street & Baales 1999; Auler 1999
154	Grevenbroich		51,0833	6,5833	54	West	D	NRW	lower Rhineland		www.fallingrain.com/world/		BOpr		5									none		early Holocene	single find	Street & Baales 1999
155	Gustorf	8	51,0833	6,5833		West	D	NRW	Rhineland		Vermeersch 2006		BOpr		5									Mesolithic		Boreal		Street & Baales 1999; Vermeersch 2006
155	Gustorf	8	51,0833	6,5833		West	D	NRW	Rhineland		Vermeersch 2006		BI		5									Mesolithic		Boreal		Street & Baales 1999; Vermeersch 2006
155	Gustorf	8	51,0833	6,5833		West	D	NRW	Rhineland		Vermeersch 2006		ALal		5									Mesolithic		Boreal		Street & Baales 1999; Vermeersch 2006
155	Gustorf	8	51,0833	6,5833		West	D	NRW	Rhineland		Vermeersch 2006		SUsc		5									Mesolithic		Boreal		Street & Baales 1999; Vermeersch 2006
155	Gustorf		51,0833	6,5833		West	D	NRW	Rhineland		Vermeersch 2006				5	5420	180	KN-2999	burnt bone		1			Mesolithic [Hambacher group]				Vermeersch 2006
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	SOmi		5	10270	90	KN-3995	wood	sample 1	1	10116±184 cal BC		Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no Dltto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	SOar		5	10070	95	KN-3996	wood	sample 2	1	9475±475 cal BC		Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no Dltto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	TAeu		5	9780	100	KN-3999	wood	sample 5	1	8898±172 cal BC		Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no Dltto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	ARte		5	9360	90	KN-4002	peat		1	8378±130 cal BC		Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no Dltto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlagar		5	8010	75	KN-4006	peat	sample 12	1	6890±126 cal BC		Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no Dltto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999

156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	MIoe		5		9600	100	KN-3998	wood	sample 4	1	8779±168 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		5		9690	85	KN-4001	peat	sample 7	1	8870±147 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	BOpr		5		10010	85	KN-3997	wood	sample 3	1	9344±252 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	CEel		5		10020	100	KN-4136	bone (*Bos*)	sample 96/108-1	1	9386±278 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	CLcl		5		10140	100	KN-4139	bone (*Bos*)	sample 87/108-2	1	9788±322 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	SUsc		5		10290	100	KN-4137	bone (*Bos*)	sample 95/105-2	1	10156±195 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	CAlufa	*Canis familiaris*	5		10670	100	KN-4138	bone (*Bos*)	sample 93/106-2	1	8014±74 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	MEme		5		9000	100	KN-4004	peat		1	8059±76 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x	CSfi		5		9060	85	KN-4005	wood (*Betula*)	sample 11	1	8312±105 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x			5		9310	80	KN-4003	wood	sample 9	1	8716±199 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x			5		9540	120	KN-3883B	peat		1	8822±172 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x			5		9660	120	KN-3883A	peat		1	8886±154 cal BC	Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven		51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x			5		9740	100	KN-4135	bone (*Bos*)	sample 90/108-2 (from AH C)	1		Early Mesolithic		Preboreal; listed as Boreal by Street et al. 1994; Preboreal position confirmed by biostratigraphy (Street 1999)	TAeu larger than in Euerwanger Bühl C, ARte same size, no DIto->glacial, no glirids->interglacial, no APsy or CYgl->wood; c. f. Star Carr (except: ALal missing); dates should be handled with care due to plateaux (Street 1999); BOpr dominant (Street 1999)	Kolfschoten 1994; Street et al. 1994; Street 1989; 1999
156	Bedburg-Königshoven	6	51,0442	6,5464	60	West	D	NRW		Grevenbroich	Koenigswald & Heinrich 1996; transdat 11.04	x			5		10010	85	KN-4000	peat		1		Late palaeolithic/Early Mesolithic				Vermeersch 2006
157	Kaster		51,0000	6,3200		West	D	NRW			Hedges et al. 1989	x	EQ		4		10380	140	OxA-1392	bone (*Equus* sp.)	KS-1	2		"Neolithic"				Hedges et al. 1989
158	Scherpenseel		50,7833	6,3000	204	West	D	NRW			www.fallingrain.com/world/				5		8910	80	KN-2662	charcoal	sample 120-10-1	1	7869±66 cal BC					Street et al 1994 (Schulte im Walde 1986)
158	Scherpenseel		50,7833	6,3000	204	West	D	NRW			www.fallingrain.com/world/				5		8920	80	KN-2261	charcoal	sample 120-6-1	1	7976±61 cal BC					Street et al 1994 (Schulte im Walde 1986)
158	Scherpenseel		50,7833	6,3000	204	West	D	NRW			www.fallingrain.com/world/				5		7490	80	KN-2901	charcoal	sample 172	1	6294±80 cal BC					Street et al 1994 (Schulte im Walde 1986)
158	Scherpenseel		50,7833	6,3000	204	West	D	NRW			www.fallingrain.com/world/				5		7510	170	KN-2899	charcoal	sample 213	1	6310±158 cal BC					Street et al 1994 (Schulte im Walde 1986)
158	Scherpenseel		50,7833	6,3000	204	West	D	NRW			www.fallingrain.com/world/				5		7520	240	KN-2900	charcoal	sample 214	1	6289±244 cal BC					Street et al 1994 (Schulte im Walde 1986)
159	Oberkassel		50,7221	7,1686	85	West	D	NRW	Rhineland	Bonn	Grimm pers. comm.		HOsa	*Homo sapiens sapiens*	2		11570	100	OxA-4790	humerus sin. (male *Homo sapiens*)	D 999,56 (RLMB)	2		double burial, Magdalenian (?)			contemporaneous with the earliest final Paleolithic of France (c. f. Le Closeau and Grotte du Cheval at Gouy)	Verworn et al. 1919; Nobis 1986; Street & Baales 1999
159	Oberkassel		50,7221	7,1686	85	West	D	NRW	Rhineland	Bonn	Grimm pers. comm.		CAlufa	*Canis familiaris*	2		11620	60	KIA-4163	ulna dext. (*Canis familiaris*)	OB 31 (RLMB D001001, 16)	2		double burial, Magdalenian (?)			contemporaneous with the earliest final Paleolithic of France (c. f. Le Closeau and Grotte du Cheval at Gouy)	Verworn et al. 1919; Nobis 1986; Street & Baales 1999
159	Oberkassel		50,7221	7,1686	85	West	D	NRW	Rhineland	Bonn	Grimm pers. comm.		URar		2		11780	90	OxA-4791	os penis (*Ursus* sp.)	D 1000a (RLMB D001000, 01)	2		double burial, Magdalenian (?)			contemporaneous with the earliest final Paleolithic of France (c. f. Le Closeau and Grotte du Cheval at Gouy)	Verworn et al. 1919; Nobis 1986; Street & Baales 1999
159	Oberkassel		50,7221	7,1686	85	West	D	NRW	Rhineland	Bonn	Grimm pers. comm.		LYly		2		12110	45	KIA-4161	maxilla dext. (*Canis familiaris*)	D 1001a (RLMB D001001, 01)	2		double burial, Magdalenian (?)			contemporaneous with the earliest final Paleolithic of France (c. f. Le Closeau and Grotte du Cheval at Gouy)	Verworn et al. 1919; Nobis 1986; Street & Baales 1999
159	Oberkassel		50,7221	7,1686	85	West	D	NRW	Rhineland	Bonn	Grimm pers. comm.		CLcl		2		12180	100	OxA-4792	humerus sin. (*Homo sapiens, female*)	D 999, 30 (RLMB)	2		double burial, Magdalenian (?)			contemporaneous with the earliest final Paleolithic of France (c. f. Le Closeau and Grotte du Cheval at Gouy)	Verworn et al. 1919; Nobis 1986; Street & Baales 1999
159	Oberkassel		50,7221	7,1686	85	West	D	NRW	Rhineland	Bonn	Grimm pers. comm.		CEel		2		12210	60	KIA-4162	humerus dext. (*Canis familiaris*)	D 1001a (RLMB D001001, 01)	2		double burial, Magdalenian (?)			contemporaneous with the earliest final Paleolithic of France (c. f. Le Closeau and Grotte du Cheval at Gouy)	Verworn et al. 1919; Nobis 1986; Street & Baales 1999
159	Oberkassel		50,7221	7,1686	85	West	D	NRW	Rhineland	Bonn	Grimm pers. comm.		BIbo	?	2	?	12270	100	OxA-4793	ulna sin. (*Canis familiaris*)	OB 1 + D 1001c (RLMB D001001, 03)	2		double burial, Magdalenian (?)			contemporaneous with the earliest final Paleolithic of France (c. f. Le Closeau and Grotte du Cheval at Gouy)	Verworn et al. 1919; Nobis 1986; Street & Baales 1999
159	Oberkassel		50,7221	7,1686	85	West	D	NRW	Rhineland	Bonn	Grimm pers. comm.		BOpr	?	2									double burial, Magdalenian (?)			contemporaneous with the earliest final Paleolithic of France (c. f. Le Closeau and Grotte du Cheval at Gouy)	Verworn et al. 1919; Nobis 1986; Street & Baales 1999
160	Kartstein	2	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x			4		9995	65	OxA-9032	*Lagopus lagopus*, bone		2		Ahrensburgian				Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	TAeu		4		10090	100	KN-4023	bone (*Lagopus*)		1	9578±314; 10000-11000 BP	Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	SOar		4		9530	90	KN-4073	bone (*Rangifer tarandus*)		1		Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	SO		4		9550	90	KN-4072	bone (*Rangifer tarandus*)		1		Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	SOmi		4		10000	50	KN-4252	bone	IV	1		Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	EReu	admixed	4		10030	60	KN-4254	bone	VI a	1		Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	NEfo		4		9900	45	KN-4254	bone	VI b	1		Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	NEan		4		9685	50	KN-4254	bone	VI c	1		Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	CRrule	*Crocidura leucodon*	4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	OCpu		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	LEti		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	SP	*Spermophilus superciliosus*	4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	CTct		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	ARte		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	CYgl		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	DI	*Dicrostonyx gulielmi*	4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	LMlm		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	MIagar		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	MIgr		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	MIoe		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	AMfl		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	AMsy	admixed?	4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	SIbe		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	APla		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	CAlufa	*Canis familiaris*	4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	CAlu		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	VUvu		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	MA		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	MTer		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	MTni		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	EQ	*Equus caballus przewalski*	4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	RGta		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	BO	admixed?	4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
160	Kartstein	Ahrensburgian layers (Kartstein abri)	50,5500	6,6500	400	West	D	NRW	Eifel	Eiserfey	Koenigswald & Heinrich 1996; transdat	x	CPib		4									Final Paleolithic, Tanged Point complex, Ahrensburgian		continental steppe and arctic tundra elements together unlike localities further south	hedgehog is Holocene intermixture (Sommer 2007); KN-4072 ans 4073 uncertain dates, AMsy propably intermixed from Holocene like SCvu and perhaps PIsu; more LM than DI; BOveBI intermixed? (Baales 1996)	Rabenstein 1991; Street et al. 1994; Baales 1996; Street & Baales 1999; Sommer 2007; Vermeersch 2006
161	Schermbeck	near mesolithic site	51,5000	6,7500		West	D	NRW	Wesel		figure in Bosinski et al. 1995		RGta		4	u								antler axe, comparable to Lyngby axes, but found close to mesolithic site				Bosinski et al. 1995
162	Metternich		50,7333	6,8833		West	D	RPF		Koblenz	Vermeersch 2006		EQ		1		13500	90	OxA-10492	*Equus* sp., bone with cutmarks		2		?				Vermeersch 2006
162	Metternich		50,7333	6,8833		West	D	RPF		Koblenz	Vermeersch 2006				1		13185	80	OxA-10493	*Equus* sp., bone with cutmarks		2		?				Vermeersch 2006
162	Metternich		50,7333	6,8833		West	D	RPF		Koblenz	Vermeersch 2006				1		13270	180	OxA-10651	*Equus* sp., bone		2		?				Vermeersch 2006
163	Bad Breisig		50,5301	7,2854	68	West	D	RPF		Bad Breisig	Grimm pers. comm.; transdat 10.15		CEel		3		10840	60	GrA-17493	charcoal (*Pinus*)		2		Federmesser group with Malaurie		Latest Allerød	Kartenblatt Nr. 5409 Linz	Grimm 2004; Baales & Jöris 2001; Street et al. 2006b
163	Bad Breisig		50,5301	7,2854	68	West	D	RPF		Bad Breisig	Grimm pers. comm.; transdat 10.15		CLcl	taxon uncertain	3		10480	80	GrA-17642	charcoal (hardwood)		2		Federmesser group with Malaurie		Latest Allerød	Kartenblatt Nr. 5409 Linz	Grimm 2004; Baales & Jöris 2001; Street et al. 2006b
163	Bad Breisig		50,5301	7,2854	68	West	D	RPF		Bad Breisig	Grimm pers. comm.; transdat 10.15		CER	CE/CL	3		10220	60	GrA-17716	burnt bone		2		Federmesser group with Malaurie		Latest Allerød	Kartenblatt Nr. 5409 Linz	Grimm 2004; Baales & Jöris 2001; Street et al. 2006b
163	Bad Breisig		50,5301	7,2854	68	West	D	RPF		Bad Breisig	Grimm pers. comm.; transdat 10.15		EQ		3									Federmesser group with Malaurie		Latest Allerød	Kartenblatt Nr. 5409 Linz	Grimm 2004; Baales & Jöris 2001; Street et al. 2006b

163	Bad Breisig		50,5301	7,2854	68	West	D	RPF		Bad Breisig	Grimm pers. comm.; transdat 10.15		LE		3								Federmesser group with Malaurie		Latest Allerød	Kartenblatt Nr. 5409 Linz	Grimm 2004; Baales & Jöris 2001; Street et al. 2006b
163	Bad Breisig		50,5301	7,2854	68	West	D	RPF		Bad Breisig	Grimm pers. comm.; transdat 10.15		LAGO	LE/OR	3								Federmesser group with Malaurie		Latest Allerød	Kartenblatt Nr. 5409 Linz	Grimm 2004; Baales & Jöris 2001; Street et al. 2006b
163	Bad Breisig		50,5301	7,2854	68	West	D	RPF		Bad Breisig	Grimm pers. comm.; transdat 10.15		CARN	*Canis* or *Meles*	3								Federmesser group with Malaurie		Latest Allerød	Kartenblatt Nr. 5409 Linz	Grimm 2004; Baales & Jöris 2001; Street et al. 2006b
163	Bad Breisig		50,5301	7,2854	68	West	D	RPF		Bad Breisig	Grimm pers. comm.; transdat 10.15		VUvu		3								Federmesser group with Malaurie		Latest Allerød	Kartenblatt Nr. 5409 Linz	Grimm 2004; Baales & Jöris 2001; Street et al. 2006b
164	Niederbieber	II	50,4726	7,4762	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		ALal		3	11110	110	OxA-2066	bone (*Alces*)	sample 71/80-2	2	11068±106 cal BC	Federmesser				Street et al. 1994; Street 1993; Street et al. 2006b; Baales 2002; Baales 2006
164	Niederbieber	II	50,4726	7,4762	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		EQ	uncertain association	3	9750	240	OxA-1133	*Alces alces* ?	sample 71/73-3	2		Federmesser				Street et al. 1994; Street 1993; Street et al. 2006b; Baales 2002; Baales 2006
164	Niederbieber	II	50,4726	7,4762	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CEel		3	6250	130	OxA-1134	tooth *Equus*	72/79-18	2		Federmesser				Street et al. 1994; Street 1993; Street et al. 2006b; Baales 2002; Baales 2006
164	Niederbieber	II	50,4726	7,4762	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		MA		3								Federmesser				Street et al. 1994; Street 1993; Street et al. 2006b; Baales 2002; Baales 2006
164	Niederbieber	III	50,4723	7,4737	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		EQ		3	11130	130	OxA-1135	bone (*Equus* sp.)	sample -70/-37-1	2	11085±126 cal BC					Street et al. 1994; Street 1993
164	Niederbieber	general	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		EQ		3								Federmesser			CPib in IV; SUsc? in VII	Street & Baales 1997 (fauna); Bolus et al. 1992 (archaeology)
164	Niederbieber	general	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CEel		3								Federmesser			CPib in IV; SUsc? in VII	Street & Baales 1997 (fauna); Bolus et al. 1992 (archaeology)
164	Niederbieber	general	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		ALal		3								Federmesser			CPib in IV; SUsc? in VII	Street & Baales 1997 (fauna); Bolus et al. 1992 (archaeology)
164	Niederbieber	general	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		BOpr	taxon uncertain	3								Federmesser			CPib in IV; SUsc? in VII	Street & Baales 1997 (fauna); Bolus et al. 1992 (archaeology)
164	Niederbieber	general	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CPib		3								Federmesser			CPib in IV; SUsc? in VII	Street & Baales 1997 (fauna); Bolus et al. 1992 (archaeology)
164	Niederbieber	general	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		SUsc	taxon uncertain	3								Federmesser			CPib in IV; SUsc? in VII	Street & Baales 1997 (fauna); Bolus et al. 1992 (archaeology)
164	Niederbieber	general	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		MEme		3								Federmesser			CPib in IV; SUsc? in VII	Street & Baales 1997 (fauna); Bolus et al. 1992 (archaeology)
164	Niederbieber	general	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CSfi		3								Federmesser			CPib in IV; SUsc? in VII	Street & Baales 1997 (fauna); Bolus et al. 1992 (archaeology)
164	Niederbieber	general	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.				3								Federmesser			some dates younger than LST and therefore rejected	Street & Baales 1999; Street et al. 1994
164	Niederbieber	I	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		ALal	uncertain association	3	10700	60	OxA-1132	*Cervus elaphus* , bone (?)	34/ 37-8	2		Federmesser				Baales 2002; Street et al. 2006b
164	Niederbieber	I	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CEel		3								Federmesser				Baales 2002; Street et al. 2006b
164	Niederbieber	I	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		BOV	cf. *Bos* sp., uncertain association	3								Federmesser				Baales 2002; Street et al. 2006b
164	Niederbieber	I	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		MEme	uncertain association	3								Federmesser				Baales 2002; Street et al. 2006b
164	Niederbieber	IV	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CEel		3	10480	130	OxA-1136	*Cervus elaphus* , bone (?)	52/ 18-6	2		Federmesser				Baales 2002; Street et al. 2006b
164	Niederbieber	IV	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CPib		3								Federmesser				Baales 2002; Street et al. 2006b
164	Niederbieber	VII	50,4722	7,4754	103	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CEel		3	10390	100	OxA-2067	tooth *Cervus*	19/46-3	2		Federmesser				Baales 2006
165	Gönnersdorf	C I	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	MMpr		1	12910	130	OxA-5729	bone (*Equus*)	Grube 17	2		Magdalenian		end of GS2a		Stuart et al. 2002; Street et al. 2006b; Vermeersch 2006
165	Gönnersdorf	C I	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	EQ		1	12790	120	OxA-5730	bone (*Equus*)	Grube 20	2		Magdalenian		end of GS2a		Stuart et al. 2002; Street et al. 2006b; Vermeersch 2006
165	Gönnersdorf	C I	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	RGta		1	12730	130	OxA-5728	bone fragments	Grube 6	2		Magdalenian		end of GS2a		Stuart et al. 2002; Street et al. 2006b; Vermeersch 2006
165	Gönnersdorf	C I	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	SAta		1	14380	100		femur (*Mammuthus*)				Magdalenian		end of GS2a		Stuart et al. 2002; Street et al. 2006b; Vermeersch 2006
165	Gönnersdorf	C I	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	APla		1								Magdalenian		end of GS2a		Stuart et al. 2002; Street et al. 2006b; Vermeersch 2006
165	Gönnersdorf	C I	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	LEti		1								Magdalenian		end of GS2a		Stuart et al. 2002; Street et al. 2006b; Vermeersch 2006
165	Gönnersdorf	C I	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CAlu		1								Magdalenian		end of GS2a		Stuart et al. 2002; Street et al. 2006b; Vermeersch 2006
165	Gönnersdorf	C I	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	BI	taxon uncertain	1								Magdalenian		end of GS2a		Stuart et al. 2002; Street et al. 2006b; Vermeersch 2006
165	Gönnersdorf	C I	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CEel		1								Magdalenian		end of GS2a		Stuart et al. 2002; Street et al. 2006b; Vermeersch 2006
165	Gönnersdorf	C II	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	MMpr		1	14570	90		tusk fragment (*Mammuthus*)				Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C II	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	EQ		1	13610	80	London	bone and teeth (*Coelodonta*)				Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C II	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	RGta		1	13810	90	London	bone and teeth (*Coelodonta*)				Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C II	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	APla		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C II	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	LEti		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C II	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CAlu		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C II	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	RUru		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C II	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	BI	taxon uncertain	1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C II	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CDan		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C II	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CEel		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C III	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	MMpr		1	13060	60		*Rangifer tarandus*				Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C III	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	EQ		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C III	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	RGta		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C III	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	APla		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C III	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	LEti		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C III	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	RUru		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C III	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	BI	taxon uncertain	1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C III	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CDan		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C IV	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	EQ		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C IV	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	RGta		1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	C IV	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	BI	taxon uncertain	1								Magdalenian		end of GS2a		Street et al. 2006b
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	MMpr		1	12660	370	Ly-1172	bone			1 12958±531 cal BC	Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	EQ		1	12910	105	KN-1980	Mollusca			1 13332±167 cal BC	Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CDan		1	12385	65	OxA-15296	*Cervus elaphus* , bone	see date of *Alces* in SW Concentration	2		Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	RGta		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	Blpr		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	SAta		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	RUru		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CEel	uncertain stratum	1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	ALal	uncertain stratum	1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	APla		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	VUvu		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CAlu		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	MTni		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	TAeu		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	SOms		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	SOmi		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	SO		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	NEan		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	LEti		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	OCpu		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	AMfl		1								Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacher 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)

165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	PHsu		1									Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacker 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CTma		1									Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacker 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CYgl		1									Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacker 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	DI	*Dicrostonyx torquatus*	1									Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacker 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	DI	*Dicrostonyx gulielmi*	1									Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacker 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	ARte		1									Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacker 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	ARte	*Arvicola antiquus*	1									Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacker 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	MIoe		1									Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacker 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	MIar		1									Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacker 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	MIag		1									Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacker 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	all Magdalenian	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	MIgr		1									Magdalenian, multiple occupations		end of GS2a	CEel and ALal probably from younger occupation (Gönnersdorf V); horse dominant element (Bratlund 1996)	Street et al. 1994; Brunnacker 1978; Street & Baales 1999; Poplin 1976; Rabenstein 1988; Street 1993; Malec 1978 (fauna); Street et al 2006b (*Cervus* date)
165	Gönnersdorf	SW Concentration	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x			2		12385	65		bone *Alces*				Magdalenian		very beginning of GI 1e	ALal and CEel found in SW part of excavation probably belong to this early interstadial and not to main occupation (Street & Baales 1999); horse dominant element (Bratlund 1996)	Street et al. 2006b, 1994; Street 1993; Brunnacker 1978; Street & Baales 1999; Bosinski 1981; Vermeersch 2006
165	Gönnersdorf	SW Concentration	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	EQ		2		10540	210	KN-1979	snail shells		1	10467±287 cal BC	Magdalenian		very beginning of GI 1e	ALal and CEel found in SW part of excavation probably belong to this early interstadial and not to main occupation (Street & Baales 1999); horse dominant element (Bratlund 1996)	Street et al. 2006b, 1994; Street 1993; Brunnacker 1978; Street & Baales 1999; Bosinski 1981; Vermeersch 2006
165	Gönnersdorf	SW Concentration	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	RGta		2		12910	105	KN-I 980	snail shells		1		Magdalenian		very beginning of GI 1e	ALal and CEel found in SW part of excavation probably belong to this early interstadial and not to main occupation (Street & Baales 1999); horse dominant element (Bratlund 1996)	Street et al. 2006b, 1994; Street 1993; Brunnacker 1978; Street & Baales 1999; Bosinski 1981; Vermeersch 2006
165	Gönnersdorf	SW Concentration	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	APla		2		12660	370	Ly-1172	bone		1		Magdalenian		very beginning of GI 1e	ALal and CEel found in SW part of excavation probably belong to this early interstadial and not to main occupation (Street & Baales 1999); horse dominant element (Bratlund 1996)	Street et al. 2006b, 1994; Street 1993; Brunnacker 1978; Street & Baales 1999; Bosinski 1981; Vermeersch 2006
165	Gönnersdorf	SW Concentration	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	CEel		2		11100	650	Ly-1173	bone		1	11056±861 cal BC	Magdalenian		very beginning of GI 1e	ALal and CEel found in SW part of excavation probably belong to this early interstadial and not to main occupation (Street & Baales 1999); horse dominant element (Bratlund 1996)	Street et al. 2006b, 1994; Street 1993; Brunnacker 1978; Street & Baales 1999; Bosinski 1981; Vermeersch 2006
165	Gönnersdorf	SW Concentration	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	ALal		2		11830	110	OxA-2096	ivory	II	2	11841±128 cal BC	Magdalenian		very beginning of GI 1e	ALal and CEel found in SW part of excavation probably belong to this early interstadial and not to main occupation (Street & Baales 1999); horse dominant element (Bratlund 1996)	Street et al. 2006b, 1994; Street 1993; Brunnacker 1978; Street & Baales 1999; Bosinski 1981; Vermeersch 2006
165	Gönnersdorf	SW Concentration	50,4430	7,4216	90	West	D	RPF	Neuwied Basin	Gönnersdorf	Koenigswald & Heinrich 1996; transdat 10.15	x	BOveBI		2									Magdalenian		very beginning of GI 1e	ALal and CEel found in SW part of excavation probably belong to this early interstadial and not to main occupation (Street & Baales 1999); horse dominant element (Bratlund 1996)	Street et al. 2006b, 1994; Street 1993; Brunnacker 1978; Street & Baales 1999; Bosinski 1981; Vermeersch 2006
166	Andernach-Martinsberg	2	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				2	u	12300	200	OxA-985	bone (*Rupicapra* ?)		2	12422±267 cal BC (Street et al. 1994)	Magdalenian		dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); Kegler (2002) gives different calBC; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				2	u	12500	500	OxA-999	bone (*Cervus*)	sample 20/87	2	12738±684 cal BC (Street et al. 1994)	Magdalenian		dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); Kegler (2002) gives different calBC; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				2	u	11370	160	OxA-998	bone (*Bos* / *Bison*)	sample 21/82-13	2	11323±165 cal BC (Street et al. 1994)			dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); Kegler (2002) gives different calBC; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				2	u	11890	120	OxA-1924	bone (*Cervus*)	sample 20/87	2	11906±141 cal BC (Street et al. 1994)			dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); Kegler (2002) gives different calBC; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				2	u	7360	40	GrA-16616	calcined bone	Qu: 25/85; 25/86	2	6187±67 cal BC (Kegler 2002)			dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				2	u	9490	45	GrA-16613	calcined bone	Qu: 21/86	2	8894±186 (Kegler 2002)			dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				2	u	10970	60	GrA-16521	calcined bone	Qu: 18/85; 18/86	2	10959±49 (Kegler 2002)			dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				2	u	11820	70	GrA-16990	bone (artiodactyle)	Qu: 25/86-46	2	11678±155 (Kegler 2002)			dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				2	u	11960	70	GrA-19689	bone (*Cervus*)	Qu: 21/86-109	2	11825±179 (Kegler 2002)			dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				2	u	12040	70	GrA-16991	bone (*Bos* / *Bison*)	Qu: 24/86-55	2	11913±165 (Kegler 2002)			dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				2	u	12050	70	GrA-16987	bone (*Castor fiber*)	Qu: 21/86	2	11924±160 (Kegler 2002)			dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2 Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Basin	Andernach	comm.		ALal		3		13180	70	GrA-16980	bone (*Cervus elaphus* ?)		2	2002)	Federmesser		older; multi-phase occupation not yet certain	date situation is currently worked on (Grimm per. comm.	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2 Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Basin	Andernach	comm.		CEel		3		13110	80	GrA-16985	bone (*Cervus elaphus* ?)		2	2002)	Federmesser		older; multi-phase occupation not yet certain	date situation is currently worked on (Grimm per. comm.	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2 Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CLcl		3		11950	250	OxA-984	bone (*Cervus*)	sample 20/85	2	11980±300 cal BC (Street et al. 1994)	Federmesser		dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); Kegler (2002) gives different calBC	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2 Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		BOV	cf. *Bos*	3		11800	160	OxA-997	bone (*Cervus*)	sample 20/54-41	2	11797±185 cal BC (Street et al. 1994)	Federmesser		dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); Kegler (2002) gives different calBC	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2 Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		RUru		3									Federmesser		dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); Kegler (2002) gives different calBC	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2 Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		EQ	association uncertain	3									Federmesser		dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); Kegler (2002) gives different calBC	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2 Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CSfi		3									Federmesser		dates more scattered than Andernach 3, altogether rather older; multi-phase occupation not yet certain	horse dominant (Bratlund 1996); Kegler (2002) gives different calBC	Street et al. 1994, 2006b; Hedges et al. 1987; Sommer et al. 2008a; Kegler 2002
166	Andernach-Martinsberg	2 C I	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		MMpr		1		12930	180	OxA-1125	bone (*Equus*)	"Grube 20"	2	13357±279 cal BC	Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C I	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		EQ		1		12890	140	OxA-1126	bone (*Equus*)	"Grube 20"	2	13298±220 cal BC	Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C I	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		RGta		1									Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C I	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		APla		1									Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C I	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		LEti		1									Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C I	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CEel		1									Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C II	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		MMpr		1		12820	130	OxA-1127	bone (*Equus*)	"Grube 12"	2	13187±205 cal BC	Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C II	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		EQ		1		13200	140	OxA-1128	bone (*Equus*)	"Grube 35"	2	13781±205 cal BC	Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C II	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		RGta		1		13090	130	OxA-1129	bone (*Equus*)	"Grube 35"	2	13616±197 cal BC	Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C II	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		APla		1									Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C II	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		LEti		1									Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C III	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		MMpr		1		12950	140	OxA-1130	bone	"Grube 28"	2	13395±219 cal BC	Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C III	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		EQ		1									Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C III	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		RGta		1									Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C III	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		APla		1									Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C III	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		LEti		1									Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	2 C III	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		BI	taxon uncertain	1									Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994, 2006b; Hedges et al. 1987
166	Andernach-Martinsberg	3 C IV	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		MMpr		1	u								Magdalenian			confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 2006b
166	Andernach-Martinsberg	3 C IV	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		EQ		1	u								Magdalenian			confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 2006b
166	Andernach-Martinsberg	3 C IV	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		RGta		1	u								Magdalenian			confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 2006b
166	Andernach-Martinsberg	3 C IV	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		APla		1	u								Magdalenian			confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 2006b
166	Andernach-Martinsberg	3 C IV	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		LEti		1	u								Magdalenian			confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 2006b
166	Andernach-Martinsberg	3	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				3		5775	40	GrA-16621	calcined bone	Qu: 29/17	2	4624±60			start of last third of Allerød oscillation	confusing find and date situation is currently worked on (Grimm per. comm.)	Kegler 2002
166	Andernach-Martinsberg	3	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				3		7550	40	GrA-16618	calcined bone	Qu: 26/19; 27/20	2	6394±45			start of last third of Allerød oscillation	confusing find and date situation is currently worked on (Grimm per. comm.)	Kegler 2002
166	Andernach-Martinsberg	3	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				3		11160	70	GrA-16994	bone	Qu: 29/17	2	11098±94			start of last third of Allerød oscillation	confusing find and date situation is currently worked on (Grimm per. comm.)	Kegler 2002
166	Andernach-Martinsberg	3	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.				3		11590	80	GrA-16993	bone	Qu: 26/19; 27/20	2	11472±142			start of last third of Allerød oscillation	confusing find and date situation is currently worked on (Grimm per. comm.)	Kegler 2002
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		EQ	taxon uncertain	3		11300	220	H-85/91	antler (*Cervus* / *Rangifer*)		1	11254±223 cal BC				segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CEel		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CLcl	taxon uncertain	3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		ALal		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		BOpr	taxon uncertain	3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		RUru		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CAlufa	taxon uncertain	3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CSfi		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		AMfl		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CTct		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CYgl		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		ARte		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		MIoe		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		MIagar		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		TAeu		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		SOar		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		SOmi	*Sorex* cf. *minutus*	3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		NEfo		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	Federmesser horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		PLau		3												segregation: thermophilious species not at same level al LMlm; confusing find and date situation is currently worked on (Grimm per. comm.)	Street et al. 1994; Street & Baales 1997 (fauna)
166	Andernach-Martinsberg	lower horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		MMpr		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50,4335	7,3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		EQ		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)

166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CDan		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		RGta		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		Blpr		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		SAta		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		RUru		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CEel		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		ALal		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		APla		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		VUvu		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CAlu		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		MTni		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		TAeu		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		SOms		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		SOmi		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		SO		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		NEan		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		LEti		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		OCpu		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		AMfl		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		PHsu		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CTma		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		CYgl		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		DI	*Dicrostonyx torquatus*	1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		DI	*Dicrostonyx gulielmi*	1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		ARte		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		ARte	*Arvicola antiquus*	1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		Mioe		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		Mlar		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		Mlag		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
166	Andernach-Martinsberg	lower horizon	50.4335	7.3999	81	West	D	RPF	Neuwied Basin	Andernach	Grimm pers. comm.		Mlgr		1	u								Magdalenian			horse dominant (Bratlund 1996); confusing find and date situation is currently worked on (Grimm per. comm.)	Street & Baales 1999; Poplin 1972; Street 1993; Malec 1978 (fauna)
167	Kettig		50.3958	7.4701	74	West	D	RPF			Grimm pers. comm.		EQ		3		11210	60	GrA-14762	*metacarpal (Capreolus capreolus)*		2		Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CEel		3		11314	50	Hd-18123	bone		1		Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CLcl		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		BOveBI		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		RUru	taxon uncertain	3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		URar		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CAlu		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		VUvu		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		MTni		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		MA		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CSfi		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		AMfl		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CTct		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		CYgl		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		ARte		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		MI		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		Mlag		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		Mioe		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		Mlagar		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		TAeu	*Talpa europaea magna*	3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		SOar	Araneus goup	3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		SOmi	*Sorex* cf. *minutus*	3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		NEfo		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
167	Kettig		50.3958	7.4701	74	West	D	RPF	Neuwied Basin		Grimm pers. comm.		NY		3									Federmesser		Allerød; winters cold and humid		Kalthoff 1998; Street & Baales 1997 (fauna); Baales 2002; Street et al. 2006b; Vermeersch 2006
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	SOar		3		10800	100	(Bonn 763)	bone		1	10774±97 cal BC	none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	SOmi		3		20280	160	Poz-26897	*Marmota marmota* , bone fragments	ZFMK Ex. 1	2	22800BC (95.4%) 21900BC (OxCal; Gostar pers. comm. 20.10.2008)	none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	TAeu	*Talpa* sp.	3									none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	ARte		3									none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	CYgl		3									none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	Mlagar		3									none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	Mioe		3									none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	AM		3									none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	MRmr		3									none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	MTni		3									none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	CLcl		3									none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	CEel		3									none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
168	Michelberg		50.3500	7.3833	219	West	D	RPF	Bassenheim	Ochtendung	Koenigswald & Heinrich 1996; www.fallingrain.com/world/	x	RUru		3									none		Allerød	Bonn date too young (position below LST); Poz date uncertain due to too little collagen	Street et al. 1994; Street & Baales 1999; Boecker et al. 1972; own date
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	RHhi		0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	PLau		0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	MYna		0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	Plpi	*Pipistrellus* sp.	0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	SOar		0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	CRcule	*Crocidura leucodon*	0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	TAeu	*Talpa europaea europaea*	0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	TAeu	*Talpa europaea magna*	0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	CTct		0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	ARte	large	0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	Mioe		0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50.3040	6.7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	Mlar		0												cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993

169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	Mlag		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	CYgl		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	AMsy		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	LEti		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	ORcu		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	FEsi		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	MEme		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	URar		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	EQ		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	SUsc		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	ALal		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	CEel		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	RGta		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
169	Uxheim-Ahütte	Karsthöhle	50,3040	6,7086		West	D	RPF	Eifel	Berndorf	Hutterer & Koenigswald 1993; transdat 11.04	x	BOpr		0													cold-adapted mammals together with holocene ones, mixed fauna?	Hutterer & Koenigswald 1993
170	Mertloch		50,2667	7,3167	194	West	D	RPF	Neuwied Basin		www.fallingrain.com/world/		EQ		3											Allerød		tracks of URar on LST	Street & Baales 1997; Baales 2002
170	Mertloch		50,2667	7,3167	194	West	D	RPF	Neuwied Basin		www.fallingrain.com/world/		CEel	taxon uncertain	3											Allerød		tracks of URar on LST	Street & Baales 1997; Baales 2002
170	Mertloch		50,2667	7,3167	194	West	D	RPF	Neuwied Basin		www.fallingrain.com/world/		URar		3											Allerød		tracks of URar on LST	Street & Baales 1997; Baales 2002
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x	EQ		3	11030	110	OxA-2611	wood, *Populus*	sample 32/21-3	2	10987±105 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x	CEel		3	11040	110	OxA-2613	charcoal	sample 11/32	2	10998±105 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x	CLcl		3	11060	120	OxA-2614	charcoal	sample 2/21	2	11016±115 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x	BOpr	taxon uncertain	3	11640	120	OxA-2615	shell, mollusc		2	11329±114 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x	CT		3	11370	110	OxA-2616	shell, mollusc	sample 11/32	2	10996±215 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x	ARte		3	11040	220	KN-3519	wood, *Populus*	sample 11/24-8	1	11025±96 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x	TAeu		3	11070	100	KN-3520	wood, *Populus*	sample 13/21-1	1	11034±215 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11080	220	KN-3518	wood, *Populus*	sample 11/24-81	1	11183±94 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11230	95	KN-3516	wood, *Populus*	sample 11/25-1	1	11240±96 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11290	95	KN-3517	wood, *Populus*	sample 11/24-6	1	11312±114 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11360	110	KN-3534	wood, *Populus*	sample 21/21-1	1	11345±94 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11390	90	KN-3532	wood, *Populus*	sample 21/24-1	1	11419±107 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11460	100	KN-3531	wood, *Populus*	sample 18/24-10	1	11420±96 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11460	90	KN-3533	wood, *Populus*	sample 21/24-1	1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	10960	110	OxA-2609	wood, *Populus*	sample 20/41-3	2	10924±104 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	10960	110	OxA-2610	wood, *Populus*	sample 12/11-11	2	10924±104 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	10880	110	OxA-2612	charcoal	sample 42/22	2	10851±105 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	10820	110	OxA-2068	bone (*Capreolus* ?)		2	10788±106 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	10840	195	Zürich	wood, *Populus*		2	10802±193 cal BC	Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	13620	320	Ly-3484			1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11160	95	KN-3576	wood	2/85	1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11240	95	KN-3579	wood	2/85	1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11290	80	KN-3578	wood	2/85	1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11310	95	KN-3577	wood	2/85	1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11330	100	KN-3535	wood	II/7	1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11370	100	KN-3580	wood	2/85	1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11370	85	KN-3529	wood	II/1	1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11440	100	KN-3581	wood	2/85	1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11460	100	KN-3575	wood	2/85	1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	2	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11470	100	KN-3530	wood	II/2	1		Federmesser	willow, grasses, moss, *Populus*		Allerød		OxA-2615 probably wrong; KN-3518=3519???	Street 1986; Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna); Vermeersch 2006
171	Miesenheim	4	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x	CEel		3	11190	90	OxA-3584	bone, *Alces alces*	sample 91/110-1	2	11142±98 cal BC	none			Allerød			Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna)
171	Miesenheim	4	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x	CLcl		3	11310	95	OxA-3585	bone, *Alces alces*	sample 91/111-4	2	11263±97 cal BC	none			Allerød			Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna)
171	Miesenheim	4	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x	ALal		3	11190	100	OxA-3586	bone, *Alces alces*	sample 91/111-3	2	11149±88 calBC	none			Allerød			Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna)
171	Miesenheim	4	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x	VUvu		3	11170	100	OxA-3587	rib and moss, other		2	11124±98 cal BC	none			Allerød			Street et al. 1994; Hedges et al. 1993; Street & Baales 1997 (fauna)
171	Miesenheim	4	50,2400	7,2400	150	West	D	RPF		Neuwied	Koenigswald & Heinrich 1996; transdat 11.07	x			3	11040	60	UIC-4815	wood		2				Allerød				Vermeersch 2006
172	Boppard		50,2328	7,5884	77	West	D	RPF	Rhineland		Grimm pers. comm.		CEel		3	u							Federmesser/Azilian						Gelhausen et al. 2005; Street et al. 2006b
172	Boppard		50,2328	7,5884	77	West	D	RPF	Rhineland		Grimm pers. comm.		SUsc		3	u							Federmesser/Azilian						Gelhausen et al. 2005; Street et al. 2006b
173	Urbar		50,2300	7,3600		West	D	RPF	Neuwied Basin		Eurofauna Database		EQ	taxon uncertain	3	11350	120	OxA-1137	bone (*Cervus*)		2	11305±123 cal BC	Federmesser						Street et al. 1994; Street 1993; Street & Baales 1997 (fauna); Street et al. 2006b
173	Urbar		50,2300	7,3600		West	D	RPF	Neuwied Basin		Eurofauna Database		CEel		3														Street et al. 1994; Street 1993; Street & Baales 1997 (fauna); Street et al. 2006b
173	Urbar		50,2300	7,3600		West	D	RPF	Neuwied Basin		Eurofauna Database		BOpr	taxon uncertain	3														Street et al. 1994; Street 1993; Street & Baales 1997 (fauna); Street et al. 2006b
174	Lathum		51,9833	6,0167	32	West	NL	Gelderland			www.fallingrain.com/world/		PAle	? *Panthera leo spelaea*	0	10670	160	OxA-729	*Panthera leo* , mandible		2							Stuart (1991) does not discern between *Panthera leo* and *P. leo spelaea*	Stuart 1991; Hedges et al. 1987 (old date); Stuart & Lister 2007 (new date)
174	Lathum		51,9833	6,0167	32	West	NL	Gelderland			www.fallingrain.com/world/				0	44850	650	OxA-16715	*Panthera leo* , mandible	same finde, redated	2	48792±992 cal. BP						Stuart (1991) does not discern between *Panthera leo* and *P. leo spelaea*	Stuart 1991; Hedges et al. 1987 (old date); Stuart & Lister 2007 (new date)
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		SO		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		SOar		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		CHIR		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		CTct		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		ARte		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		CYgl		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		DI	*Dicrostonyx guilelmi*	3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		LMim		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		MI		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		Mlagar		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		Mlgr		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		Mloe		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSA	50,6333	5,5667		West	B	Liège		Comblain-au-Pont	Vermeersch 2006		MTer		3											more temperate and humid than younger CCSB, CRM, LCE and CGMphi			Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006

175	Trou Jadot	CCSB	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		SO		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSB	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		TAeu		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSB	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		ARte		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSB	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		CYgl		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSB	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		LMim		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSB	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		MI		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSB	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Mlagar		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CCSB	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Migr		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CGMphi	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		SO		3		11850	160	Lv-1411	bone		1	11690-12010 BP	Creswellian		beginning of Allerad	Mlagar > 20%; LM ceases	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CGMphi	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		SOmi		3									Creswellian		beginning of Allerad	Mlagar > 20%; LM ceases	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CGMphi	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		SO	*Sorex araneus-alpinus*	3									Creswellian		beginning of Allerad	Mlagar > 20%; LM ceases	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CGMphi	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		ARte		3									Creswellian		beginning of Allerad	Mlagar > 20%; LM ceases	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CGMphi	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		CYgl		3									Creswellian		beginning of Allerad	Mlagar > 20%; LM ceases	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CGMphi	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		DI	*Dicrostonyx guilelmi*	3									Creswellian		beginning of Allerad	Mlagar > 20%; LM ceases	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CGMphi	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Mlagar		3									Creswellian		beginning of Allerad	Mlagar > 20%; LM ceases	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CGMphi	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Mini		3									Creswellian		beginning of Allerad	Mlagar > 20%; LM ceases	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CGMphi	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Mioe		3									Creswellian		beginning of Allerad	Mlagar > 20%; LM ceases	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CGMphi	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		AM		3									Creswellian		beginning of Allerad	Mlagar > 20%; LM ceases	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CGMphi	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		MTni		3									Creswellian		beginning of Allerad	Mlagar > 20%; LM ceases	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRla	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		ARte		2	u	12610	260	Lv-1412	large mammal epiphyseal bone		1	12350-12870 BP	Creswellian		Older Dryas	Dlgu 50% 2nd tranche, 13,5% 1st tranche	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRla	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		DI	*Dicrostonyx guilelmi*	2	u								Creswellian		Older Dryas	Dlto 50% 2nd tranche, 13,5% 1st tranche	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRla	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		MI		2	u								Creswellian		Older Dryas	Dlgu 50% 2nd tranche, 13,5% 1st tranche	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRla	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Mlagar		2	u								Creswellian		Older Dryas	Dlgu 50% 2nd tranche, 13,5% 1st tranche	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRla	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Migr		2	u								Creswellian		Older Dryas	Dlgu 50% 2nd tranche, 13,5% 1st tranche	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRla	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Mioe		2	u								Creswellian		Older Dryas	Dlgu 50% 2nd tranche, 13,5% 1st tranche	Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRM	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		TAeu		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRM	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		ARte		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRM	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		CYgl		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRM	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		DI	*Dicrostonyx guilelmi*	3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRM	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		MI		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRM	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Mlagar		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRM	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Migr		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRS	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		HOsa		4	u								Neolithic		YD to Preboreal		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRS	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		MRmr		4	u								Neolithic		YD to Preboreal		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRS	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		ARte		4	u								Neolithic		YD to Preboreal		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRS	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		CYgl		4	u								Neolithic		YD to Preboreal		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRS	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		MI		4	u								Neolithic		YD to Preboreal		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRS	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Mlagar		4	u								Neolithic		YD to Preboreal		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	CRS	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		AMsy	*Apodemus* cf. *sylvaticus*	4	u								Neolithic		YD to Preboreal		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	LCE	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		TAeu		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	LCE	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Mlagar		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
175	Trou Jadot	LCE	50,6333	5,5667		West	B	Liége		Comblain-au-Pont	Vermeersch 2006		Mioe		3											Balling or Older Dryas		Toussaint & Becker 1991; Toussaint et al. 1993; Vermeersch 2006
176	Spy, Betche-aux-Rotches		50,4833	4,6997		West	B	Namur		Jemeppe-sur-Sambre	Vermeersch 2006		EQ		1		13780	220	Lv-690	unmodified bone		1		Magdalenian			selected find	Vermeersch 2006
176	Spy, Betche-aux-Rotches		50,4833	4,6997		West	B	Namur		Jemeppe-sur-Sambre	Vermeersch 2006		CEel		1		12870	110	OxA-4041	Cut left pisiform of *Equus ferus*		2		Magdalenian			selected find	Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		EQ		2		12870	95	OxA-3635	bone modified by human		2	13269±152 cal BC	Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		APveVU	*Vulpes* sp.	2		12150	150	Lv-686	bone		1	12223±189 cal BC	Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		LE		2		12400	110	LV-717	bone		1	12551±152 cal BC	Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		CPib	*Capra* sp.	2									Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		MMpr		2									Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		CEel		2									Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		RGta		2									Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		DI	*Dicrostonyx guilelmi*	2									Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		Migr		2									Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		Mini		2									Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		Mlagar		2									Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	7-8	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		ARte		2									Magdalenian		Dryas II (old meaning)	selected find horizons	Cordy 1991; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
177	Coléoptère	6B	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		DI	*Dicrostonyx guilelmi*	4									Ahrensburgian			Dryas III	selected find horizons	Cordy 1991
177	Coléoptère	6B	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		Migr		4									Ahrensburgian			Dryas III	selected find horizons	Cordy 1991
177	Coléoptère	6B	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		Mioe		4									Ahrensburgian			Dryas III	selected find horizons	Cordy 1991
177	Coléoptère	6B	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		Mini		4									Ahrensburgian			Dryas III	selected find horizons	Cordy 1991
177	Coléoptère	6B	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		CTct		4									Ahrensburgian			Dryas III	selected find horizons	Cordy 1991
177	Coléoptère	6B	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		OCpu		4									Ahrensburgian			Dryas III	selected find horizons	Cordy 1991
177	Coléoptère	6B	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		Mlagar		4									Ahrensburgian			Dryas III	selected find horizons	Cordy 1991
177	Coléoptère	6B	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		ARte		4									Ahrensburgian			Dryas III	selected find horizons	Cordy 1991
177	Coléoptère	6B	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		CYgl		4									Ahrensburgian			Dryas III	selected find horizons	Cordy 1991
177	Coléoptère	6B	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		AMsy		4									Ahrensburgian			Dryas III	selected find horizons	Cordy 1991
177	Coléoptère	6B	50,3833	5,5333		West	B	Luxemburg		Bomal-sur-Ourthe, Durbuy	Vermeersch 2006		RGta		4									Ahrensburgian			Dryas III	selected find horizons	Cordy 1991
178	Trou de Burnot		50,3667	4,8667		West	B				Hedges et al. 1994; transdat 10.15	x	RGta		1		12660	140	OxA-4198	antler (*Rangifer tarandus*)	3A	2		Magdalenian			selected find	Hedges et al. 1994; Vermeersch 2006
179	Remouchamps (Grotte de)		50,2900	5,4300		West	B	Aywaille, Liége			Hedges et al. 1994		RGta		4		10380	170	Lv-535	bone (*Rangifer tarandus*)		1		Tanged Point complex, Ahrensburgian		Late Glacial ("Dryas III")	Association: good Comment: accepted	Gob 1990; Gilot 1993; Lanting & Plicht 1996
179	Remouchamps (Grotte de)		50,2900	5,4300		West	B	Aywaille, Liége			Hedges et al. 1994				4		10800	110	unknown	metacarpal bone with cutmarks (*Rangifer*)				Ahrensburger Gruppe			selected find	Charles 1994; Baales 1996; Hedges et al. 1994
179	Remouchamps (Grotte de)		50,2900	5,4300		West	B	Aywaille, Liége			Hedges et al. 1994				4		10320	80	unknown	skull bone with cutmarks (*Rangifer*)				Ahrensburger Gruppe			selected find	Charles 1994; Baales 1996; Hedges et al. 1994
179	Remouchamps (Grotte de)		50,2900	5,4300		West	B	Aywaille, Liége			Hedges et al. 1994				4		10800	110	OxA-4191	metacarpal bone with cutmarks (*Rangifer*)		2		Tanged Point complex, Ahrensburgian		Late Glacial ("Dryas III")?	alongside OxA-3634 (10320 ± 80); selected find	Hedges et al. 1994; Lanting & Plicht 1996
179	Remouchamps (Grotte de)		50,2900	5,4300		West	B	Aywaille, Liége			Hedges et al. 1994				4		10320	80	OxA-3634	maxilla bone (*Rangifer*)		2		Tanged Point complex, Ahrensburgian		Late Glacial ("Dryas III")	selected find	Hedges et al. 1993; Lanting & Plicht 1996
179	Remouchamps (Grotte de)		50,2900	5,4300		West	B	Aywaille, Liége			Hedges et al. 1994				4		10330	110	OxA-4190	bone, humerus, cut (*Tetrao urogallus*)		2		Tanged Point complex, Ahrensburgian			selected find	Hedges et al. 1994
180	Trou da Somme		50,2333	4,8833		West	B				Hedges et al. 1994; transdat 10.15	x	SAta		2		12240	130	OxA-4199	bone (Saiga tatarica)	TDS88	2		Magdalenian Final			selected find	Hedges et al. 1994
180	Trou da Somme		50,2333	4,8833		West	B	Namur		Waulsort	Hedges et al. 1994; transdat 10.15	x			2		12815	75	OxA-8308			2		Magdalenian			selected find	Vermeersch 2006
181	Presles	II	50,2300	4,3500		West	B		Hainaut		Eurofauna Database		CEel		3	u	10950	200	OxA-1344	mandible bone, red deer	PRO 728	2		Creswellian			selected find; possibly several occupations	Street & Baales 1999; Hedges et al. 1988; Gilot 1997
181	Presles	I	50,2300	4,3500		West	B		Hainaut		Eurofauna Database		DI	*Dicrostonyx guilelmi*	2		12140	160	Lv-1472	bone		1		Creswellian		Balling (old meaning)	selected find horizons	Cordy 1991
181	Presles	I	50,2300	4,3500		West	B		Hainaut		Eurofauna Database		LMim		2									Creswellian		Balling (old meaning)	selected find horizons	Cordy 1991
181	Presles	I	50,2300	4,3500		West	B		Hainaut		Eurofauna Database		Migr		2									Creswellian		Balling (old meaning)	selected find horizons	Cordy 1991
181	Presles	I	50,2300	4,3500		West	B		Hainaut		Eurofauna Database		Mioe		2									Creswellian		Balling (old meaning)	selected find horizons	Cordy 1991
181	Presles	I	50,2300	4,3500		West	B		Hainaut		Eurofauna Database		Sibe		2									Creswellian		Balling (old meaning)	selected find horizons	Cordy 1991
181	Presles	I	50,2300	4,3500		West	B		Hainaut		Eurofauna Database		CTct		2									Creswellian		Balling (old meaning)	selected find horizons	Cordy 1991
181	Presles	I	50,2300	4,3500		West	B		Hainaut		Eurofauna Database		OCpu	?	2									Creswellian		Balling (old meaning)	selected find horizons	Cordy 1991
181	Presles	I	50,2300	4,3500		West	B		Hainaut		Eurofauna Database		Mlagar		2									Creswellian		Balling (old meaning)	selected find horizons	Cordy 1991
181	Presles	I	50,2300	4,3500		West	B		Hainaut		Eurofauna Database		ARte		2									Creswellian		Balling (old meaning)	selected find horizons	Cordy 1991
181	Presles	I	50,2300	4,3500		West	B		Hainaut		Eurofauna Database		CYgl		2									Creswellian		Balling (old meaning)	selected find horizons	Cordy 1991
182	Trou de Chaleux	Magdalenian	50,2167	4,7667		West	B	Namur		Hulsonniaux	Hedges et al. 1994	x	EQ	*Equus ferus*	1		12370	170	Lv-1568			1		Magdalenian		Balling (Toussaint & Becker 1991) -> sensu lato!; early start of first climatic warming in Paris Basin	selected find horizons	De Bie & Vermeersch 1998; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
182	Trou de Chaleux	Magdalenian	50,2167	4,7667		West	B	Namur		Hulsonniaux	Hedges et al. 1994	x	CEel		1		12990	140	Lv-1569			1		Magdalenian		Balling (Toussaint & Becker 1991) -> sensu lato!; early start of first climatic warming in Paris Basin	selected find horizons	De Bie & Vermeersch 1998; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
182	Trou de Chaleux	Magdalenian	50,2167	4,7667		West	B	Namur		Hulsonniaux	Hedges et al. 1994	x	BO		1		12710	150	Lv-1136			1		Magdalenian		Balling (Toussaint & Becker 1991) -> sensu lato!; early start of first climatic warming in Paris Basin	selected find horizons	De Bie & Vermeersch 1998; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
182	Trou de Chaleux	Magdalenian	50,2167	4,7667		West	B	Namur		Hulsonniaux	Hedges et al. 1994	x	RUru		1		12790	100	OxA-3632			2		Magdalenian		Balling (Toussaint & Becker 1991) -> sensu lato!; early start of first climatic warming in Paris Basin	selected find horizons	De Bie & Vermeersch 1998; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006

182	Trou de Chaleux	Magdalenian	50,2167	4,7667		West	B	Namur		Hulsonniaux	Hedges et al. 1994	x	CPib		1		12880	100	OxA-3633	bone (*Equus ferus*)		2		Magdalenian		Bølling (Toussaint & Becker 1991) -> sensu lato!; early start of first climatic warming in Paris Basin	selected find horizons	De Bie & Vermeersch 1998; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
182	Trou de Chaleux	Magdalenian	50,2167	4,7667		West	B	Namur		Hulsonniaux	Hedges et al. 1994	x	URar		1		13000	200	MC-919			1		Magdalenian		Bølling (Toussaint & Becker 1991) -> sensu lato!; early start of first climatic warming in Paris Basin	selected find horizons	De Bie & Vermeersch 1998; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
182	Trou de Chaleux	Magdalenian	50,2167	4,7667		West	B	Namur		Hulsonniaux	Hedges et al. 1994	x	OBmo		1		12860	140	OxA-4129	bone (*Ovibos moschatus*)	2594	2		Magdalenian		Bølling (Toussaint & Becker 1991) -> sensu lato!; early start of first climatic warming in Paris Basin	selected find horizons	De Bie & Vermeersch 1998; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
182	Trou de Chaleux	Magdalenian	50,2167	4,7667		West	B	Namur		Hulsonniaux	Hedges et al. 1994	x	LE		1									Magdalenian		Bølling (Toussaint & Becker 1991) -> sensu lato!; early start of first climatic warming in Paris Basin	selected find horizons	De Bie & Vermeersch 1998; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
182	Trou de Chaleux	Magdalenian	50,2167	4,7667		West	B	Namur		Hulsonniaux	Hedges et al. 1994	x	RGta		1									Magdalenian		Bølling (Toussaint & Becker 1991) -> sensu lato!; early start of first climatic warming in Paris Basin	selected find horizons	De Bie & Vermeersch 1998; Street et al. 1994; Hedges et al. 1993; Touissant & Becker 1991; Vermeersch 2006
182	Trou de Chaleux	Magdalenian	50,2167	4,7667		West	B	Namur		Hulsonniaux	Hedges et al. 1994	x	GUgu		1									Magdalenian		Bølling (Toussaint & Becker 1991) -> sensu lato!; early start of first climatic warming in Paris Basin	selected find horizons	Döppes 2001
183	Trou des Nutons, Furfooz		50,2167	4,9500		West	B	Dinant/Namur		Dinant, Verlaine	Hedges et al. 1994; transdat 10.15	x	GUgu		1									Magdalenian			selected finds	Döppes 2001
183	Trou des Nutons, Furfooz		50,2167	4,9500		West	B	Dinant/Namur		Dinant, Verlaine	Hedges et al. 1994; transdat 10.15	x	EQ		1		12630	140	OxA-4195	phalanx bone (*Equus* sp.)	3217, 48	2		? Upper Magdalenian			selected finds	Hedges et al. 1994; Lanting & Plicht 1996; Vermeersch 2006
184	Trou de Frontal		50,2167	4,9500		West	B	Namur		Furfooz	Hedges et al. 1994; transdat 10.15	x	EQ	*Equus ferus*	1		12800	130	OxA-4197	bone (*Equus ferus*)		2		Magdalenian		Bølling (s. l.!)	selected finds	Hedges et al. 1994; Toussaint & Becker 1991
184	Trou de Frontal		50,2167	4,9500		West	B	Namur		Furfooz	Hedges et al. 1994; transdat 10.15	x			1		12950	170	Lv-1749			1		Magdalenian		Bølling (s. l.!)	selected finds	Hedges et al. 1994; Toussaint & Becker 1991
185	Trou Balleux		50,2000	4,9500		West	B			Hulsonniaux, Houyet	Vermeersch 2006		CEel		4		10110	120	Lv-1158	bone (*Cervus elaphus*)		1		late palaeolithic, early mesolithic			selected finds	Sommer et al. 2008b; Lanting & Plicht 1996; Gilot 1997
186	Trou des Blaireaux	CIII	50,1206	4,7378		West	B	Phillippeville		Vaucelles	Vermeersch 2006		EQ	*Equus ferus*	1		13330	169	OxA-4200	bone (*Equus ferus*)	VTB, D7, 5	2					selected finds	Hedges et al. 1994; Vermeersch 2006
186	Trou des Blaireaux	CIII	50,1206	4,7378		West	B	Phillippeville		Vaucelles	Vermeersch 2006		CER		1		13730	400	Lv-1434	antler cervid		1		Magdalenian		Dryas I ?	selected finds	Toussaint & Becker 1991; Vermeersch 2006
186	Trou des Blaireaux	CIII	50,1206	4,7378		West	B	Phillippeville		Vaucelles	Vermeersch 2006				1		13850	335	Lv-1309	antler cervid		1		Magdalenian		Dryas I ?	selected finds	Toussaint & Becker 1991; Vermeersch 2006
186	Trou des Blaireaux		50,1206	4,7378		West	B	Phillippeville		Vaucelles	Vermeersch 2006		CER		2		12440	180	Lv-1386	antler cervid		1		Creswellien			selected finds	Vermeersch 2006
187	Spy, Grotte de Si		49,8833	5,4000		West	B			Verlaine	Vermeersch 2006		EQ		1		12870	110	OxA-4014	cut horse left pisiform		2		Magdalenian			selected finds	Vermeersch 2006
188	Rinxent		50,8000	1,7333	25	West	F	Northern France			www.fallingrain.com/world/		RGta		1		13030	120	OxA-1343	antler (*Rangifer*)	1456	2	ca. 13000 BP	Magdalenian			selected finds	Street & Baales 1999; Hedges et al. 1988
189	Belloy-sur-Somme	final Palaeolithic	49,9647	2,1272		West	F	Somme (Picardie)		Belloy-sur-Somme	Vermeersch 2006		EQ		4	u	9720	130	OxA-462	*Equus* sp. tooth	B117, S18, No.44	2		Final Paleolithic, Long Blade Industry		Late Glacial ("Dryas III")?	selected finds	Coudret & Fagnart 2005; Gob 1990; Vermeersch 2006
189	Belloy-sur-Somme	final Palaeolithic	49,9647	2,1272		West	F	Somme (Picardie)		Belloy-sur-Somme	Vermeersch 2006		BOveBI		4	u	8010	110	OxA-461	tooth		2		Late Palaeolithic Long Blade Industry		Late Glacial ("Dryas III")?	selected finds	Coudret & Fagnart 2005; Gob 1990; Vermeersch 2006
189	Belloy-sur-Somme	final Palaeolithic	49,9647	2,1272		West	F	Somme (Picardie)		Belloy-sur-Somme	Vermeersch 2006		CEel		4	u	10110	130	OxA-722	*Equus* sp. tooth	B117, S17, No. 17.	2		Final Paleolithic, Long Blade Industry		Late Glacial ("Dryas III")?	selected finds	Coudret & Fagnart 2005; Gob 1990; Vermeersch 2006
189	Belloy-sur-Somme	final Palaeolithic	49,9647	2,1272		West	F	Somme (Picardie)		Belloy-sur-Somme	Vermeersch 2006				4	u	9890	150	OxA-723	*Equus* sp. tooth	B131, H17, No.215	2		Final Paleolithic, Long Blade Industry		Late Glacial ("Dryas III")	selected finds; repeat of OxA-461	Coudret & Fagnart 2005; Gob 1990; Vermeersch 2006
189	Belloy-sur-Somme	final Palaeolithic	49,9647	2,1272		West	F	Somme (Picardie)		Belloy-sur-Somme	Vermeersch 2006				4	u	10260	160	OxA-724	*Equus* sp. tooth	B131, I19, No.94	2		Final Paleolithic, Long Blade Industry		Late Glacial ("Dryas III")	selected finds	Coudret & Fagnart 2005; Gob 1990; Vermeersch 2006
190	Saleux		49,8667	2,2500		West	F	Somme	Picardie	Saleux	Vermeersch 2006		CEel		3		11180	50	Beta-170949	*Cervus elaphus*, diaphysis	Sondage TrA17	2		Federmesser	Betula phase of the Allerød	Allerød	selected find horizons	Fagnart 1997; Bridault 1994; Vermeersch 2006
190	Saleux		49,8667	2,2500		West	F	Somme	Picardie	Saleux	Vermeersch 2006		BOpr		3		10640	90	Gif-8706	bone and teeth of diverse species	114 (unité 15/14)	1		Federmesser	Betula phase of the Allerød	Allerød	selected find horizons	Fagnart 1997; Bridault 1994; Vermeersch 2006
190	Saleux		49,8667	2,2500		West	F	Somme	Picardie	Saleux	Vermeersch 2006		MEme		3		10800	140	OxA-4933 / Ly-82	bone (*Bos primigenius*)	Unité 15, La Vierge Catherine	2		Federmesser	Betula phase of the Allerød	Allerød	selected find horizons	Fagnart 1997; Bridault 1994; Vermeersch 2006
190	Saleux		49,8667	2,2500		West	F	Somme	Picardie	Saleux	Vermeersch 2006				3		11010	80	OxA-4932 / Ly-81	bone (*Bos primigenius*)	Unité 15, La Vierge Catherine	2		Federmesser	Betula phase of the Allerød	Allerød	selected find horizons	Fagnart 1997; Bridault 1994; Vermeersch 2006
190	Saleux		49,8667	2,2500		West	F	Somme	Picardie	Saleux	Vermeersch 2006				3		10180	140	Ly-6885	bone	Section 109, La Vierge Catherine; ECH 5	1		Federmesser	Betula phase of the Allerød	Allerød	selected find horizons	Fagnart 1997; Bridault 1994; Vermeersch 2006
190	Saleux		49,8667	2,2500		West	F	Somme	Picardie	Saleux	Vermeersch 2006				3		11200	70	GrA-15945 (Ly-1141)	femur (*Bos primigenius*)	Locus 234, carré K8, Les Baquets	2		Federmesser	Betula phase of the Allerød	Allerød	selected find horizons	Fagnart 1997; Bridault 1994; Vermeersch 2006
190	Saleux		49,8667	2,2500		West	F	Somme	Picardie	Saleux	Vermeersch 2006				3		11160	70	GrA-15946 (Lyon-1142)	*Bos primigenius* (M2 inf)	Locus 234, carré K8, Les Baquets	2		Federmesser	Betula phase of the Allerød	Allerød	selected find horizons	Fagnart 1997; Bridault 1994; Vermeersch 2006
191	Le Marais	niveau inférieur	49,7333	2,1500		West	F	Somme	Picardie	Conty, Hangest-sur-Somme	Vermeersch 2006		CEel		3		11410	80	OxA-6150 / Ly-259	bone (*Bos primigenius*)		2		Final Paleolithic, Federmesser ancients		Allerød		Fagnart 1997; Vermeersch 2006
191	Le Marais	niveau inférieur	49,7333	2,1500		West	F	Somme	Picardie	Conty, Hangest-sur-Somme	Vermeersch 2006		BOpr		3		11560	90	OxA-6149 / Ly-258	bone (*Bos primigenius*)		2		Final Paleolithic, Federmesser ancients		Allerød		Fagnart 1997; Vermeersch 2006
191	Le Marais	niveau inférieur	49,7333	2,1500		West	F	Somme	Picardie	Conty, Hangest-sur-Somme	Vermeersch 2006				3		11620	90	OxA-6148 / Ly-257	bone (*Bos primigenius*)		2		Final Paleolithic, Federmesser ancients		Allerød		Fagnart 1997; Vermeersch 2006
191	Le Marais	niveau inférieur	49,7333	2,1500		West	F	Somme	Picardie	Conty, Hangest-sur-Somme	Vermeersch 2006				3		11890	90	OxA-6151 / Ly-260	bone (*Bos primigenius*)		2		Final Paleolithic, Federmesser ancients		Allerød		Fagnart 1997; Vermeersch 2006
191	Le Marais	H III.1 niveau inférieur	49,7333	2,1500		West	F	Somme	Picardie	Conty, Hangest-sur-Somme	Vermeersch 2006		BOpr		3		10920	90	OxA-4935 / Ly-85	bone, vertebra (*Bos primigenius*)		2		Final Paleolithic, Federmesser recents		Allerød		Fagnart 1997; Vermeersch 2006
191	Le Marais	H III.1 niveau inférieur	49,7333	2,1500		West	F	Somme	Picardie	Conty, Hangest-sur-Somme	Vermeersch 2006				3		11660	110	OxA-4432 / Ly-22	bone / teeth (M3 aurochs, molar horse)		2		Final Paleolithic, Federmesser recents		Allerød		Fagnart 1997; Vermeersch 2006
191	Le Marais	H III.1 niveau inférieur	49,7333	2,1500		West	F	Somme	Picardie	Conty, Hangest-sur-Somme	Vermeersch 2006		EQ		3		11630	90	OxA-4936 / Ly-86	bone / teeth (M3 aurochs, molar horse)		2		Final Paleolithic, Federmesser recents		Allerød		Fagnart 1997; Vermeersch 2006
191	Le Marais	H.II.1 niveau inférieur	49,7333	2,1500		West	F	Somme	Picardie	Conty, Hangest-sur-Somme	Vermeersch 2006		BOpr		4		10140	110	Gif-9355	bone fragments (*Bos primigenius*)		1		Final Paleolithic, Long Blade Industry		Late Glacial ("Dryas III")		Fagnart 1997; Vermeersch 2006
191	Le Marais	H.II.1 niveau inférieur	49,7333	2,1500		West	F	Somme	Picardie	Conty, Hangest-sur-Somme	Vermeersch 2006		BOveBI		4									Final Paleolithic, Long Blade Industry		Late Glacial ("Dryas III")		Fagnart 1997; Vermeersch 2006
191	Le Marais	H.II.1 niveau inférieur	49,7333	2,1500		West	F	Somme	Picardie	Conty, Hangest-sur-Somme	Vermeersch 2006		CER		4									Final Paleolithic, Long Blade Industry		Late Glacial ("Dryas III")		Fagnart 1997; Vermeersch 2006
192	Verberie, Buisson Campin		49,1800	2,4500		West	F	Picardie	Oise	Verberie	Eurofauna Database		EQ		1								TL: 13300±850 BP (18011-1489 cal BC)	Magdalenian			reindeer dominant element (Bratlund 1996)	David 1994; Bignon & Eisenmann 2006; Bratlund 1996
192	Verberie, Buisson Campin		49,1800	2,4500		West	F	Picardie	Oise	Verberie	Eurofauna Database		RGta		1									Magdalenian			reindeer dominant element (Bratlund 1996)	David 1994; Bignon & Eisenmann 2006; Bratlund 1996
192	Verberie, Buisson Campin		49,1800	2,4500		West	F	Picardie	Oise	Verberie	Eurofauna Database		MMpr		1									Magdalenian			reindeer dominant element (Bratlund 1996)	David 1994; Bignon & Eisenmann 2006; Bratlund 1996
192	Verberie, Buisson Campin		49,1800	2,4500		West	F	Picardie	Oise	Verberie	Eurofauna Database		SP		1									Magdalenian			reindeer dominant element (Bratlund 1996)	David 1994; Bignon & Eisenmann 2006; Bratlund 1996
193	Le Closeau	upper horizons	48,8833	2,2000		West	F	Hauts-de-Seine		Rueil-Malmaison	Vermeersch 2006		CEel		3								around 12100 BP	Federmesser		Allerød		Street et al. 1994; Street & Baales 1999; Vermeersch 2006
193	Le Closeau	upper horizons	48,8833	2,2000		West	F	Hauts-de-Seine		Rueil-Malmaison	Vermeersch 2006		BOpr		3									Federmesser		Allerød		Street et al. 1994; Street & Baales 1999; Vermeersch 2006
193	Le Closeau	upper horizons	48,8833	2,2000		West	F	Hauts-de-Seine		Rueil-Malmaison	Vermeersch 2006		EQ		3									Federmesser		Allerød		Street et al. 1994; Street & Baales 1999; Vermeersch 2006
193	Le Closeau		48,8833	2,2000		West	F	Hauts-de-Seine		Rueil-Malmaison	Vermeersch 2006		EQ		2		12350	60	GrA-11664		L 46	2	12300-12400 BP	Upper to Final Paleolithic, bipointe; "phase ancien de l'Azilien"		pre-Allerød	series of dates, quite old, but plateau!	Bignon & Eisenmann 2006; Bodu & Debout 2005
193	Le Closeau		48,8833	2,2000		West	F	Hauts-de-Seine		Rueil-Malmaison	Vermeersch 2006		CER		2		12360	60	GrA-11665		L 46	2		Upper to Final Paleolithic, bipointe; "phase ancien de l'Azilien"		pre-Allerød	series of dates, quite old, but plateau!	Bignon & Eisenmann 2006; Bodu & Debout 2005
193	Le Closeau		48,8833	2,2000		West	F	Hauts-de-Seine		Rueil-Malmaison	Vermeersch 2006		SUsc		2									Upper to Final Paleolithic, bipointe; "phase ancien de l'Azilien"		pre-Allerød	series of dates, quite old, but plateau!	Street & Baales 1999; Bodu & Debout 2005; Bignon & Eisenmann 2006; Vermeersch 2006
193	Le Closeau		48,8833	2,2000		West	F	Hauts-de-Seine		Rueil-Malmaison	Vermeersch 2006		LAGO		2									Upper to Final Paleolithic, bipointe; "phase ancien de l'Azilien"		pre-Allerød	series of dates, quite old, but plateau!	Street & Baales 1999; Bodu & Debout 2005; Bignon & Eisenmann 2006; Vermeersch 2006
194	Etiolles	Magdalenian	48,6331	2,4658		West	F	Paris Basin	Essonne	Etiolles	Vermeersch 2006		MMpr		2	u	12800	220	OxA-173		Foyer N20 020 No. 222	2	13163±336 cal BC	Magdalenian			selected find horizon; very young date on mammoth, has to be confirmed (Stuart et al. 2002); wide range of dates from time slice 1 to 3	Poplin 1994 (fauna); Street et al. 1994; Street & Baales 1999; Hedges et al. 1997a; Stuart et al. 2002; Vermeersch 2006
194	Etiolles	Magdalenian	48,6331	2,4658		West	F	Paris Basin	Essonne	Etiolles	Vermeersch 2006		EQ		2	u	13000	300	OxA-139		Foyer N20 020 No. 224	2	13462±445 cal BC	Magdalenian			selected find horizon; very young date on mammoth, has to be confirmed (Stuart et al. 2002); wide range of dates from time slice 1 to 3	Poplin 1994 (fauna); Street et al. 1994; Street & Baales 1999; Hedges et al. 1997a; Stuart et al. 2002; Vermeersch 2006
194	Etiolles	Magdalenian	48,6331	2,4658		West	F	Paris Basin	Essonne	Etiolles	Vermeersch 2006		RGta		2	u	11900	250	OxA-174		Foyer N20 021 No. 332	2	11917±296 cal BC	Magdalenian			selected find horizon; very young date on mammoth, has to be confirmed (Stuart et al. 2002); wide range of dates from time slice 1 to 3	Poplin 1994 (fauna); Street et al. 1994; Street & Baales 1999; Hedges et al. 1997a; Stuart et al. 2002; Vermeersch 2006
194	Etiolles	Magdalenian	48,6331	2,4658		West	F	Paris Basin	Essonne	Etiolles	Vermeersch 2006		BI		2	u	12900	220	OxA-175	bone from hearth	Foyer N20 021 No. 332	2	13306±337 cal BC	Magdalenian			selected find horizon; very young date on mammoth, has to be confirmed (Stuart et al. 2002); wide range of dates from time slice 1 to 3	Poplin 1994 (fauna); Street et al. 1994; Street & Baales 1999; Hedges et al. 1997a; Stuart et al. 2002; Vermeersch 2006
194	Etiolles	Magdalenian	48,6331	2,4658		West	F	Paris Basin	Essonne	Etiolles	Vermeersch 2006		SUsc	uncertain taxon	2	u	12990	300	OxA-138		Foyer N20 N21 No. 157	2	13440±445 cal BC	Magdalenian			selected find horizon; very young date on mammoth, has to be confirmed (Stuart et al. 2002); wide range of dates from time slice 1 to 3	Poplin 1994 (fauna); Street et al. 1994; Street & Baales 1999; Hedges et al. 1997a; Stuart et al. 2002; Vermeersch 2006
194	Etiolles	Magdalenian	48,6331	2,4658		West	F	Paris Basin	Essonne	Etiolles	Vermeersch 2006		TAeu		2	u	12000	220	Ly-1351	scapula (*Mammuthus*)		1	12038±267 cal BC	Magdalenian			selected find horizon; very young date on mammoth, has to be confirmed (Stuart et al. 2002); wide range of dates from time slice 1 to 3	Poplin 1994 (fauna); Street et al. 1994; Street & Baales 1999; Hedges et al. 1997a; Stuart et al. 2002; Vermeersch 2006
194	Etiolles	Magdalenian	48,6331	2,4658		West	F	Paris Basin	Essonne	Etiolles	Vermeersch 2006				2	u	12250	100	OxA-5995	bone, horse	8326	2		Magdalenian			selected find horizon; very young date on mammoth, has to be confirmed (Stuart et al. 2002); wide range of dates from time slice 1 to 3	Poplin 1994 (fauna); Street et al. 1994; Street & Baales 1999; Hedges et al. 1997a; Stuart et al. 2002; Vermeersch 2006
194	Etiolles	Magdalenian	48,6331	2,4658		West	F	Paris Basin	Essonne	Etiolles	Vermeersch 2006				2	u	12315	75	OxA-8757	bone	D71-2, locus 2	2		Magdalenian			selected find horizon; very young date on mammoth, has to be confirmed (Stuart et al. 2002); wide range of dates from time slice 1 to 3	Poplin 1994 (fauna); Street et al. 1994; Street & Baales 1999; Hedges et al. 1997a; Stuart et al. 2002; Vermeersch 2006
194	Etiolles	Magdalenian	48,6331	2,4658		West	F	Paris Basin	Essonne	Etiolles	Vermeersch 2006				2	u	13625	105	Lyon-1894	organic material	below hearth J78?, locus 2	1		Magdalenian			selected find horizon; very young date on mammoth, has to be confirmed (Stuart et al. 2002); wide range of dates from time slice 1 to 3	Poplin 1994 (fauna); Street et al. 1994; Street & Baales 1999; Hedges et al. 1997a; Stuart et al. 2002; Vermeersch 2006
194	Etiolles	Magdalenian	48,6331	2,4658		West	F	Paris Basin	Essonne	Etiolles	Vermeersch 2006				2	u	12315	55	OxA-12019	mammoth bone	Q31, locus 1	2		Magdalenian			selected find horizon; very young date on mammoth, has to be confirmed (Stuart et al. 2002); wide range of dates from time slice 1 to 3	Poplin 1994 (fauna); Street et al. 1994; Street & Baales 1999; Hedges et al. 1997a; Stuart et al. 2002; Vermeersch 2006
194	Etiolles	Magdalenian	48,6331	2,4658		West	F	Paris Basin	Essonne	Etiolles	Vermeersch 2006				2	u	12250	100	Ly-202	bone		1	TL: 13950-15500 BP (Gig-laboratory)	Magdalenian			selected find horizon; very young date on mammoth, has to be confirmed (Stuart et al. 2002); wide range of dates from time slice 1 to 3	Poplin 1994 (fauna); Street et al. 1994; Street & Baales 1999; Hedges et al. 1997a; Stuart et al. 2002; Vermeersch 2006
195	Le Tureau des Gardes	S.6	48,3833	3,0000		West	F	Seine-et-Marne		Marolles-sur-Seine	Vermeersch 2006		EQ		2		12290	90	Ly-6988	bone (*Equus*)		1		Upper Magdalenian			selected find	Bignon & Eisenmann 2006; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006		EQ	*Equus caballus*	2		12300	400	Gif-358		Foyer 3, Habitation 1	1	12453±537 cal BC	Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006		RGta		2		11870	130	OxA-391		III2 27, P 85	1	11884±152 cal BC	Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006		MMpr		2		11800	130	Gif-6284		IV 213 (bottom)	1	11798±150 cal BC	Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006		LEti		2		12600	200	OxA-148		IV 27/2 (top)	2	12847±297 cal BC	Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006		VUvu	NOT APla!	2		12120	130	Gif-6283		IV2	1	12186±162 cal BC	Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006		CAlu		2		12250	160	OxA-467		IVa	2	12348±249 cal BC	Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006		DI		2		12100	120	Gif-5971		IVc	1	12163±149 cal BC	Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006		MI		2		12100	130	Gif-3610		IVc	1	12161±161 cal BC	Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006				2		12000	200	OxA-176		IVc 25 (bottom)	2	12044±242 cal BC	Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006				2		12300	220	OxA-177		IVc 25 (bottom)	2	12420±295 cal BC	Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006				2		12400	200	OxA-149		IVc 25 (bottom)	2	12555±278 cal BC	Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006				2		12400	200	OxA-149	bone	IV 213	2		Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006				2		12100	130	Gif-6310	charcoal	IV 30	1		Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
196	Pincevent	Magdalenian sections 27 & 36	48,3674	2,8914		West	F	Seine-et-Marne		La Grande-Paroisse	Vermeersch 2006				2		12545	120	GrN-5760	bone	KL112	1		Magdalenian			selected find horizon; reindeer dominant element (Bratlund 1996)	Street et al. 1994; Street & Baales 1999; David 1994; Vermeersch 2006
197	Marolles-sur-Seine		48,2300	3,0200		West	F	Ile-De-France	Seine-et-Marne	Tureau des Gardes	Eurofauna Database		EQ		1	u	12650	130	OxA-3139	phalanx bone (*Equus* sp.)		2					selected finds	Hedges et al. 1993
197	Marolles-sur-Seine		48,2300	3,0200		West	F	Ile-De-France	Seine-et-Marne	Tureau des Gardes	Eurofauna Database		EQ		3	u	11030	105	OxA-3671	phalanx bone (*Equus* sp.)		2					selected finds	Hedges et al. 1993
198	Marsangy	P16	48,0999	3,2488		West	F	Paris Basin	Seine-et-Marne	Marsangy	Vermeersch 2006		RGta		3		11600	200	OxA-178	antler (*Rangifer tarandus*)		2					selected finds	Vermeersch 2006
198	Marsangy		48,0999	3,2488		West	F	Paris Basin	Seine-et-Marne	Marsangy	Vermeersch 2006		EQ		2	u								Magdalenian		beginning of Interstadial	selected finds	Street & Baales 1999; Vermeersch 2006
198	Marsangy		48,0999	3,2488		West	F	Paris Basin	Seine-et-Marne	Marsangy	Vermeersch 2006		RGta		2	u								Magdalenian		beginning of Interstadial	selected finds	Street & Baales 1999; Vermeersch 2006
198	Marsangy		48,0999	3,2488		West	F	Paris Basin	Seine-et-Marne	Marsangy	Vermeersch 2006		CEel		2	u								Magdalenian		beginning of Interstadial	selected finds	Street & Baales 1999; Vermeersch 2006
199	Grotte du Renne		47,6170	3,8650		West	F	Yonne		Arcy-sur-Cure	Vermeersch 2006		EQ		0		15350	400	L-340D	burnt bone		1		Chatelperronian			dates too young! This is late lower and early upper Paleolithic (Eisenmamm & David 1990)	Vermeersch 2006; Eisenmann & David 1990
199	Grotte du Renne		47,6170	3,8650		West	F	Yonne		Arcy-sur-Cure	Vermeersch 2006				0		15700	400	L-340C	burnt bone		1		Chatelperronian			dates too young! This is late lower and early upper Paleolithic (Eisenmamm & David 1990)	Vermeersch 2006; Eisenmann & David 1990
199	Grotte du Renne		47,6170	3,8650		West	F	Yonne		Arcy-sur-Cure	Vermeersch 2006				0		10900	250	L-340B	burnt bone		1		Aurignacian			dates too young! This is late lower and early upper Paleolithic (Eisenmamm & David 1990)	Vermeersch 2006; Eisenmann & David 1990
199	Grotte du Renne		47,6170	3,8650		West	F	Yonne		Arcy-sur-Cure	Vermeersch 2006				0		11400	250	L-340A	burnt bone		1		Gravettian			dates too young! This is late lower and early upper Paleolithic (Eisenmamm & David 1990)	Vermeersch 2006; Eisenmann & David 1990
199	Grotte du Renne		47,6170	3,8650		West	F	Yonne		Arcy-sur-Cure	Vermeersch 2006				0		9190	90	Ly-600	bone		1		Aurignacian			dates too young! This is late lower and early upper Paleolithic (Eisenmamm & David 1990)	Vermeersch 2006; Eisenmann & David 1990
199	Grotte du Renne		47,6170	3,8650		West	F	Yonne		Arcy-sur-Cure	Vermeersch 2006				0		10500	190	BM-1818	burnt bone		1		Mousterian			dates too young! This is late lower and early upper Paleolithic (Eisenmamm & David 1990)	Vermeersch 2006; Eisenmann & David 1990
200	Rhünda		51,1167	9,4167	282	West	D	HS			www.fallingrain.com/world/		HOsa		4		8365	100		Kalktuff						YD	no mammals, just snail fauna	Rosendahl 2002
200	Rhünda		51,1167	9,4167	282	West	D	HS			www.fallingrain.com/world/				4		10200	60	GrA-15947	skull (*Homo sapiens*)		2	10137-10073 or 10015-9747 cal BC			YD	no mammals, just snail fauna	Rosendahl 2002
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		TAeu		3								Slightly older than LST (10966 cal BC)			no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		MTer		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		MTni		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000

201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		LE		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		OCpu		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		CTct		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		PHsu		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		ARte	*Arvicola amphibius*	3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		DI	*Dicrostonyx henseli*	3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi*	3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		DI		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		CYgl		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		Mlgr		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		Mlgr	*Microtus anglicus*	3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		Mlgr	*"Microtus brandt "*	3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		Mlag		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		Mlar		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		Mlagar		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		Mlagar	f. maskii	3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		Mloe	*Microtus ratticeps*	3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		MI		3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
201	Wildweiberhaus-Felsen		50,7167	8,1833	434	West	D	HS	Dillkreis	Langenaubach	www.fallingrain.com/world/		RGta	*Rangifer* sp.	3											no typical Allerød fauna, subarctic steppe influence		Jacobshagen 1955; date LST: Jöris & Weninger 2000
202	Kleine Kalmit		49,1300	8,0700		South	D	RPF		Landau	Eurofauna Database		BOveBI		5								mix of Early Mesolithic with Neolithic elements					Boessneck 1978f
202	Kleine Kalmit		49,1300	8,0700		South	D	RPF		Landau	Eurofauna Database		CEel		5								mix of Early Mesolithic with Neolithic elements					Boessneck 1978f
202	Kleine Kalmit		49,1300	8,0700		South	D	RPF		Landau	Eurofauna Database		CLcl		5								mix of Early Mesolithic with Neolithic elements					Boessneck 1978f
202	Kleine Kalmit		49,1300	8,0700		South	D	RPF		Landau	Eurofauna Database		CAP	OV/CP	5								mix of Early Mesolithic with Neolithic elements					Boessneck 1978f
202	Kleine Kalmit		49,1300	8,0700		South	D	RPF		Landau	Eurofauna Database		SUsc		5								mix of Early Mesolithic with Neolithic elements					Boessneck 1978f
202	Kleine Kalmit		49,1300	8,0700		South	D	RPF		Landau	Eurofauna Database		CAlufa	*Canis familiaris*	5								mix of Early Mesolithic with Neolithic elements					Boessneck 1978f
202	Kleine Kalmit		49,1300	8,0700		South	D	RPF		Landau	Eurofauna Database		CSfi		5								mix of Early Mesolithic with Neolithic elements					Boessneck 1978f
202	Kleine Kalmit		49,1300	8,0700		South	D	RPF		Landau	Eurofauna Database		SCvu		5								mix of Early Mesolithic with Neolithic elements					Boessneck 1978f
203	Ettlingen		48,9500	8,4000	142	South	D	BW			www.fallingrain.com/world/				5	9950	170	HD-14341	charcoal			10000 BP	earliest Mesolithic		not younger than the late Boreal	example of missing bone preservation due to bad soil conditions		Pasda 1995; Kind 2003
204	Buttental		49,4167	10,8500		South	D	BAY			Vermeersch 2006		RGta		1	13020	130	OxA-4602	reindeer metapodial		2		Magdalenian					Kind 2003; Vermeersch 2006
204	Buttental		49,4167	10,8500		South	D	BAY			Vermeersch 2006		EQ		1	u 12040	120	OxA-4981	horse bone		2		Magdalenian					Kind 2003; Vermeersch 2006
204	Buttental		49,4167	10,8500		South	D	BAY			Vermeersch 2006		URar		1	13100	140	OxA-4982	brown bear bone		2		Magdalenian					Kind 2003; Vermeersch 2006
205	Bettelküche	4th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		CLcl		5	8100	90	B-930				6150 BC; 7500-19000 BP	Beuronian C			date of lower third		Storch 1978c Boessneck 1978e; Oeschger & Taute 1978; Taute 1978
205	Bettelküche	4th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		VUvu		5								Beuronian C			date of lower third		Storch 1978c Boessneck 1978e; Oeschger & Taute 1978; Taute 1978
205	Bettelküche	4th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		MEme		5								Beuronian C			date of lower third		Storch 1978c Boessneck 1978e; Oeschger & Taute 1978; Taute 1978
205	Bettelküche	4th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		Ma		5								Beuronian C			date of lower third		Storch 1978c Boessneck 1978e; Oeschger & Taute 1978; Taute 1978
205	Bettelküche	4th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		LE		5								Beuronian C			date of lower third		Storch 1978c Boessneck 1978e; Oeschger & Taute 1978; Taute 1978
205	Bettelküche	4th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		TAeu		5								Beuronian C			date of lower third		Storch 1978c Boessneck 1978e; Oeschger & Taute 1978; Taute 1978
205	Bettelküche	4th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		SCvu		5								Beuronian C			date of lower third		Storch 1978c Boessneck 1978e; Oeschger & Taute 1978; Taute 1978
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		BOveBI		0							10000-14000 BP	Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		CEel		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		RGta		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		CLcl		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		EQ		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		CAlu		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		VUvu		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		MEme		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		MTer		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		MAma		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		LEti		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		EReu		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		TAeu	*Talpa europaea magna*	0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		CTma		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		DI	*Dicrostonyx guilelmi*	0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		Mloe		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		Mlagar		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
205	Bettelküche	5th cultural layer	49,2600	11,5200		South	D	BAY	Amberg-Sulzbach	Sulzbach-Rosenberg	Eurofauna Database		ARte		0								Late Palaeolithic		open landscape with covered moist places	uncertain age		Storch 1978c Boessneck 1978e
206	Euerwanger Bühl	A2	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	CRrufe		5	8760	110	H-4047-3192	charcoal		1							Koenigswald & Rähle 1975
206	Euerwanger Bühl	A2	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	SOar		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	A2	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	TAeu		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	A2	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	CHIR		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	A2	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	ARte		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	A2	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	CYgl		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	A2	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	Mlagar		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	A2	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	Mlsu		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	A2	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	AMfl		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	A2	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	AMsy		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	SOar		5	9190	90	H-4047-3192	charcoal		1							Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	TAeu		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	MY		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	BAba		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	PLau		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	LE		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	CTct		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	ARte		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	CYgl		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	Mlagar		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	AMfl		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	AMsy		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	B	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	VUvu		5													Koenigswald & Rähle 1975
206	Euerwanger Bühl	C	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	SOar		5	9390	190	H-3605-2760	charcoal		1		Beuronian A/B, early Mesolithic					Koenigswald & Rähle 1975
206	Euerwanger Bühl	C	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	TAeu		5	9225	110	H-3605-2777	charcoal		1		Beuronian A/B, early Mesolithic					Koenigswald & Rähle 1975
206	Euerwanger Bühl	C	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	CHIR		5								Beuronian A/B, early Mesolithic					Koenigswald & Rähle 1975
206	Euerwanger Bühl	C	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	ARte		5								Beuronian A/B, early Mesolithic					Koenigswald & Rähle 1975
206	Euerwanger Bühl	C	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	CYgl		5								Beuronian A/B, early Mesolithic					Koenigswald & Rähle 1975
206	Euerwanger Bühl	C	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	Mlagar		5								Beuronian A/B, early Mesolithic					Koenigswald & Rähle 1975
206	Euerwanger Bühl	C	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	Mlsu		5								Beuronian A/B, early Mesolithic					Koenigswald & Rähle 1975
206	Euerwanger Bühl	C	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	AMfl		5								Beuronian A/B, early Mesolithic					Koenigswald & Rähle 1975
206	Euerwanger Bühl	C	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat.10.15	x	AMsy		5								Beuronian A/B, early Mesolithic					Koenigswald & Rähle 1975

206	Euerwanger Bühl	C	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	MSav		5									Beuronian A/B, early Mesolithic					Koenigswald & Rähle 1975
206	Euerwanger Bühl	C	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	MTni		5									Beuronian A/B, early Mesolithic					Koenigswald & Rähle 1975
206	Euerwanger Bühl	D and E	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	CAlu		5		9760	90	H-3602-2758	charcoal		1						date of layer D; small mammals same as layer C: admixture! faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	D and E	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	MEme		5		9790	100	H-3603-2759	charcoal		1						date of layer E; small mammals same as layer C: admixture! faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	D and E	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	CLcl		5													small mammals same as layer C: admixture! faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	D and E	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	CEel		5													small mammals same as layer C: admixture! faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	D and E	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	BOpr		5													small mammals same as layer C: admixture! faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	SOar		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	SOmi		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	TAeu		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	CHIR		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	ARte		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	CYgl		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	Mlagar		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	Mlsu		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	AMfl		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	AMsy		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	MTni		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
206	Euerwanger Bühl	F	49,0108	11,3309	570	South	D	BAY	Franconian Alb	Greding	Koenigswald & Rähle 1975; transdat 10.15	x	CEel		5													Age: early to middle Holocene; faunal change already finished (Koenigswald 1975)	Koenigswald & Rähle 1975
207	Kasthänghöhle		48,9386	11,7592		South	D	BAY		Kelheim	Vermeersch 2006		RGta		3	u	12060	90	OxA-5755	reindeer antler		2		Magdalenian V (single barbed harpoon)					Kind 2003; Housley et al. 1997; Vermeersch 2006
207	Kasthänghöhle		48,9386	11,7592		South	D	BAY		Kelheim	Vermeersch 2006		RGta		3	u	11590	90	OxA-5756	reindeer antler		2		Magdalenian V (single barbed harpoon)					Kind 2003; Housley et al. 1997; Vermeersch 2006
208	Sesselfelsgrotte	C	48,9361	11,7908		South	D	BAY		Kelheim	Vermeersch 2006				2	u	12680	100	OxA-5754			2		Magdalenian					Kind 2003; Housley et al. 1997
208	Sesselfelsgrotte	C	48,9361	11,7908		South	D	BAY		Kelheim	Vermeersch 2006				2	u	12740	90	OxA-5753			2		Magdalenian					Kind 2003; Housley et al. 1997
208	Sesselfelsgrotte	C1	48,9361	11,7908		South	D	BAY		Kelheim	Vermeersch 2006				2	u								late phase of Central European Magdalenian; Upper Paleolithic		Older Dryas or transition to Balling-Allerød complex			Dirian 2004; Vermeersch 2006
208	Sesselfelsgrotte	C2	48,9361	11,7908		South	D	BAY		Kelheim	Vermeersch 2006		RGta		2	u								older phase of Central European Magdalenian; Upper Paleolithic		Older Dryas or transition to Balling-Allerød complex			Dirian 2004; Vermeersch 2006
208	Sesselfelsgrotte	C2	48,9361	11,7908		South	D	BAY		Kelheim	Vermeersch 2006		EO		2	u										Older Dryas or transition to Balling-Allerød complex			Dirian 2004; Vermeersch 2006
209	Klausenhöhlen	AH g (Obere Klause)	48,9333	11,8000		South	D	BAY			Vermeersch 2006		RGta		2		12350	130	OxA-5719	cutmarked antler fragment	1957.291	2		Magdalenian					Kind 2003; Housley et al. 1997; Vermeersch 2006
209	Klausenhöhlen	AH g (Obere Klause)	48,9333	11,8000		South	D	BAY			Vermeersch 2006				2		12440	140	OxA-5720	cutmarked reindeer antler	1957.291	2		Magdalenian					Kind 2003; Housley et al. 1997; Vermeersch 2006
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		OCpu		0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		CTct		0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		ARte	Arvicola_scherman	0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		CYgl		0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		LMtm		0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		Ml		0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		Mlagar		0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		Mlgr	Microtus anglicus	0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		VUvu		0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		GUgu		0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		MTer		0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		MTni		0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		MMpr		0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
210	Karstschlotte		48,9000	10,9333	555	South	D	BAY	Mittelfranken	Langenaltheim	www.fallingrain.com/world/		EQ	Equus caballus	0											late Würmian; a cold phase after glacial maximum	steppe with forested "islands"	Heller 1964
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		EReu		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		TAeu		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		LE		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		SCvu		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		CSfi		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		CAN		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		VUvu		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		MA		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		MAma		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		MEme		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		MTer		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		FEsi		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		ARTI		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		SUsc		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		CER		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		CLcl		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		CEel		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		BOV		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		CAP		5									Mesolithic		Postglacial			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		TAeu		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		CHIR		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		RHhi		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		MY		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		LE		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		SCvu		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		CTct		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		Mlagar		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		AM		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		GLgl		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		VUvu		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		MA		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		FEsi		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		ARTI		5	u										late Weichselian or Holocene			Heller 1956
211	Breitenfurter Höhle	B/C	48,8667	11,1000	467	South	D	BAY		Breitenfurt	www.fallingrain.com/world/		CEel		5	u										late Weichselian or Holocene			Heller 1956
212	Kaufertsberg	1	48,8333	10,5833		South	D	BAY		Nördlingen	Vermeersch 2006		RGta		1		12610	90	OxA-5751	reindeer tuftler		2		Lower layer (Kaufertsberg 1),Magdalenian V,? Upper layer (Kaufertsberg 2), Magdalenian VI or Late Palaeolithic					Kind 2003; Housley et al. 1997; Vermeersch 2006
213	W Sulzdorf near Donauwörth		48,8000	10,7667	504	South	D	BAY			www.fallingrain.com/world/		APveVU		0											late Weichselian	small carst structure	G. Berger pers. comm.
213	W Sulzdorf near Donauwörth		48,8000	10,7667	504	South	D	BAY			www.fallingrain.com/world/		EQ		0											late Weichselian	small carst structure	G. Berger pers. comm.
213	W Sulzdorf near Donauwörth		48,8000	10,7667	504	South	D	BAY			www.fallingrain.com/world/		ARte		0											late Weichselian	small carst structure	G. Berger pers. comm.
213	W Sulzdorf near Donauwörth		48,8000	10,7667	504	South	D	BAY			www.fallingrain.com/world/		Mlagar		0											late Weichselian	small carst structure	G. Berger pers. comm.
213	W Sulzdorf near Donauwörth		48,8000	10,7667	504	South	D	BAY			www.fallingrain.com/world/		Mlgr		0											late Weichselian	small carst structure	G. Berger pers. comm.
213	W Sulzdorf near Donauwörth		48,8000	10,7667	504	South	D	BAY			www.fallingrain.com/world/		SO		0											late Weichselian	small carst structure	G. Berger pers. comm.
213	W Sulzdorf near Donauwörth		48,8000	10,7667	504	South	D	BAY			www.fallingrain.com/world/		CT		0											late Weichselian	small carst structure	G. Berger pers. comm.
213	W Sulzdorf near Donauwörth		48,8000	10,7667	504	South	D	BAY			www.fallingrain.com/world/		ARte		0											late Weichselian	small carst structure	G. Berger pers. comm.
213	W Sulzdorf near Donauwörth		48,8000	10,7667	504	South	D	BAY			www.fallingrain.com/world/		EReu	Erinaceus sp.	0											late Weichselian	small carst structure	G. Berger pers. comm.
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	CRrUe		1	u										Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	NEfo		1	u										Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	TAeu		1	u										Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	CHIR		1	u										Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	OCpu		1	u										Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975

214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	LE		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	LEti		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	SP	*Spermophilus supercilliosus*	1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	CTct		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	ARte		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	CYgl		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	DI	*Dicrostonyx torquatus*	1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	LMim		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	Mlagar		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	Mlgr		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	Mini		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	Mloe		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	AM		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	GLgl		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	EMqu		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	APla		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	CAlu		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	VUvu		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	URsp		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	MAma		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	MTer		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	MTni		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	COcosp		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	PAlesp		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	MMpr		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	EQ		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	CDan		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	RGta		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	BOvelbl		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	CPib		1	u											Pleniglazial		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	CRule		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	SOar		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	SOke		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	TAeu		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	CHIR		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	OCpu		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	SP	*Spermophilus supercilliosus*	1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	CTct		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	ARte		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	CYgl		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	DI	*Dicrostonyx torquatus*	1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	LMim		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	Mlagar		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	Mlgr		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	Mini		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	Mloe		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	AM		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	URsp		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	MTer		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	MTni		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	MTev		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
214	Weinberghöhlen bei Mauern	Nagerschicht above layer C	48,7715	11,0559	430	South	D	BAY	Franconian Alb	Mauern	Koenigswald & Heinrich 1996; transdat 10.15	x	EQ		1	u											late Weichselian		Koenigswald et al. 1974; Koenigswald & Müller-Beck 1975
215	Große Ofnethöhle	VI	49,7333	10,2000	231	South	D	BW	Nördlinger Ries	Holheim/Nördlingen	www.fallingrain.com/world/		LE		1												Magdalenian	Pleniglacial	Schmidt 1912
215	Große Ofnethöhle	VI	49,7333	10,2000	231	South	D	BW	Nördlinger Ries	Holheim/Nördlingen	www.fallingrain.com/world/		ARte	*Arvicola sp.*	1												Magdalenian	Pleniglacial	Schmidt 1912
215	Große Ofnethöhle	VI	49,7333	10,2000	231	South	D	BW	Nördlinger Ries	Holheim/Nördlingen	www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	1												Magdalenian	Pleniglacial	Schmidt 1912
215	Große Ofnethöhle	VI	49,7333	10,2000	231	South	D	BW	Nördlinger Ries	Holheim/Nördlingen	www.fallingrain.com/world/		MTer		1												Magdalenian	Pleniglacial	Schmidt 1912
215	Große Ofnethöhle	VI	49,7333	10,2000	231	South	D	BW	Nördlinger Ries	Holheim/Nördlingen	www.fallingrain.com/world/		EQ	*Equus caballus*	1												Magdalenian	Pleniglacial	Schmidt 1912
215	Große Ofnethöhle	VI	49,7333	10,2000	231	South	D	BW	Nördlinger Ries	Holheim/Nördlingen	www.fallingrain.com/world/		RGta		1												Magdalenian	Pleniglacial	Schmidt 1912
215	Große Ofnethöhle	VII	49,7333	10,2000	231	South	D	BW	Nördlinger Ries	Holheim/Nördlingen	www.fallingrain.com/world/		HOsa	*Homo sapiens sapiens*	5		7530	120	UCLA-								Mesolithic (?), two skull graves	Balling or Older Dryas (?)	Schmidt 1912; Kind 2003
215	Große Ofnethöhle	VII	49,7333	10,2000	231	South	D	BW	Nördlinger Ries	Holheim/Nördlingen	www.fallingrain.com/world/		CEel		5		7720	800	KN-2034	bone, skull		1					Mesolithic (?), two skull graves	Balling or Older Dryas (?)	Schmidt 1912; Kind 2003
216	Bärenfelsgrotte	II (general)	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		VUvu		4	u							10000-12000 BP					YD	Heller 1957
216	Bärenfelsgrotte	II (general)	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		4	u												YD	Heller 1957
216	Bärenfelsgrotte	II (general)	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		EQ	taxon uncertain	4	u												YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		SOar		4													YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MY		4													YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MTni		4													YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		OCpu		4													YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		SIbe		4													YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	taxon uncertain	4													YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARte		4													YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlagar		4													YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mloe		4													YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CYgl		4													YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARV	Microtinae	4													YD	Heller 1957
216	Bärenfelsgrotte	II/o	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		EQ	*Equus caballus*	4													YD	Heller 1957
216	Bärenfelsgrotte	II/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		3	u												possibly Allerød	Heller 1957
216	Bärenfelsgrotte	II/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CSfi		3	u												possibly Allerød	Heller 1957
216	Bärenfelsgrotte	II/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARte		3	u												possibly Allerød	Heller 1957

216	Bärenfelsgrotte	II/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlagar		3	u										possibly Allerød			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		TAeu		3	u							11000-13000 BP	(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		OCpu		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CSfi		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		SP	*Spermophilus rufescens*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CTct		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		GLgl		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi henseli*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARte		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlagar		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mioe		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlgr	*Microtus anglicus*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARV	Microtinae	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		EQ	*Equus caballus*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ALal		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		RGta		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a "Magdalénien-Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CER		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/1 "Magdalénien-Brandschicht, oberes Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MTer		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/1 "Magdalénien-Brandschicht, oberes Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/1 "Magdalénien-Brandschicht, oberes Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi henseli*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/1 "Magdalénien-Brandschicht, oberes Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARte		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/1 "Magdalénien-Brandschicht, oberes Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARV	Microtinae	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/2 "Magdalénien-Brandschicht, mittleres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		TAeu		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/2 "Magdalénien-Brandschicht, mittleres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/2 "Magdalénien-Brandschicht, mittleres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CSfi		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/2 "Magdalénien-Brandschicht, mittleres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CTct		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/2 "Magdalénien-Brandschicht, mittleres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/2 "Magdalénien-Brandschicht, mittleres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi henseli*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/2 "Magdalénien-Brandschicht, mittleres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlagar		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/2 "Magdalénien-Brandschicht, mittleres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlgr	*"Microtus brandi "*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/2 "Magdalénien-Brandschicht, mittleres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		EQ	taxon uncertain	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/3 "Magdalénien-Brandschicht, unteres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mini		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/3 "Magdalénien-Brandschicht, unteres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/3 "Magdalénien-Brandschicht, unteres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CSfi		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/3 "Magdalénien-Brandschicht, unteres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		SP	*Spermophilus rufescens*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/3 "Magdalénien-Brandschicht, unteres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CTct		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/3 "Magdalénien-Brandschicht, unteres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/3 "Magdalénien-Brandschicht, unteres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi henseli*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/3 "Magdalénien-Brandschicht, unteres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARte		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/3 "Magdalénien-Brandschicht, unteres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		RGta	taxon uncertain	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III a/3 "Magdalénien-Brandschicht, unteres Drittel"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CER		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		TAeu		3	u							11000-13000 BP	(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		SOar		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MY		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		VUvu		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		APla		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MTev		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MTer		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		OCpu		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CSfi		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CTct		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		GLgl		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi henseli*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlagar		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARte		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlgr	*Microtus anglicus*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARV	Microtinae	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		RGta	*Rangifer* sp.	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b "Magdalénien-Kulturschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CER		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		TAeu		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		VUvu		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MTer		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MTni		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LEti		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		OCpu		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CSfi		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi henseli*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARte		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlagar		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlgr	*Microtus anglicus*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlgr	*"Microtus brandi "*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mioe		3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARV	Microtinae	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		EQ	*Equus caballus*	3	u								(late) Magdalenian		Older Dryas			Heller 1957
216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		RGta	*Rangifer* sp.	3	u								(late) Magdalenian		Older Dryas			Heller 1957

216	Bärenfelsgrotte	III b/1 "Magdalénien-Kulturschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CER		3	u								(late) Magdalenian		Older Dryas		Heller 1957
216	Bärenfelsgrotte	III b/2 "Magdalénien-Kulturschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		3	u								(late) Magdalenian		Older Dryas		Heller 1957
216	Bärenfelsgrotte	III b/2 "Magdalénien-Kulturschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	3	u								(late) Magdalenian		Older Dryas		Heller 1957
216	Bärenfelsgrotte	III b/2 "Magdalénien-Kulturschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi henseli*	3	u								(late) Magdalenian		Older Dryas		Heller 1957
216	Bärenfelsgrotte	III b/2 "Magdalénien-Kulturschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARV	Microtinae	3	u								(late) Magdalenian		Older Dryas		Heller 1957
216	Bärenfelsgrotte	III b/2 "Magdalénien-Kulturschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		EQ	*Equus caballus*	3	u								(late) Magdalenian		Older Dryas		Heller 1957
216	Bärenfelsgrotte	III b/2 "Magdalénien-Kulturschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		RGta	*Rangifer* sp.	3	u								(late) Magdalenian		Older Dryas		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		TAeu		0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		VUvu		0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		APla	taxon uncertain	0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MEme		0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		OCpu		0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CSfi		0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CTct		0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi*	0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi henseli*	0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARte		0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlagar		0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlgr	*Microtus anglicus*	0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mloe		0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARV	Microtinae	0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		EQ	*Equus caballus*	0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		RGta	*Rangifer* sp.	0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CEel		0											Older Dryas or older		Heller 1957
216	Bärenfelsgrotte	IV "Knochenschicht"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CER		0											Older Dryas or older		Heller 1957
217	Klingenfelsschutzdach	III/Mitte	48,6167	10,2500	464	South	D	BW	Swabian Alb		approximates Bärenfelsgrotte		RGta		0							10000-12000 BP					artifacts	Heller 1957
217	Klingenfelsschutzdach	III/Mitte	48,6167	10,2500	464	South	D	BW	Swabian Alb		approximates Bärenfelsgrotte		MGgl	*Megaloceros* (?)	0												artifacts	Heller 1957
217	Klingenfelsschutzdach	Grenze III/IV	48,6167	10,2500	464	South	D	BW	Swabian Alb		approximates Bärenfelsgrotte		RGta		0												artifacts	Heller 1957
217	Klingenfelsschutzdach	IV	48,6167	10,2500	464	South	D	BW	Swabian Alb		approximates Bärenfelsgrotte		RGta		0												artifacts	Heller 1957
218	Spitalhöhle	II	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CLcl		5											early Holocene		Heller 1957
218	Spitalhöhle	IV	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		VUvu		5											early Holocene		Heller 1957
218	Spitalhöhle	IV	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CA		5											early Holocene		Heller 1957
218	Spitalhöhle	IV	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CAN		5											early Holocene		Heller 1957
218	Spitalhöhle	IV	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		FEsi		5											early Holocene		Heller 1957
218	Spitalhöhle	IV	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		FEL		5											early Holocene		Heller 1957
218	Spitalhöhle	IV	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LYly		5											early Holocene		Heller 1957
218	Spitalhöhle	IV	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		5											early Holocene		Heller 1957
218	Spitalhöhle	IV	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CSfi		5											early Holocene		Heller 1957
218	Spitalhöhle	IV	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		AMsy		5											early Holocene		Heller 1957
218	Spitalhöhle	V	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		VUvu		5											early Holocene		Heller 1957
218	Spitalhöhle	V	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CA		5											early Holocene		Heller 1957
218	Spitalhöhle	V	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MAma		5											early Holocene		Heller 1957
218	Spitalhöhle	V	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MTer		5											early Holocene		Heller 1957
218	Spitalhöhle	V	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		FEsi	*Felis* cf. *silvestris*	5											early Holocene		Heller 1957
218	Spitalhöhle	V	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		GLgl		5											early Holocene		Heller 1957
218	Spitalhöhle	V/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		TAeu		5											early Holocene		Heller 1957
218	Spitalhöhle	V/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		VUvu		5											early Holocene		Heller 1957
218	Spitalhöhle	V/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MAma		5											early Holocene		Heller 1957
218	Spitalhöhle	V/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MTer		5											early Holocene		Heller 1957
218	Spitalhöhle	V/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MTni		5											early Holocene		Heller 1957
218	Spitalhöhle	V/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		FEsi		5											early Holocene		Heller 1957
218	Spitalhöhle	V/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		FEL	taxon uncertain	5											early Holocene		Heller 1957
218	Spitalhöhle	V/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LYly		5											early Holocene		Heller 1957
218	Spitalhöhle	V/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		5											early Holocene		Heller 1957
218	Spitalhöhle	V/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		GLgl		5											early Holocene		Heller 1957
218	Spitalhöhle	V/u	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	5											early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		TAeu		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		SO		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MTni		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		GLgl		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		AM		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LMim		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		DI	*Dicrostonyx guilelmi*	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARte		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlagar		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CYgl		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARV	Microtinae	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI "Mesolithische Brandschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CLcl		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		TAeu		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		SOar		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		NEfo		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CHIR		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MTni		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		MSav		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		AM		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LMim		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlagar		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mlgr	"*Microtus brandi* "	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		Mloe		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CYgl		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARV	Microtinae	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/o "Mesolithische Brandschicht, oberste 5 cm"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		ARte		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		TAeu		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CAN		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		FEsi		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		LE		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		CTct		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/		GLgl		5									Mesolithic		early Holocene		Heller 1957

218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	AM		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx torquatus*	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx guilelmi henseli*	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARte		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	Mlagar		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARV	Microtinae	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/1 "Mesolithische Brandschicht, obere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	CLcl		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/2 "Mesolithische Brandschicht, Mitte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	FEsi		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/2 "Mesolithische Brandschicht, Mitte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARte		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/2 "Mesolithische Brandschicht, Mitte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	CYgl		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/2 "Mesolithische Brandschicht, Mitte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARV	Microtinae	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	TAeu		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	TAeu	*Talpa europaea magna*	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	NE		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	MTer		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	FEsi		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	LE		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	CTct		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	AMfl		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx guilelmi henseli*	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARte		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	Mioe		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	CYgl		5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARV	Microtinae	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VI/3 "Mesolithische Brandschicht, untere Hälfte"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARV	Microtinae	5									Mesolithic		early Holocene		Heller 1957
218	Spitalhöhle	VII	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	TAeu		4	u										Preboreal or YD		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	TAeu		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	LE		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	MT		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	CA	taxon uncertain	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx torquatus*	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx guilelmi*	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx guilelmi henseli*	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARte		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	Mlagar		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	Mlgr	*Microtus anglicus*	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARV	Microtinae	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII a "Magdalénien-Brandschicht allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	RGta	taxon uncertain	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	TAeu		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	TAeu	*Talpa europaea magna*	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	MTer		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	LEti		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	LE		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	OCpu		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	CSfi		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	CTct		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx torquatus*	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx guilelmi henseli*	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARte		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARV	Microtinae	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b "Magdalénien-Kulturschicht, allgemein"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	RGta	*Rangifer* sp.	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/u "Magdalénien-Kulturschicht, nahe deren Basis"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	TAeu		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/u "Magdalénien-Kulturschicht, nahe deren Basis"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	MT		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/u "Magdalénien-Kulturschicht, nahe deren Basis"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	LE		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/u "Magdalénien-Kulturschicht, nahe deren Basis"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	OCpu		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/u "Magdalénien-Kulturschicht, nahe deren Basis"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx torquatus*	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/u "Magdalénien-Kulturschicht, nahe deren Basis"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx guilelmi*	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/u "Magdalénien-Kulturschicht, nahe deren Basis"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx guilelmi henseli*	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/u "Magdalénien-Kulturschicht, nahe deren Basis"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARte		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/u "Magdalénien-Kulturschicht, nahe deren Basis"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	Mlgr	*Microtus anglicus*	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/u "Magdalénien-Kulturschicht, nahe deren Basis"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	RGta	*Rangifer* sp.	1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/u "Magdalénien-Kulturschicht, nahe deren Basis"	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	CER		1									Magdalenian		Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	TAeu		1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	VUvu		1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	APla	taxon uncertain	1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	LEti		1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	LE		1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx torquatus*	1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx guilelmi henseli*	1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARte		1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	Mlagar		1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	Mlgr	*Microtus anglicus*	1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARV	Microtinae	1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	EQ	*Equus caballus*	1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	RGta	*Rangifer* sp.	1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	CER		1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	VIII b/IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	BI	taxon uncertain	1	u										Pleniglacial		Heller 1957
218	Spitalhöhle	IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	LE		1	u										Pleniglacial ?		Heller 1957
218	Spitalhöhle	IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	DI	*Dicrostonyx torquatus*	1	u										Pleniglacial ?		Heller 1957
218	Spitalhöhle	IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	ARV	Microtinae	1	u										Pleniglacial ?		Heller 1957
218	Spitalhöhle	IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	Mlgr	"*Microtus brandi* "	1	u										Pleniglacial ?		Heller 1957
218	Spitalhöhle	IX	48,6167	10,2500	464	South	D	BW	Swabian Alb	Giengen an der Brenz	www.fallingrain.com/world/	RGta		1	u										Pleniglacial ?		Heller 1957
219	Malerfels	I/1b	48,5965	10,1763	516	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA	SUsc		5		8605	210	H-3808-3041	charcoal	sample I-UH 1, 9-3	1	6655 BC	Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA	CLcl		5		9075	100	H-3809-3042	charcoal	sample II-UH 1 8-2	1	7125 BC	Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA	LE		5		9560	250	H-3810-3043	charcoal	sample III-GH	1	7610 BC	Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA	CSfi		5									Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA	VUvu		5									Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA	CAlu		5									Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003

219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MEme		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		FEsi		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CEel		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		DI	*Dicrostonyx guilelmi*	5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIni		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIgr		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CRule		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SCvu		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CYgl		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIsu		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		AM		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		GLgl		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MSav		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		EMqu		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SOar		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SOmi		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		NEfo		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		TAeu		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CHIR		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		ARte		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIagar		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
219	Malerfels	I/1b	48,5965	10,1763	516	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIoe		5								Beuronian A/B		warm climate, survival of cold-adapted species		Albrecht 1984; Koenigswald 1984b; Kind 2003
220	Spitzbubenhöhle	general	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA				1	12747	110	H-4052-3212			1					mean of three datings; number already occupied?	Street & Terberger 2000; Weniger 1989; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		EReu		2	15230	100	H-4149-3348	bone fragments		1	13280 BC	Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CRule	*Crocidura* sp.	1	13840	120	H-4314-3715	bone fragments		1	11890 BC	Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		NEfo		1							12500-17000 BP	Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SOar		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SOmi		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		TAeu		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CHIR		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		OCpu		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		LE		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SP	*Spermophilus supercilliosus*	1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CTct		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		ARte		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CYgl		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		DI	*Dicrostonyx guilelmi*	1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		LMIm		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIagar		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIgr		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIni		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIoe		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIsu		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		AMfl		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MOmi		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		GLgl		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		EMqu		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MSav		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		APveVU		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MT		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MTer		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MTpu		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		LYly		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		EQ		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		ARTI		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		RGta		1								Magdalenian; late Paleolithic	Oldest Dryas ?		hedgehog Holocene intermixture (Sommer 2007); dates problematic; same level as GH 9??? CR and MOmi holocene intermixture (Koenigswald 1984)	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007; Kind 2003
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SOar		1	u						12500-17000 BP		Oldest Dryas ?		dates problematic	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SOmi		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		TAeu		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CHIR		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		OCpu		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		LE		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SP	*Spermophilus supercilliosus*	1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		ARte		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CYgl		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		DI	*Dicrostonyx guilelmi*	1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIagar		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIgr		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIni		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MIoe		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		AMfl		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		EMqu		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		EQ		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 8-9 (transition)	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CER		1	u								Oldest Dryas ?			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SOar		2	u	12747	110	H-4052-3212	bone fragments		10797 BC		Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		dates problematic	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SOms		2	u						12500-17000 BP		Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		dates problematic	Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SOmi		2	u								Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		TAeu		2	u								Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CHIR		2	u								Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		OCpu		2	u								Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		LE		2	u								Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		LEti		2	u								Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D		BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		SP	*Spermophilus supercilliosus*	2	u								Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions			Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007

220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CTct		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		ARte		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CYgl		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		DI	*Dicrostonyx guilelmi*	2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		LMim		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		Mlagar		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		Mlgr		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		Mini		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		Mloe		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		AMfl		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		GLgl		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		APveVU		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MA		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MT		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MTer		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		MTni		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		PAlesp		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		EQ		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		CDan		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		ARTI		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
220	Spitzbubenhöhle	GH 9	48,5951	10,1770	528	South	D	BW	Swabian Alb	Eselsburg	Google Earth 4 BETA		RGta		2	u										Oldest Dryas ?; 3% thermophilious small mammals and PAlesp present, therefore some bushes and trees, no fully glacial conditions		Koenigswald 1984a (fauna); Hahn 1984a (dates, archaeology); Sommer 2007
221	Bocksteinschmiede	a+b	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	LE		0												time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	a+b	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	RGta	*Rangifer* sp.	0												time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	c	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	CAlu		0									late Palaeolithic			time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	c	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	URsp		0									late Palaeolithic			time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	c	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	MEme		0									late Palaeolithic			time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	c	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		0									late Palaeolithic			time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	c	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	RGta	*Rangifer* sp.	0									late Palaeolithic			time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	c/d	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		0												time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	c/d	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	MGgl		0												time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	c/f	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		0												time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	c/f	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	CDan		0												time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	d/f	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	PAlesp		0												time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	d/f	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		0												time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	d/f	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	CDan		0												time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	d/f	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	RGta	*Rangifer* sp.	0												time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	e	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlagar		0									late Palaeolithic			time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	e	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	COcosp		0									late Palaeolithic			time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	e	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		0									late Palaeolithic			time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	e	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	CDan		0									late Palaeolithic			time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	e	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	RGta	*Rangifer* sp.	0									late Palaeolithic			time slice 1 or 2	Lehmann 1969; Bosinski 1969
221	Bocksteinschmiede	e	48,5550	10,1564	500	South	D	BW	Kreis Ulm, Lonetal	Langenau ?	Koenigswald & Heinrich 1996; transdat 11.04	x	BOpr	taxon uncertain	0									late Palaeolithic			time slice 1 or 2	Lehmann 1969; Bosinski 1969
222	Hohlenstein near Ederheim, Hohlenstein-Schambach	AH F	48,5510	10,1680		South	D	BW	Swabian Alb	Nördingen	Vermeersch 2006		RGta		2		12410	90	OxA-5752	reindeer bone		2		Magdalenian				Kind 2003; Housley et al. 1997; Vermeersch 2006
223	Hohlenstein Stadel	II	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	LAGO		1		13200							Magdalenian sensu lato				Hahn et al. 1973; Gamble 1979; Vermeersch 2006
223	Hohlenstein Stadel	II	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	URsp		1									Magdalenian sensu lato				Hahn et al. 1973; Gamble 1979; Vermeersch 2006
223	Hohlenstein Stadel	II	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	COcosp		1									Magdalenian sensu lato				Hahn et al. 1973; Gamble 1979; Vermeersch 2006
223	Hohlenstein Stadel	II	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MMpr		1									Magdalenian sensu lato				Hahn et al. 1973; Gamble 1979; Vermeersch 2006
223	Hohlenstein Stadel	II	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	EQ		1									Magdalenian sensu lato				Hahn et al. 1973; Gamble 1979; Vermeersch 2006
223	Hohlenstein Stadel	II	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	RGta		1									Magdalenian sensu lato				Hahn et al. 1973; Gamble 1979; Vermeersch 2006
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	RODE		1		13550	130	H-3799-3033	bone		1	max. 13100 BP	Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	APla		1		13110	160	H-3759-3034	bone		1		Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	CAlu		1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	APveVU	*Vulpes*	1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	VUvu		1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	URsp		1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MAma		1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MT		1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	COcosp		1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	FEsi		1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	PAlesp		1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	EQ		1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	ALal		1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	III	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	CEel		1									Magdalenian				Hahn 1981; Hahn et al. 1973; Gamble 1979

223	Hohlenstein Stadel	III	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	RGta		1									Magdalenian					Hahn 1981; Hahn et al. 1973; Gamble 1979
223	Hohlenstein Stadel	Magdalenian horizon?	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	CEel		2		12400	180	ETH-2878	*Cervus elaphus*				Magdalenian?					Sommer et al. 2008
224	Kleine Scheuer am Hohlenstein/Lonetal	general	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x			1		16330	532											Koenigswald pers. comm.
224	Kleine Scheuer am Hohlenstein/Lonetal	general	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x			1		16773	384											Koenigswald pers. comm.
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	DI	*Dicrostonyx guilelmi*	1		13252	98	H-4183-3416	small mammal bone	88-86 cm	1		Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MIgr		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	OCpu		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	PHsu		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MIni		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	LEti		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	CYgl		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	ARte		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MIoe		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	SOar		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	SOms		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	ARte	*Arvicola* sp.	1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MI		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MTer		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MTpu		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MTni		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MIagar		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	APveVU		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	RGta		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section = IIIr = 12-14 = 123-78 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	LE		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, lower section, addition from layer 13	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	CHIR		1									Magdalenian (in Fundkomplex III)	Oldest Dryas; rodents indicate very dry climate	missing: SPsu,LMlm, MMpr, CDan, URsp		Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	DI	*Dicrostonyx guilelmi*	2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MIgr		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	OCpu		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	PHsu		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MIni		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	LEti		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	SOar		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	TAeu	large form	2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MTer		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	RGta		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	NEfo		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	SOms		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	CYgl		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	ARte		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	CHIR		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MIagar		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	LE		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MIoe		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	AMfl		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	Nagetierschicht, upper section = IIb = 11 = 78-71 cm	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MTni		2	u								late Palaeolithic (in Fundkomplex IIa and b)	late Weichselian; rodents indicate very dry climate			Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	SOar		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	SOms		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	TAeu	large form	0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	OCpu		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	LEti		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	CTct		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48.5506	10.1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	DI	*Dicrostonyx guilelmi*	0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996

224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	ARte	*Arvicola* sp.	0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MI		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MIar		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	CAlu		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	APla		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	VUvu		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MTni		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MTer		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	MTpu		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	FEsi	or domesticated (?)	0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	LYly		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	PAlesp		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	EQ		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
224	Kleine Scheuer am Hohlenstein/Lonetal	above Nagetierschicht = I and IIa = 1-10	48,5506	10,1753	470	South	D	BW	Swabian Alb	Asselfingen	Hahn & Koenigswald 1977; transdat 11.04	x	RGta		0									late Palaeolithic, Mesolithic and Neolithic				Hahn & Koenigswald 1977; Koken 1912; Koenigswald & Heinrich 1996
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	HOsa		2	u	12470	65	OxA-11054	human bone		2		Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	LEti		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	CAlu		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	APveVU	VUvu/APla	2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	URsp		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	MTer		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	LYly		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	MMpr		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	EQ	*cf. caballus*	2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	CEel		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	RGta		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	BOveBI	Blpr/BOpr	2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	OVar		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	RUru		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	TAeu	*Talpa europaea magna*	2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	MYmy		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	EPse		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	NYno		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	Plpi		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	AMfl		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	GLgl		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	CYgl		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	ARte		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	IV	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	Mlagar		2	u								Magdalenian			Earlier AND Earliest Dryas	Boessneck & Driesch 1973; Riek 1973; Storch 1973; Street et al. 2006a (Orschiedt 2002)
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	LEti		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	CAlu		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	APveVU	VUvu/APla	2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	URsp		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	MTer		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	MTni		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	PAlesp		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	MMpr		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	EQ	*cf. caballus*	2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	CEel		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	RGta		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	CPlb		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	SAta		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	TAeu	*Talpa europaea magna*	2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	SP	*Spermophilus supercilliosus*	2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	DI	*Dicrostonyx torquatus*	2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	LMim		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	Mlagar		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	Mlgr		2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	V	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	ARte	*Arvicola antiquus*	2									Magdalenian		Oldest Dryas		Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	LEti		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	OCpu		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	CAlu		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	APveVU	VUvu/APla	0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	URsp		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	URar		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	MTer		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	MTni		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	PAlesp		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	MMpr		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	EQ	*cf. caballus*	0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	RGta		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	BOveBI	Blpr/BOpr	0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	CPlb		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	TAeu	*Talpa europaea magna*	0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	SOar	*Sorex cf. araneus*	0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	SP	*Citellus supercilliosus*	0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	GLgl		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	AMfl		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	DI	*Dicrostonyx torquatus*	0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	LMim		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	Mloe		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	Mini		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	Mlagar		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	Mlgr		0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	MI	Mloe/ni	0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	MI	Mlagar/gr	0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
225	Brillenhöhle	VI (Fließerde)	48,4015	9,7790	600	South	D	BW	Swabian Alb	Blaubeuren	Riek 1973; transdat 10.15	x	ARte	*Arvicola antiquus*	0									Magdalenian				Boessneck & Driesch 1973; Riek 1973; Storch 1973
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	DI	*Dicrostonyx guilelmi*	5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994

226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	Mlagar		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	Mlni		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	Mloe		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	CARN	small	5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	APveVU		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	URar		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	URsp	admixed	5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	LUlu		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	MAfo		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	MEme		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	MTpu		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	FEL	*Felis*	5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	SUsc	Sus sp.	5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	RUMI		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	CLcl		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	CEel		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 0-1 = H	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	ARTI		5											Holocene	Suspection: URsp admixed from lower horizons, maybe due to badger activities.	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	2 (E)	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x			5		8080	50	H-7386-7378	bone		1		Magdalenian				Hahn & Scheer 1988
226	Geißenklösterle	GH 2 (includes AH Io)	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	LE		1	u	12750	130	OxA-6253	horse	sq 68	2		Magdalenian		late Pleistocene		Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 2 (includes AH Io)	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	CARN		1	u	13130	100	OxA-6254	reindeer	sq 78	2		Magdalenian		late Pleistocene		Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 2 (includes AH Io)	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	APveVU		1	u								Magdalenian		late Pleistocene		Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 2 (includes AH Io)	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	URsp		1	u								Magdalenian		late Pleistocene		Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 2 (includes AH Io)	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	LUlu		1	u								Magdalenian		late Pleistocene		Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 2 (includes AH Io)	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	MTpu		1	u								Magdalenian		late Pleistocene		Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 2 (includes AH Io)	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	RUMI		1	u								Magdalenian		late Pleistocene		Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 2 (includes AH Io)	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	BOveBI		1	u								Magdalenian		late Pleistocene		Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 2 (includes AH Io)	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	CPib		1	u								Magdalenian		late Pleistocene		Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	LE		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	APveVU		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	URsp		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	MTpu		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	MA		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	LYly		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	RGta		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	BOveBI		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	SUsc	admixed	1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	ARTI		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	SOar		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	SO		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	SOmi		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	NEfo		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994

226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	GLgl		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	AM		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	CTct		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	DI	*Dicrostonyx guilelmi*	1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	CYgl		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	Mini		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	Mlagar		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	Mloe		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	Mlgr		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	Slbe	*Sicista* sp.	1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	GH 3-4	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x	MTni		1									no artifacts		late Pleistocene	SUsc admixed from Holocene horizon	Hahn et al. 1977; Hahn & Wagner 1975; Hahn 1981; Münzel et al. 1994
226	Geißenklösterle	5bc	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x			1	14700	120	H-7385-7377	bone			1							Hahn & Scheer 1988
226	Geißenklösterle	5bc (E)	48,4006	9,7709	590	South	D	BW	Swabian Alb	Blaubeuren - Weiler	Hahn et al. 1977; Hahn & Wagner 1975; Google Earth 4 BETA	x			1	13110	120	H-7384-7376	bone			1							Hahn & Scheer 1988
227	Burkhardtshöhle		48,4000	9,8000		South	D	BW			figure in Street et al. 2006a		HOsa		2	u	12450	110	ETH-7613	human skull fragment										Riek 1957; Koenigswald pers. comm.; Street et al. 2006a
227	Burkhardtshöhle		48,4000	9,8000		South	D	BW			figure in Street et al. 2006a		APla		2	u														Riek 1957; Koenigswald pers. comm.; Street et al. 2006a
227	Burkhardtshöhle		48,4000	9,8000		South	D	BW			figure in Street et al. 2006a		LEti		2	u														Riek 1957; Koenigswald pers. comm.; Street et al. 2006a
227	Burkhardtshöhle		48,4000	9,8000		South	D	BW			figure in Street et al. 2006a		CTct		2	u														Riek 1957; Koenigswald pers. comm.; Street et al. 2006a
227	Burkhardtshöhle		48,4000	9,8000		South	D	BW			figure in Street et al. 2006a		DI	*Dicrostonyx torquatus*	2	u														Riek 1957; Koenigswald pers. comm.; Street et al. 2006a
227	Burkhardtshöhle		48,4000	9,8000		South	D	BW			figure in Street et al. 2006a		Mlagar		2	u														Riek 1957; Koenigswald pers. comm.; Street et al. 2006a
227	Burkhardtshöhle		48,4000	9,8000		South	D	BW			figure in Street et al. 2006a		ALal		2	u														Riek 1957; Koenigswald pers. comm.; Street et al. 2006a
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		MMpr		2	u							12000-20000 BP	Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		RGta		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		CPib	*Ibex* sp.	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		EQ	*Equus caballus*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		URsp		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		MT		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		MTer		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		MTni		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		CAlu		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		VUvu		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		APla		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		SOar	*vulgaris*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		SOmi	*pygmaeus*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		LEti	*variabilis*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		CT	*C. frumentarius*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		DI	*obensis*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		DI	*Dicrostonyx torquatus*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		OCpu		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		ARte	*Arvicola amphibius*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		Mloe	*Microtus oeconomus ratticeps*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		Mlar		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		Mlag		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		Mlgr		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		RODE	*"Mus"*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		RGta		2	u							12000-20000 BP	Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		EQ	*Equus caballus*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		MT		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		MTer		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		MTni		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		CAlu		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		VUvu		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		TAeu		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		LEti	*variabilis*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		CT	*C. frumentarius*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		DI	*Dicrostonyx torquatus*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		OCpu		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		ARte	*Arvicola amphibius*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		Mloe	*Microtus oeconomus ratticeps*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		Mlag		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		Mlar		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		Mlgr		2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
228	Sirgenstein	Ib, upper rodent-bearing layer	48,3874	9,7579	625	South	D	BW	Alb-Donau	Blaubeuren	Google Earth 4 BETA		RODE	*"Mus"*	2	u								Magdalenian			listed as Older Dryas in EUQUAM	Koken 1912; Hahn 1991; Vermeersch 2006
229	Hohle Fels	Cave, Unit A	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		URsp		1								ca. 13000	Magdalenian				Schiegl et al. 2003
229	Hohle Fels	Cave, Unit A	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		EQ		1									Magdalenian				Schiegl et al. 2003
229	Hohle Fels	Cave, Unit A	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		RGta		1									Magdalenian				Schiegl et al. 2003
229	Hohle Fels	Cave, Unit A	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		APveVU		1									Magdalenian				Schiegl et al. 2003
229	Hohle Fels	Cave, Unit A	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		LE		1									Magdalenian				Schiegl et al. 2003
229	Hohle Fels	AH Ib/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA				1	12770	110	H 5312-4907				1		Magdalenian				Kind 2003; Housley et al. 1997
229	Hohle Fels	AH Ib/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA				1	13085	95	H 5119-4601				1		Magdalenian				Kind 2003; Housley et al. 1997
229	Hohle Fels	AH Ib/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA				1	13240	110	OxA-4956				2		Magdalenian				Kind 2003; Housley et al. 1997
229	Hohle Fels	AH Ib/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA				1	12520	130	OxA-4975				2		Magdalenian				Kind 2003; Housley et al. 1997
229	Hohle Fels	AH Ib/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA				1	13350	140	OxA-4977				2		Magdalenian				Kind 2003; Housley et al. 1997
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		APveVU		1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		URsp		1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		RGta	*Rangifer* sp.	1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		EQ		1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		CER		1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		SOar		1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		SOmi		1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		CRule	*Crocidura leucodon*	1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		DI		1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		Mlagar		1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		Mlgr		1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		Mini		1	u										moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon Ib/Ia	48,3790	9,7550	615	South	D	BW	Swabian Alb	Scheklingen	Google Earth 4 BETA		Mloe		1	u										moderately humid but cold		Markert 1996

229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		LE		1		12770	110	H-5312-4907			1				moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		URsp		1		13085	95	H-5119-4601			1				moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		RGta	*Rangifer* sp.	1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		EQ		1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		CER		1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		BOV		1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		SOar		1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		SOmi		1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		CRrule	*Crocidura leucodon*	1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		NEfo		1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		DI		1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		MIagar		1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		MIgr		1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		MIni		1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 1c/Ib	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		MIoe		1											moderately humid but cold		Markert 1996
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		LE		1		15760	140	H-5313-4898			1		possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		CSfi		1		17100	150	H-5120-4569			1		possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		APveVU		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		URsp		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		RGta	*Rangifer* sp.	1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		MMpr		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		EQ		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		SOar		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		SOmi		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		SOms		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		NEfo		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		DI		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		LMlm		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		MIagar		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		MIgr		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		MIni		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
229	Hohle Fels	Nische, horizon 3/IIa	48,3790	9,7550	615	South	D	BW	Swabian Alb	Schelklingen	Google Earth 4 BETA		MIoe		1									possibly early Magdalenian		climate less cold and more humid than in horizon 1c/Ib		Markert 1996; Street & Terberger 2000
230	Schuntershöhle	3rd and 4th cultural layer	48,3333	9,6500	664	South	D	BW	Weilersteußlingen		www.fallingrain.com/world/		BOveBI		5									Mesolithic; layer 4 = Beuronian A				Harbison-Soergel 1978; Gietz 2001
230	Schuntershöhle	3rd and 4th cultural layer	48,3333	9,6500	664	South	D	BW	Weilersteußlingen		www.fallingrain.com/world/		CLcl		5									Mesolithic; layer 4 = Beuronian A				Harbison-Soergel 1978; Gietz 2001
230	Schuntershöhle	3rd and 4th cultural layer	48,3333	9,6500	664	South	D	BW	Weilersteußlingen		www.fallingrain.com/world/		ARte		5									Mesolithic; layer 4 = Beuronian A				Harbison-Soergel 1978; Gietz 2001
230	Schuntershöhle	3rd and 4th cultural layer	48,3333	9,6500	664	South	D	BW	Weilersteußlingen		www.fallingrain.com/world/		MIag		5									Mesolithic; layer 4 = Beuronian A				Harbison-Soergel 1978; Gietz 2001
230	Schuntershöhle	3rd and 4th cultural layer	48,3333	9,6500	664	South	D	BW	Weilersteußlingen		www.fallingrain.com/world/		MIar		5									Mesolithic; layer 4 = Beuronian A				Harbison-Soergel 1978; Gietz 2001
230	Schuntershöhle	5th cultural layer	48,3333	9,6500	664	South	D	BW	Weilersteußlingen		www.fallingrain.com/world/		RGta		2	u								Late Palaeolithic, Magdalenian				Harbison-Soergel 1978
230	Schuntershöhle	5th cultural layer	48,3333	9,6500	664	South	D	BW	Weilersteußlingen		www.fallingrain.com/world/		LEti	taxon uncertain	2	u								Late Palaeolithic, Magdalenian				Harbison-Soergel 1978
231	Fohlenhaus-Höhle	sample 1a (upper 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		TAeu		5		8140	70	B-936			1	7500-9000 BP	Beuronian B, Early Mesolithic		Boreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1a (upper 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		ARte	*Arvicola* sp.	5									Beuronian B, Early Mesolithic		Boreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1a (upper 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		CYgl		5									Beuronian B, Early Mesolithic		Boreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1a (upper 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		AMsy		5									Beuronian B, Early Mesolithic		Boreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1a (upper 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		ARTI		5									Beuronian B, Early Mesolithic		Boreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1b (lower 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		TAeu		5								8000-10000 BP	Beuronian B, Early Mesolithic		Preboreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1b (lower 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		NE		5									Beuronian B, Early Mesolithic		Preboreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1b (lower 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		CRrule	taxon uncertain	5									Beuronian B, Early Mesolithic		Preboreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1b (lower 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		NYno		5									Beuronian B, Early Mesolithic		Preboreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1b (lower 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		CTct		5									Beuronian B, Early Mesolithic		Preboreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1b (lower 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		MIagar		5									Beuronian B, Early Mesolithic		Preboreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1b (lower 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		ARte	*Arvicola* sp.	5									Beuronian B, Early Mesolithic		Preboreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1b (lower 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		CYgl		5									Beuronian B, Early Mesolithic		Preboreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1b (lower 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		AMfl		5									Beuronian B, Early Mesolithic		Preboreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1b (lower 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		AMsy		5									Beuronian B, Early Mesolithic		Preboreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 1b (lower 2nd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		MEme		5									Beuronian B, Early Mesolithic		Preboreal (Paleobotany)		Storch 1978b; Boessneck 1978d; Schweingruber 1978
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		TAeu		4	u							10000-12000 BP	Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		SOar		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		OCpu		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		CTct		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		DI	*Dicrostonyx torquatus*	4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		MIoe		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		MIgr		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		MIagar		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		ARte	*Arvicola* sp.	4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		CEel		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		CLcl		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		EQ		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		URar		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		CAlu		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		VUvu		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		MTer		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
231	Fohlenhaus-Höhle	sample 2 (3rd cultural layer)	48,2900	10,0800		South	D	BW	Alb-Donau-Kreis	Langenau	Eurofauna Database		LE		4	u								Late Palaeolithic			only uncertain age	Storch 1978b; Boessneck 1978d
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	OCpu		2	u	12680	120	H-7393-7428	reindeer, limb bones		1	12760-12800 BP	Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	LE		2	u	13390	90	OxA-6427					Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CYgl		2	u								Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	DI	*Dicrostonyx gulielmi*	2	u								Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MIag		2	u								Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MIgr		2	u								Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MIni		2	u								Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MIoe		2	u								Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	AMfl		2	u								Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	APla		2	u								Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	EQ		2	u								Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	AH IIIa	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	RGta		2	u								Magdalenian		Bølling or Older Dryas	Older deviations, might mean Meiendorf	Berke 1987; Kind 1987, 2003; Storch 1987; Jaguttis-Emden 1987 (date); date also in Street et al. 1994
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	SOar		5		8190	65	H-7444-7493				6800-8190 BP	early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	TAeu		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CRrule	*Crocidura leucodon*	5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	LE		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	SCvu		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CTct		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	ARte		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CYgl		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MIagar		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003

232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mtsu		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	AM	*A. sylvaticus* or *flavicollis*	5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	GLgl		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CHIR		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	VUvu		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	LUlu		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MEme		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MTni		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	SUsc		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CLcl		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CEel		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3 (AH IIa3)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CSfi		5									early Mesolithic		"younger Boreal" according to Storch 1987, as Preboreal in EUQUAM	AH IIa3 equals GH 2a3 according to Berke 1987	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (date); Kind 1987, 2003
232	Felsställe	GH 2a3/2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	SOar		5							7000-9000 BP				"older Boreal according to Storch 1987		Storch 1987; Kind 1987
232	Felsställe	GH 2a3/2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	TAeu		5											"older Boreal according to Storch 1987		Storch 1987; Kind 1987
232	Felsställe	GH 2a3/2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	SCvu		5											"older Boreal according to Storch 1987		Storch 1987; Kind 1987
232	Felsställe	GH 2a3/2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	ARte		5											"older Boreal according to Storch 1987		Storch 1987; Kind 1987
232	Felsställe	GH 2a3/2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CYgl		5											"older Boreal according to Storch 1987		Storch 1987; Kind 1987
232	Felsställe	GH 2a3/2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mini		5											"older Boreal according to Storch 1987		Storch 1987; Kind 1987
232	Felsställe	GH 2a3/2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mioe		5											"older Boreal according to Storch 1987		Storch 1987; Kind 1987
232	Felsställe	GH 2a3/2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	AMfi		5											"older Boreal according to Storch 1987		Storch 1987; Kind 1987
232	Felsställe	GH 2a3/2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	GLgl		5											"older Boreal according to Storch 1987		Storch 1987; Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CRrule	*Crocidura leucodon*	5							9000-10000				wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	SOar		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	TAeu		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CHIR		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	ARte		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CYgl		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mlagar		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	AMfi		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	SCvu		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	LE		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	VUvu		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MT		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CLcl		5											wood, warm and open biotopes (Storch 1987)	base of Holocene (Storch 1987); no corresponding AH named	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 2b/3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	TAeu		4							10000-11000 BP				YD	bigger limestones indicating higher weathering during cold phase	Storch 1987; Kind 1987; Kind pers. comm. 2008
232	Felsställe	GH 2b/3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	ARte		4											YD	bigger limestones indicating higher weathering during cold phase	Storch 1987; Kind 1987; Kind pers. comm. 2008
232	Felsställe	GH 2b/3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CYgl		4											YD	bigger limestones indicating higher weathering during cold phase	Storch 1987; Kind 1987; Kind pers. comm. 2008
232	Felsställe	GH 2b/3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	DI	*Dicrostonyx guilelmi*	4											YD	bigger limestones indicating higher weathering during cold phase	Storch 1987; Kind 1987; Kind pers. comm. 2008
232	Felsställe	GH 2b/3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mlagar		4											YD	bigger limestones indicating higher weathering during cold phase	Storch 1987; Kind 1987; Kind pers. comm. 2008
232	Felsställe	GH 2b/3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Migr		4											YD	bigger limestones indicating higher weathering during cold phase	Storch 1987; Kind 1987; Kind pers. comm. 2008
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	SOar		3							11000-12000 BP				Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	TAeu		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	OCpu		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	LE		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CYgl		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	DI	*Dicrostonyx guilelmi*	3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mlagar		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Migr		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mini		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mioe		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	AMfi		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	APla		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	EQ		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	RGla		3											Allerød (Storch 1987)	GH 3a corresponding to AH IIIa (Berke 1987), but small mammal stratigraphy does not fit dates (see time slice 2), therefore separated	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a/b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	SOar		3	u						11500-12500 BP				Older Dryas expected but not indicated by small mammal fauna		Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a/b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	TAeu		3	u										Older Dryas expected but not indicated by small mammal fauna		Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a/b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CYgl		3	u										Older Dryas expected but not indicated by small mammal fauna		Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a/b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	DI	*Dicrostonyx guilelmi*	3	u										Older Dryas expected but not indicated by small mammal fauna		Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a/b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mlagar		3	u										Older Dryas expected but not indicated by small mammal fauna		Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a/b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Migr		3	u										Older Dryas expected but not indicated by small mammal fauna		Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a/b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mini		3	u										Older Dryas expected but not indicated by small mammal fauna		Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a/b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mioe		3	u										Older Dryas expected but not indicated by small mammal fauna		Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3a/b	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	AMfi		3	u										Older Dryas expected but not indicated by small mammal fauna		Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	SOar		2		11285	246	H-7442-7491		1	11330±240	Magdalenian			Balling or Older Dryas; Balling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	HOsa	*Homo sapiens sapiens*	2		11800	200	H-7394-7429	reindeer, limb bones	1	11798±231	Magdalenian			Balling or Older Dryas; Balling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	OCpu		2		12050	115	H-7391-7426	reindeer, limb bones	1	12097±141	Magdalenian			Balling or Older Dryas; Balling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	LEsi		2		12100	60	H-7383-7419	reindeer, limb bones	1	12159±75	Magdalenian			Balling or Older Dryas; Balling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	SP	*Spermophilus superciliosus*	2		12320	70	H-7382-7419	reindeer, limb bones	1	12441±94	Magdalenian			Balling or Older Dryas; Balling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CTma		2		12400	145	H-7392-7428	reindeer, limb bones	1	12554±201	Magdalenian			Balling or Older Dryas; Balling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994

232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	PHsu		2		12475	80	OxA-6426			2	12100-12320	Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CYgl		2		12505	80	OxA-6428			2		Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	DI	*Dicrostonyx gulielmi*	2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mlagar		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mlgr		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mini		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mloe		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	AMfl		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	APla		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CAlu		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	VUvu		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MTni		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MT		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	LYly		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	EQ		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	RGla		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b (AH IIIb)	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CPib		2									Magdalenian		Balling or Older Dryas; Bølling (Storch 1987)	GH 3b corresponding to AH IIIb (Berke 1987)	Berke 1987 (large mammals); Storch 1987 (small mammals); Jaguttis-Emden 1987 (dates); Kind 1987, 2003; dates also in Street et al. 1994
232	Felsställe	GH 3b/4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CHIR		2	u							12500-15000 BP			Oldest Dryas; dryer/colder than GH 4 (Storch 1987)	possibly older: Pleniglacial	Storch 1987 (small mammals); Berke 1987; Kind 1987
232	Felsställe	GH 3b/4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	DI	*Dicrostonyx gulielmi*	2	u										Oldest Dryas; dryer/colder than GH 4 (Storch 1987)	possibly older: Pleniglacial	Storch 1987 (small mammals); Berke 1987; Kind 1987
232	Felsställe	GH 3b/4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mlagar		2	u										Oldest Dryas; dryer/colder than GH 4 (Storch 1987)	possibly older: Pleniglacial	Storch 1987 (small mammals); Berke 1987; Kind 1987
232	Felsställe	GH 3b/4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mlgr		2	u										Oldest Dryas; dryer/colder than GH 4 (Storch 1987)	possibly older: Pleniglacial	Storch 1987 (small mammals); Berke 1987; Kind 1987
232	Felsställe	GH 3b/4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mini		2	u										Oldest Dryas; dryer/colder than GH 4 (Storch 1987)	possibly older: Pleniglacial	Storch 1987 (small mammals); Berke 1987; Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	DI	*Dicrostonyx gulielmi*	2	u							12500-15000 BP			Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mlagar		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mlgr		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	Mini		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	RGla		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	EQ		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	LEli		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	APla		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CPib		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	CAlu		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	LYly		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	OCpu		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MTpu		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	VUvu		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
232	Felsställe	GH 4	48,2821	9,6515	590	South	D	BW	Alb-Donau-Kreis	Ehingen-Mühlen	Kind 1987; Google Earth 4 BETA	x	MT		2	u										Oldest Dryas (Storch 1987)	possibly older: Pleniglacial	Berke 1987 (large mammals); Storch 1987 (small mammals); Kind 1987
233	Rottenburg-Siebenlinden	1 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		TAeu		5		8540	75	ETH-7544	bone			8000-9500 BP	early Mesolithic				listed as Boreal in EUQUAM; metapodial of reindeer probably introduced by men (Benecke pers. comm.) Hahn et al. 1993; Kokabi 1994; Kind 2003
233	Rottenburg-Siebenlinden	1 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		SCvu		5		9110	80	ETH-8265	*rangifer* , bone				early Mesolithic				listed as Boreal in EUQUAM; metapodial of reindeer probably introduced by men (Benecke pers. comm.) Hahn et al. 1993; Kokabi 1994; Kind 2003
233	Rottenburg-Siebenlinden	1 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		CSfi		5		8840	80	ETH-8266	charcoal				early Mesolithic				listed as Boreal in EUQUAM; metapodial of reindeer probably introduced by men (Benecke pers. comm.) Hahn et al. 1993; Kokabi 1994; Kind 2003
233	Rottenburg-Siebenlinden	1 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		VUvu		5		8035	75	ETH-8264	bone			2	early Mesolithic				listed as Boreal in EUQUAM; metapodial of reindeer probably introduced by men (Benecke pers. comm.) Hahn et al. 1993; Kokabi 1994; Kind 2003
233	Rottenburg-Siebenlinden	1 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		SUsc		5									early Mesolithic				listed as Boreal in EUQUAM; metapodial of reindeer probably introduced by men (Benecke pers. comm.) Hahn et al. 1993; Kokabi 1994; Kind 2003
233	Rottenburg-Siebenlinden	1 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		CLcl		5									early Mesolithic				listed as Boreal in EUQUAM; metapodial of reindeer probably introduced by men (Benecke pers. comm.) Hahn et al. 1993; Kokabi 1994; Kind 2003
233	Rottenburg-Siebenlinden	1 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		CEel		5									early Mesolithic				listed as Boreal in EUQUAM; metapodial of reindeer probably introduced by men (Benecke pers. comm.) Hahn et al. 1993; Kokabi 1994; Kind 2003
233	Rottenburg-Siebenlinden	1 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		RGla	introduced?	5									early Mesolithic				listed as Boreal in EUQUAM; metapodial of reindeer probably introduced by men (Benecke pers. comm.) Hahn et al. 1993; Kokabi 1994; Kind 2003
233	Rottenburg-Siebenlinden	1 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		BOveBl		5									early Mesolithic				listed as Boreal in EUQUAM; metapodial of reindeer probably introduced by men (Benecke pers. comm.) Hahn et al. 1993; Kokabi 1994; Kind 2003
233	Rottenburg-Siebenlinden	3	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		CSfi		5								6000-10000					Hahn & Kind 1992
233	Rottenburg-Siebenlinden	3	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		VUvu		5													Hahn & Kind 1992
233	Rottenburg-Siebenlinden	3	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		SUsc		5													Hahn & Kind 1992
233	Rottenburg-Siebenlinden	3	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database		CLcl		5													Hahn & Kind 1992
233	Rottenburg-Siebenlinden	3 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database				5		5850	85	ETH-15243			2						Hahn & Kind 1992; Kind 2003
233	Rottenburg-Siebenlinden	3 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database				5		6845	80	ETH-12777			2						Hahn & Kind 1992; Kind 2003
233	Rottenburg-Siebenlinden	3 AH II	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database				5		7170	70	ETH-15244			2						Hahn & Kind 1992; Kind 2003
233	Rottenburg-Siebenlinden	3 AH III	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database				5		7990	70	ETH-14247			2						Hahn & Kind 1992; Kind 2003
233	Rottenburg-Siebenlinden	3 AH III	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database				5		8010	75	ETH-14245			2						Hahn & Kind 1992; Kind 2003
233	Rottenburg-Siebenlinden	3 AH IV	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database				5		8680	75	ETH-14248			2						Hahn & Kind 1992; Kind 2003
233	Rottenburg-Siebenlinden	3 AH IV	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database				5		8705	75	ETH-14246			2						Hahn & Kind 1992; Kind 2003
233	Rottenburg-Siebenlinden	3 AH IV	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database				5													Hahn & Kind 1992; Kind 2003
233	Rottenburg-Siebenlinden	3 AH IV	48,2800	8,5500		South	D	BW	Tübingen		Eurofauna Database				5													Hahn & Kind 1992; Kind 2003
234	Helga Abri	AH IIF1-6	48,2400	9,4500		South	D	BW	Swabian Alb	Scheiklingen	Eurofauna Database		LE		5		8230	40	H 4746-4121	charcoal	from IIF2			early mesolithic; IIF1 comparable to Jägerhaushöhle 8	pine, hazel, lesser oak	mollusks: IIF2/3 = transition Boreal/Atlantic		Kind 2003; Hahn & Scheer 1983
234	Helga Abri	AH IIF1-6	48,2400	9,4500		South	D	BW	Swabian Alb	Scheiklingen	Eurofauna Database		CSfi		5									early mesolithic; IIF1 comparable to Jägerhaushöhle 8	pine, hazel, lesser oak	mollusks: IIF2/3 = transition Boreal/Atlantic		Kind 2003; Hahn & Scheer 1983
234	Helga Abri	AH IIF1-6	48,2400	9,4500		South	D	BW	Swabian Alb	Scheiklingen	Eurofauna Database		CEel		5									early mesolithic; IIF1 comparable to Jägerhaushöhle 8	pine, hazel, lesser oak	mollusks: IIF2/3 = transition Boreal/Atlantic		Kind 2003; Hahn & Scheer 1983
234	Helga Abri	IIF7	48,2400	9,4500		South	D	BW	Swabian Alb	Scheiklingen	Eurofauna Database		CLcl		3	u								late palaeolithic	*Alleroid*	very late Lateglacial		Kind 2003; Hahn & Scheer 1983
234	Helga Abri	AH IIIb	48,2400	9,4500		South	D	BW	Swabian Alb	Scheiklingen	Eurofauna Database		EQ		0									Magdalenian comparable to Burkhardtshöhle, Bärenfelsgrotte and perhaps Hohlenstein III				Kind 2003; Hahn & Scheer 1983
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		TAeu		3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		SOR		3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		PLau	taxon uncertain	3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		GLgl		3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		MSav	taxon uncertain	3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		RAra		3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		AMfl	*Apodemus* cf. *flavicollis*	3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		AMsy		3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		CYgl		3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		ARte	*Arvicola* sp.	3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		Mlagar		3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		Mini		3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
235	Nikolaushöhle	2 = rodent-bearing layer	48,1833	9,2167	730	South	D	BW	Lauchertthal	Veringenstadt	www.fallingrain.com/world/		LE		3	u										Balling or Older Dryas	RAra possibly from younger horizon; fauna younger than late Magdalenian fauna of Schweizersbild and Schaffhausen	Heller 1937
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	ARte		2		12300	60	Poz-20368	Artiodactyla indet., Mp fragment	A9c/48 (H/I)	2		late Magdalenian				*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CEel		2		12196	45	KIA-26997	?*Cervus elaphus* , Mp fragment	D4b/47 (H)	2	12184 cal BC (CALIB rev 4.3)	late Magdalenian				*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	PAlesp		2		12150	60	Poz-20321	Artiodactyla indet., radius fragment	D8a/44 (G)	2		Magdalenian				*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	SOar		2		12375	50	OxA-17268	*Panthera leo spelaea* , tooth	D7d/39-40 (F oben)	2		Magdalenian				*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.

236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	TAeu		2		12430	60	Poz-20369	bone fragment	B6c/43 (F)	2		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CSfi		2		955	30	Poz-26895	*Bos* sp., tooth root	no association	2		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mioe		2		12100	100	KN-3473	bone	P18	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	APla		2		12690	280	KN-3472	bone	P17	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CPib		2		11930	200	?	?	?	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CTct		2		12200	600	KN-3481	bone	P5	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	DI	*Dicrostonyx torquatus*	2		11480	100	KN-3471	bone	P3	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	EQ		2		11300	100	KN-3474	bone	P2	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	LEti		2		11180	100	KN-3475	bone	P6	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mini		2		11070	95	KN-3476	bone	P7	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	MTni		2		11290	90	KN-3478	bone	P9	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	RGta		2		11250	100	KN-3480	bone	P4	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	RUru		2		11830	100	KN-3482	bone	P10	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	SP		2		11910	100	KN-3486	bone	P14	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	MI		2		11220	120	KN-3487	bone	P15	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mlagar		2		10080	90	KN-3479	bone	P1	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	FEL	*Felis* sp. ?	2		10500	110	KN-3484	bone	P12	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	LE		2		10340	90	KN-3485	bone	P13	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	SO	*Sorex* sp. ?	2		10400	90	KN-3488	bone	P16	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	BO	unclear stratum	2		10650	110	KN-3483	bone	P11	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x			2		10880	120	KN-3477	bone	P8	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x			2		13050	360	Bern	?	?	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	F-H	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x			2		12120	100	Heidelberg	?	?	1		Magdalenian			*Bos* admixed; older dates (marked in colour) without association to finds/layers, therefore uncertain	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	LEti		3		11860	60	Poz-20318	bone fragment	C6a/35 (E)	2		late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mini		3		11950	50	Poz-20370	Artiodactyla indet., Mp fragment	B10a/31 (E)	2		late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	MTni		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	RUru		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CPib		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mioe		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	ALal	uncertain	3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CHIR		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CYgl		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	AM		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	SO		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	SOar		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	TAeu		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	LE		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	ARte		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	MI		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mlagar		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mlag	stratum?	3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	MTer		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	E	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CEel		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	LEti		3		10730	150	?	?	c	1		late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	ALal		3		10950	120	?	?	e	1		late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mini		3		11530	250	?	?	i	1		late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CARN	*Martes* or *Alopex*	3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	RGta		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	OBmo		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CPib		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CSfi		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mioe		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.

236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CHIR		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	AM		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	SOar		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	SOmi		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	TAeu		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	LE		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	ARte		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	MI		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mlagar		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mlag		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CAlu		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	UR	uncertain	3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CEel		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D lower	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CYgl		3									late Paleolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CTct		3	10900	50	Poz-20372	Artiodactyla indet., tooth fragment	C5d/25 (D oben)	2			late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mini		3	11270	40	KIA-26996	bone fragment	B12c/20 (D oben)	2			late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CPib		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CSfi		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mloe		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	ALal	uncertain	3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CHIR		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CLcl	unclear stratum	3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	SOar		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	TAeu		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	LE		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	ARte		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	MI		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mlagar		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mlag		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CAlu		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	UR		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CEel		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	LEti		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	D upper	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CYgl		3									late Paleolithic			CLcl from C/D probably belongs to C	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	LEeu		5	9905	40	KIA-26995	*Capreolus* , Mp fragment	B10b/13 (C)	2	9306, 9297, 9291 cal BC (CALIB rev 4.3)		very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	SCvu		5	9960	50	Poz-20317	*Capreolus* , Mp fragment	B10a/9 (C)	2			very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CYgl		5	9350	100	?	?	1	1			very early Mesolithic			no assignment to certain find	Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	AM		5	9840	50	Poz-20319	?*Cervus elaphus* , Mp fragment	C7a/8-9 (B)	2			very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	MEme		5	9940	50	Poz-20320	bone fragment	D6c/6-7 (A)	2			very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	SUsc		5									very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CLcl		5									very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	SOar		5									very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	TAeu		5									very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	ARte		5									very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CEel		5									very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	CHIR		5									very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	LE		5									very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	MI		5									very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	Mlagar		5									very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
236	Zigeunerfels	A-C	48,0835	9,1604	600	South	D	BW	Swabian Alb	Sigmaringen-Unterschmeien	Koenigswald & Heinrich 1996transdat 10.15	x	BO	?	5									very early Mesolithic				Taute 1972a; Koenigswald 1972; Koenigswald & Taute 1974; Radiocarbon Laboratory Cologne Data Base; own dates; Koenigswald pers. comm.
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CRule		5									early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	NEfo		5									early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SOar		5									early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979

237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SOmi		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	TAeu		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CHIR		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	RHhi		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	LE		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	LEeu		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SCvu		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CSfi		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CTct		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	ARte		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CYgl		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MIagar		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MIoe		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MIsu		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	AM		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	AMfl		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	GLgl		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MSav		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CARN		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MTni		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	ARTI		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SUsc	*Sus* sp.	5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SUsc		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CLcl		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 300-250 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CEel		5										early Mesolithic, Beuronian B & C	oak increasing, hazel	Holocene (Boreal)		Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CRrule		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	NEfo		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SOar		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SOmi		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	TAeu		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CHIR		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	LE		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	LEeu		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	LEti		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CSfi		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	ARte		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CYgl		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	DI	*Dicrostonyx gulielmi*	4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	ARV	Microtinae	4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MI		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MIag		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MIagar		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MIgr		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MIni		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MIoe		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MIsu		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	AM		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	AMfl		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	GLgl		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MSav		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SIbe		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	APveVU		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MAma		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MT		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MTni		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	ARTI		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CER		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	RGta		4	u									late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: (370) 350-300 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CLcl	only 370-350 cm	3										late Paleolithic	*Pinus* dominant	370-350 cm probably Allerød, no true division in mammal fauna; 350-300 cm YD, might include Preboreal, but cannot be confirmed; *Discus ruderatus*	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SOar		3										Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SOmi		3										Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	TAeu		3										Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CHIR		3										Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	BAba		3										Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	HOsa	*Homo sapiens sapiens*	3										Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	LE		3										Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CYgl		3										Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	DI	*Dicrostonyx gulielmi*	3										Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MIagar		3										Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979

237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	Mini		3									Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	Mioe		3									Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	AM		3									Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	AMfl		3									Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CARN		3									Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CAlu		3									Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MTer		3									Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	RGta		3									Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	E9/E10: 455-370 cm	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	OBmo		3									Magdalenian	*Artemisia, Salix* dominant	Older Dryas, supported by snail fauna	no division into late Paleolithic and Magdalenian according to Gietz (2001)	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CRule	*Crocidura leucodon*	3	u	11180	60	Poz-20367	humerus of *Talpa* and 2 bone fragments	BDK12a	2				Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	NEfo		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SOar		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	SOmi		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	TAP		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CHIR		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	RH		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	ARte		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CYgl		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	Mlagar		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	Mloe		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	Mlsu		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	AMfl		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	GLgl		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	MSav		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	Slbe		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	Komplex 12a (Gewölleage) im Profil E10/E11	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	CEel		3	u										Boreal	Dating was meant to support boreal age, but yielded Allerød date!	Brunnacker et al. 1977; Koenigswald 1977; Koenigswald & Taute 1977, 1979
237	Burghöhle Dietfurt	layers 12 and 13/15	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x	HOsa	*Homo sapiens sapiens*	2		12210	60	KIA-3837	part of a human maxilla		1	12301±78 cal BC (B. Weniger)	paleolithic			no division into late Paleolithic and Magdalenian according to Gietz (2001)	Gietz 2001
237	Burghöhle Dietfurt	layers 12 and 13/15	48,0778	9,1394	610	South	D	BW	Swabian Alb	Dietfurt	Koenigswald & Taute 1977; transdat 10.15	x			2		12420	60	KIA-3838	part of a human occipital		1	12581±84 cal BC (B. Weniger)	paleolithic			no division into late Paleolithic and Magdalenian according to Gietz (2001)	Gietz 2001
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		EReu		5								7000-8500	Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		CRule		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		NEfo		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		SOar		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		SOmi		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		TAeu		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		Plpi		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		MYmy		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		VEmu	*Myotis murinus*	5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		NYno		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		HOsa	*Homo sapiens sapiens*	5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		SCvu		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		CSfi		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		CTct		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		ARte	*Arvicola antiquus*	5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		ARte		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		CYgl		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		Mlag		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		Mlagar		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		Mloe		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		AMsy		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		GLgl		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		MSav		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		CAlu		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		VUvu		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		URar		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		LUlu		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		MAma		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		MEme		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		FEsi		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		SUsc		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		CLcl		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		CEel		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1933	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		BOveBl		5									Mesolithic				Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		TAeu		5		7540	120	B-767		upper third	1	5590 BC	Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		CHIR		5		7820	120	B-768		middle third	1	5870 BC	Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		LEeu		5		7690	120	B-769		lower third	1	5740 BC	Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		SCvu		5									Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		CSfi		5									Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		ARte		5									Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		Ml		5									Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		AMfl		5									Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		VUvu		5									Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		MAma		5									Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		FEsi		5									Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		SUsc		5									Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		CLcl		5									Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	mesolithic layer exc. 1963/64	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database		CEel		5									Beuronian C to late Mesolithic		middle Boreal (Paleobotany)		Boessneck 1978b; Oeschger & Taute 1978
238	Falkensteinhöhle	burial	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Thiergarten	Eurofauna Database				5		8185	85	ETH-7615									Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		CEel		5		8720	120	B-935			1	6770 BC; 7500-9000 BP	Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		CLcl		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		SUsc		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		MAma		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		MTpu		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		LYly		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		FEsi		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		CSfi		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		SCvu		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		TAeu		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		AMfl		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		Mlag		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		Mlagar		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003

239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		GLgl		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		CYgl		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		VUvu		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	lower third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		LYly		5									Beuronian C			small mammals from upper and lower third!	Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		TAeu		5		7770	120	B-933				7000-8500			Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		HOsa	*Homo sapiens sapiens*	5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		CSfi		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		CYgl		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		MIag		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		MIagar		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		AMfl		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		GLgl		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		CAlu		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		MAma		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		MEme		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		MTpu		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		FEsi		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		SUsc		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		CLcl		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
239	Felsdach Inzigkofen	upper third of Mesolithic layer	48,0500	9,1300		South	D	BW	Kreis Sigmaringen	Inzigkofen	Eurofauna Database		CEel		5											Boreal or early Atlantic		Storch 1978a, Boessneck 1978c, Oeschger & Taute 1978, Taute 1978; Kind 2003
240	Henauhof	NW 2	48,0500	9,6333		South	D	BW		Moosburg	Vermeersch 2006		CSfi		5		7260	180	Beta 46907				6000-9000 BP					Jochim 1991; Vermeersch 2006
240	Henauhof	NW 2	48,0500	9,6333		South	D	BW		Moosburg	Vermeersch 2006		SUsc		5		6940	60	Beta 46909	charcoal								Jochim 1991; Vermeersch 2006
240	Henauhof	NW 2	48,0500	9,6333		South	D	BW		Moosburg	Vermeersch 2006		CLcl		5													Jochim 1991; Vermeersch 2006
240	Henauhof	NW 2	48,0500	9,6333		South	D	BW		Moosburg	Vermeersch 2006		CEel		5													Jochim 1991; Vermeersch 2006
240	Henauhof	NW 5	48,0500	9,6333		South	D	BW		Moosburg	Vermeersch 2006				4	u	10080	100	Beta-7939	charcoal				Mesolithic				Kind 2003
240	Henauhof	NW 5	48,0500	9,6333		South	D	BW		Moosburg	Vermeersch 2006				4	u	9830	200	Beta-9726					Mesolithic				Kind 2003
240	Henauhof	NW 5	48,0500	9,6333		South	D	BW		Moosburg	Vermeersch 2006				4	u	9770	120	Beta-7945					Mesolithic				Kind 2003
241	Schussenquelle	Magdalenian	48,0219	9,5272	585	South	D	BW	Kreid Biberach	Bad Schussenried	http://de.wikipedia.org/wiki/Schussentransdat 11.07		RGta		1		14470	385	GRN-468	peat		2		Magdalenian			selected finds; fauna resembles Petersfels; reindeer dominant element (Bratlund 1996); no MMpr or CDan	Hahn 1981; Bratlund 1996; Kind 2003; Gaudzinski & Street 2003
241	Schussenquelle	Magdalenian	48,0219	9,5272	585	South	D	BW	Kreid Biberach	Bad Schussenried	http://de.wikipedia.org/wiki/Schussentransdat 11.07		EQ		1		12630	120	ETH-6154	bone (*Salix* ?)		2		Magdalenian			selected finds; fauna resembles Petersfels; reindeer dominant element (Bratlund 1996); no MMpr or CDan	Hahn 1981; Bratlund 1996; Kind 2003; Gaudzinski & Street 2003
241	Schussenquelle	Magdalenian	48,0219	9,5272	585	South	D	BW	Kreid Biberach	Bad Schussenried	http://de.wikipedia.org/wiki/Schussentransdat 11.07		APveVU		1		12860	120	KN-4250	scapula (*Rangifer*)		1		Magdalenian			selected finds; fauna resembles Petersfels; reindeer dominant element (Bratlund 1996); no MMpr or CDan	Hahn 1981; Bratlund 1996; Kind 2003; Gaudzinski & Street 2003
241	Schussenquelle	Magdalenian	48,0219	9,5272	585	South	D	BW	Kreid Biberach	Bad Schussenried	http://de.wikipedia.org/wiki/Schussentransdat 11.07		ARTI		1		12510	130	ETH-6155	bone reindeer		2		Magdalenian			selected finds; fauna resembles Petersfels; reindeer dominant element (Bratlund 1996); no MMpr or CDan	Hahn 1981; Bratlund 1996; Kind 2003; Gaudzinski & Street 2003
241	Schussenquelle	Magdalenian	48,0219	9,5272	585	South	D	BW	Kreid Biberach	Bad Schussenried	http://de.wikipedia.org/wiki/Schussentransdat 11.07		CARN		1		13050	120	KN-4251	antler (*Rangifer*)		1		Magdalenian			selected finds; fauna resembles Petersfels; reindeer dominant element (Bratlund 1996); no MMpr or CDan	Hahn 1981; Bratlund 1996; Kind 2003; Gaudzinski & Street 2003
241	Schussenquelle	Magdalenian	48,0219	9,5272	585	South	D	BW	Kreid Biberach	Bad Schussenried	http://de.wikipedia.org/wiki/Schussentransdat 11.07				1		15900	360	H-860-970	peat		1		Magdalenian			selected finds; fauna resembles Petersfels; reindeer dominant element (Bratlund 1996); no MMpr or CDan	Hahn 1981; Bratlund 1996; Kind 2003; Gaudzinski & Street 2003
241	Schussenquelle	Magdalenian	48,0219	9,5272	585	South	D	BW	Kreid Biberach	Bad Schussenried	http://de.wikipedia.org/wiki/Schussentransdat 11.07		RGta		1		13090	110	GrN-2090	humus		2		Magdalenian			selected finds; fauna resembles Petersfels; reindeer dominant element (Bratlund 1996); no MMpr or CDan	Hahn 1981; Bratlund 1996; Kind 2003; Gaudzinski & Street 2003
242	Jägerhaus-Höhle	Kulturschicht 10	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CEel		5		8840	70	B-946			1	6890 BC	Upper Beuronian B				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 10	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CLcl		5									Upper Beuronian B				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 10	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SUsc		5									Upper Beuronian B				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 10	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		MEme		5									Upper Beuronian B				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 10	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		LUlu		5									Upper Beuronian B				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 10	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CSfi		5									Upper Beuronian B				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 10	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		RODE	*Apodemus* or *Arvicola*	5									Upper Beuronian B				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 11	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CEel		5		9950	100	B-947			1	8000 BC	Middle Beuronian B			date surely too old	Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 11	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CLcl		5									Middle Beuronian B			date surely too old	Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 11	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SUsc		5									Middle Beuronian B			date surely too old	Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 11	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CSfi		5									Middle Beuronian B			date surely too old	Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 11	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SCvu		5									Middle Beuronian B			date surely too old	Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 11	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		RODE	*Apodemus* or *Arvicola*	5									Middle Beuronian B			date surely too old	Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 13	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CEel		5		9600	100	B-948			1	7650 BC	Beuronien A				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 13	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SUsc		5		8610	120	B-949				6660 BC					Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 15	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database			no fauna	5		9870	120	B-950			1	7920 BC	Late Palaeolithic/ Earliest Mesolithic			date of upper third	Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 15	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database			no fauna	5		9700	120	B-952			1	7750 BC	Late Palaeolithic/ Earliest Mesolithic			date of all	Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Kind 2003
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		LE		5		7880	120	B-939				5930 BC				sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CSfi		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		ARte		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		AM		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		VUvu		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		LUlu		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		MAma		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		MEme		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		FEsi		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SUsc		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CLcl		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7a/b, 7a	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CEel		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7b	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CSfi		5		7880	120	B-939				5930 BC				sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7b	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		ARte	*Arvicola* sp.	5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7b	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		AM		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7b	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		MAma		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7b	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SUsc		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7b	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CLcl		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7b	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CEel		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7c	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		TAeu		5		7880	120	B-939				5930 BC				sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7c	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CSfi		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7c	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		ARte		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7c	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		AM		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7c	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		GLgl		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7c	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		VUvu		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7c	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		MAma		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7c	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		MEme		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7c	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		FEsi		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7c	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CLcl		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 7c	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CEel		5												sampling of dated material within layers 7a-c	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8d	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SCvu		5		8040	120	B-940				6090 BC					Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8d	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CSfi		5		8060	120	B-942				6110 BC					Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8d	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		ARte		5													Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8d	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		AM		5													Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8d	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		GLgl		5													Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8d	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		MAma		5													Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8d	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		MEme		5													Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8d	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		FEsi		5													Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8d	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SUsc		5													Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8d	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CLcl		5													Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8d	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CEel		5													Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8e	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CEel		5		8140	120	B-943			1	6190 BC	Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8e	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CLcl		5		8040	120	B-940				6090 BC	Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8e	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SUsc		5								7500-9000 BP	Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8e	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		MAma		5									Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8e	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		FEsi		5									Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)

242	Jägerhaus-Höhle	Kulturschicht 8e	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CSfi		5									Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8e	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		RODE	*Apodemus* or *Arvicola*	5									Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8e	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SCvu		5									Upper Beuronian C			species in addition to the ones mentioned by Boessneck 1980	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8e	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		VUvu		5									Upper Beuronian C			species in addition to the ones mentioned by Boessneck 1980	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8e	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		LUlu		5									Upper Beuronian C			species in addition to the ones mentioned by Boessneck 1980	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8e	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		MEme		5									Upper Beuronian C			species in addition to the ones mentioned by Boessneck 1980	Boessneck 1978a
242	Jägerhaus-Höhle	Kulturschicht 8f	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CEel		5		8300	70	B-944			1	6350 BC	Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8f	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CLcl		5		8040	120	B-940				6090 BC	Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8f	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SUsc		5									Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8f	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		MAma		5									Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8f	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		LUlu		5									Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8f	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		FEsi		5									Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8f	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CSfi		5									Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8f	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SCvu		5									Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 8f	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		RODE	*Apodemus* or *Arvicola*	5									Upper Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 9	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CEel		5									Lower Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 9	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CLcl		5									Lower Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 9	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		SUsc		5									Lower Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 9	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		CSfi		5									Lower Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
242	Jägerhaus-Höhle	Kulturschicht 9	48,0100	8,5700		South	D	BW	Tuttlingen	Fridingen	Eurofauna Database		RODE	*Apodemus* or *Arvicola* (in 8-9)	5									Lower Beuronian C				Oeschger & Taute 1978 (date); Taute 1972b, 1978 (archaeo); Boessneck 1978a (fauna)
243	Petersfels	P1, AH 2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		CAlu		3		11975	100	H-5209-4865	bone (*Equus*/*Rangifer*)		1	12004±120 cal BC	Magdalenian		end-Bølling/ Older Dryas	all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P1, AH 2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		APla		3		12120	100	H-7132-6984	bone (*Equus*/*Rangifer*)		1	12187±125 cal BC	Magdalenian		end-Bølling/ Older Dryas	all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P1, AH 2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		EQ		3									Magdalenian		end-Bølling/ Older Dryas	all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P1, AH 2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RGta		3									Magdalenian		end-Bølling/ Older Dryas	all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P1, AH 2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		LE		3									Magdalenian		end-Bølling/ Older Dryas	all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		HOsa	*Homo sapiens sapiens*	2		12160	95	H-5210-4866	bone (*Equus*/*Rangifer*)		1	12232±120 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		CAlu		2		12180	100	H-7139-7300	bone, forelimb (*Equus*)		1	12259±127 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		APla		2		12320	90	H-7136-6890	bone (*Rangifer tarandus*)		1	12440±121 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		GUgu		2		12470	100	H-7137-7067	bone, teeth (*Equus*)		1	12650±143 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		EQ		2		12500	120	H-7134-6876	bone (*Lepus* sp.)		1	12700±173 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		BOveBI	Bovini	2		12530	90	H-7140-7058	tibia (*Rangifer tarandus*)		1	12737±132 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RUru		2		12570	95	H-7215-7349	bone		1	12799±142 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		CPib		2		12580	130	H-7133-6877	ribs and vertebrae (*Rangifer tarandus*)		1	12817±194 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		CEel		2		12650	100	H-4277-3531			1	12919±154 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RGta		2		12660	100	H-7214-7350	bone (*Equus/Rangifer*)		1	12934±154 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		LE		2		12670	100	H-7135-6879	bone (*Rangifer tarandus*)		1	12950±155 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RODE		2		12670	90	H-7217-7346	bone (*Equus*/*Rangifer*)		1	12949±140 cal BC	Magdalenian		Bølling	S. Grimm lists this date by H-7217-7364; all dates with No. starting with H- are 82 years too young (s. Jaguttis-Emden 1983)!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		MIagar		2		12680	110	H-7147-6985	teeth or lower jaw (*Equus*)		1	12965±170 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		MIoe		2		12685	75	H-7138-7057	metatarsal (*Rangifer tarandus*)		1	12973±118 cal BC	Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		MIgr		2		12440	100	ETH-11518	human bone		2		Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		DI	*Dicrostonyx gulielmi*	2									Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		TAeu		2									Magdalenian		Bølling	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Vermeersch 2006
243	Petersfels	P1, AH 3/4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		MIagar		3	u												Storch 1983
243	Petersfels	P1, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		APla		1		12630	95	H-7144-7302	ribs (*Rangifer tarandus*)		1	12888±145 cal BC	Magdalenian		Oldest Dryas	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P1, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		VUvu		1		12700	100	H-7145-7303	metatarsal (*Rangifer tarandus*)		1	12995±156 cal BC	Magdalenian		Oldest Dryas	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P1, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		EQ		1		12940	125	H-5211-4891	bone (*Equus*/*Rangifer*)		1	13384±196 cal BC	Magdalenian		Oldest Dryas	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P1, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RGta		1		12980	90	H-7142-7348	bone (*Equus*)		1	13451±142 cal BC	Magdalenian		Oldest Dryas	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P1, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		MIagar		1		13030	100	H-7143-7301	bone (*Lepus* sp.)		1	13525±155 cal BC	Magdalenian		Oldest Dryas	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P1, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		MIoe		1		13110	90	H-7216-7363	bone (*Equus*/*Rangifer*)		1	13655±136 cal BC	Magdalenian		Oldest Dryas	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P1, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		MIgr		1									Magdalenian		Oldest Dryas	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P1, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		DI	*Dicrostonyx gulielmi*	1									Magdalenian		Oldest Dryas	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P1, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		ARte	*Arvicola antiquus*	1									Magdalenian		Oldest Dryas	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P1, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		TAeu		1									Magdalenian		Oldest Dryas	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P1, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		SOR		1									Magdalenian		Oldest Dryas	all dates with No. starting with H- are 82 years too young!; reindeer dominant element (Bratlund 1996)	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P3, AH 1/2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		EQ		3	u								Magdalenian				Albrecht et al. 1983
243	Petersfels	P3, AH 1/2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		SUsc		3	u								Magdalenian				Albrecht et al. 1983
243	Petersfels	P3, AH 1/2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RGta		3	u								Magdalenian				Albrecht et al. 1983
243	Petersfels	P3, AH 2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		APla		3		11700	90	H-4276-3535	bone		1	11688±102 cal BC	Magdalenian		end-Bølling/ Older Dryas	(aus Albrecht 1979 – tatsächlich H-4726-3535???); all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		EQ		3									Magdalenian		end-Bølling/ Older Dryas	(aus Albrecht 1979 – tatsächlich H-4726-3535???); all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RGta		3									Magdalenian		end-Bølling/ Older Dryas	(aus Albrecht 1979 – tatsächlich H-4726-3535???); all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		LE		3									Magdalenian		end-Bølling/ Older Dryas	(aus Albrecht 1979 – tatsächlich H-4726-3535???); all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RODE		3									Magdalenian		end-Bølling/ Older Dryas	(aus Albrecht 1979 – tatsächlich H-4726-3535???); all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 2/3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		CAlu		3		11300	85	H-4741-4145	vertebrae (*Equus*)		1	11258±86 cal BC	Magdalenian		end-Bølling/ Older Dryas (older Dryas according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 2/3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		APla		3		11700	100	H-6550-6779	limb bones (*Equus*/*Bos*)		1	11682±114 cal BC	Magdalenian		end-Bølling/ Older Dryas (older Dryas according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 2/3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		EQ		3									Magdalenian		end-Bølling/ Older Dryas (older Dryas according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 2/3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		BOV		3									Magdalenian		end-Bølling/ Older Dryas (older Dryas according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 2/3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RGta		3									Magdalenian		end-Bølling/ Older Dryas (older Dryas according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 2/3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		LE		3									Magdalenian		end-Bølling/ Older Dryas (older Dryas according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 2/3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		CYgl		3									Magdalenian		end-Bølling/ Older Dryas (older Dryas according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		APla		3		11700	90	H-4726-3535	bone		1	11688±102 cal BC	Magdalenian			all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Jaguttis-Emden 1983
243	Petersfels	P3, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		EQ		3									Magdalenian			all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Jaguttis-Emden 1983
243	Petersfels	P3, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RGta		3									Magdalenian			all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Jaguttis-Emden 1983
243	Petersfels	P3, AH 3	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		LE		3									Magdalenian			all dates with No. starting with H- are 82 years too young!	Albrecht et al. 1983; Jaguttis-Emden 1983
243	Petersfels	P3, AH 3/4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		EQ		3									Magdalenian				Albrecht et al. 1983
243	Petersfels	P3, AH 3/4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RGta		3									Magdalenian				Albrecht et al. 1983
243	Petersfels	P3, AH 3/4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		LE		3									Magdalenian				Albrecht et al. 1983
243	Petersfels	P3, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		APla		3		11890	130	H-4743-4137	bone/antler (*Rangifer tarandus*)		1	11901±153 cal BC	Magdalenian		end-Bølling/ Older Dryas (Bølling according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		VUvu		3									Magdalenian		end-Bølling/ Older Dryas (Bølling according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		MMpr	taxon uncertain	3									Magdalenian		end-Bølling/ Older Dryas (Bølling according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		EQ		3									Magdalenian		end-Bølling/ Older Dryas (Bølling according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RGta		3									Magdalenian		end-Bølling/ Older Dryas (Bølling according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		LE		3									Magdalenian		end-Bølling/ Older Dryas (Bølling according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RODE		3									Magdalenian		end-Bølling/ Older Dryas (Bølling according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		CYgl		3									Magdalenian		end-Bølling/ Older Dryas (Bølling according to Storch 1983)	all dates with No. starting with H- are 82 years too young!	Storch 1983; Albrecht et al. 1983; Jaguttis-Emden 1983; Street et al. 1994; Kind 2003
243	Petersfels	P3, AH 5	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		EQ		3	u								Magdalenian				Albrecht et al. 1983
243	Petersfels	P3, AH 5	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		RGta		3	u								Magdalenian				Albrecht et al. 1983
243	Petersfels	P3, AH 5	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		LE		3	u								Magdalenian				Albrecht et al. 1983
243	Petersfels	P6, AH 2	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04		TAeu	*Talpa europaea magna* (?)	2	u	12400	100	H-6651-6780	bone (*Equus*/*Rangifer*)		1	12554±138 cal BC	Magdalenian		end-Bølling/ Older Dryas	all dates with No. starting with H- are 82 years too young!	Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P6, AH 3/4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04				2	u	12230	240	H-6652-6783	bone (*Equus*/*Rangifer*)		1	12332±314 cal BC	Magdalenian		end-Bølling/ Older Dryas	all dates with No. starting with H- are 82 years too young!	Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P6, AH 3/4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04				2	u	12600	100	H-6653-6786	bone (*Equus/Rangifer*)		1	12848±151 cal BC	Magdalenian		end-Bølling/ Older Dryas	all dates with No. starting with H- are 82 years too young!	Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P6, AH 4	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04				2	u	12100	280	H-6654-6787	bone (*Equus*/*Rangifer*)		1	12179±353 cal BC	Magdalenian		end-Bølling/ Older Dryas	all dates with No. starting with H- are 82 years too young!	Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P6, AH 5	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04				2	u	12400	95	KN-2884	bone		1	12557±131 cal BC	Magdalenian		end-Bølling/ Older Dryas	same sample as H-6655-6788; all dates with No. starting with H- are 82 years too young!	Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P6, AH 5	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04				2	u	12500	220	H-6655-6788	bone		1	12713±316 cal BC	Magdalenian		end-Bølling/ Older Dryas	same sample as KN-2884; all dates with No. starting with H- are 82 years too young!	Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P6, AH 6	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04				2	u	12400	100	KN-2883	bone		1	12554±138 cal BC	Magdalenian		end-Bølling/ Older Dryas	same sample as H-6656-6793; all dates with No. starting with H- are 82 years too young!	Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels	P6, AH 6	47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04				2	u	12900	90	H-6656-6793	bone		1	13316±144 cal BC	Magdalenian		end-Bølling/ Older Dryas	same sample as KN-2883; all dates with No. starting with H- are 82 years too young!	Jaguttis-Emden 1983; Street et al. 1994
243	Petersfels		47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04				2	u	12650	100	H-4277-3531	bone		1					all dates with No. starting with H- are 82 years too young!	S. Grimm pers. comm.
243	Petersfels		47,8556	8,8064	530	South	D	BW	Engen	Singen	transdat 11.04				2	u	12545	50	OxA-13669	bone		2					all dates with No. starting with H- are 82 years too young!	S. Grimm pers. comm.
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CAlu		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		VUvu		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		URar		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		FEsi		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MAma		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MEme		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		TAeu		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CTct		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		ARte	*Arvicola amphibius*	5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		LEeu		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CSfi		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		SCvu		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		RGta	introduced?	5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CAP	goat	5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CEel		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CLcl		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896

244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		OVar		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		BOpr		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		BOta		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	2 = grey cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		SUsc		5										wood (Nüesch 1896)		RGta might be introduced as in Rottenburg	Nüesch 1896
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CRrule	*Crocidura* sp.	4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		SOar		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		TAeu		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		OCpu		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		LEti		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		SCvu		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		ARte		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MIoe		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		GLgl		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		EMqu		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MAma		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MTer		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MTni		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		SUsc		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	3 = upper rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		RGta		4	u										YD ?	also Bølling/Older Dryas considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CRrule	*Crocidura* sp.	3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		SOar		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		TAeu		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		OCpu		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		LEti		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		SCvu		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CSfi		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CTct		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		ARte		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MIar		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		APla		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CAlu		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		VUvu		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		URar		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		GUgu		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MAma		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MTer		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MTni		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		FEsi		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		EQ	*Equus caballus*	3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		SUsc		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CLcl		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CEel		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		RGta		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CPib		3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	4 = yellow cultural layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		OVar	*Ovis* sp.	3	u								Magdalenian	steppe assumed (Nüesch 1896)	Bølling or Older Dryas	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CRrule	*Crocidura* sp.	1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		SO		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		SOar		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		SOmi		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		TAeu		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		OCpu		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		LEti		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CT		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CTct		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		ARte		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CYgl		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		DI	*Dicrostonyx torquatus*	1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MIar		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MIgr		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MIoe		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		APla		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CAlu		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		VUvu		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		URar		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		GUgu		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MTer		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		MTni		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		LYly		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		EQ	*Equus caballus*	1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		CDan		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		RGta		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild	5 = lowe rodent layer	47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006		BIpr		1	u								Magdalenian	tundra vegetation assumed (Nüesch 1896)	Bølling or Older Dryas; Environment interpreted as momnotonous (Nüesch 1896)	also Pleniglacial considered in EUQUAM	Koken 1912; Nüesch 1896;EUQUAM
244	Schweizersbild		47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006				3		11780	90	OxA-	cutmarked bone (?reindeer radius/ulna)		2		Magdalenian //abri grotte				Vermeersch 2006
244	Schweizersbild		47,7500	8,6333		South	CH			Schaffhausen	Vermeersch 2006				1		13940	100	OxA-5745	worked and polished long bone fragment		2		Magdalenian //abri grotte				Vermeersch 2006
245	Kesslerloch	III	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA				1		7680	430	B-3741	antler, human cut		1		Magdalenian				Vermeersch 2006
245	Kesslerloch	III	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA				1		12970	180	B-3329			1		Magdalenian				Vermeersch 2006
245	Kesslerloch	III	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA				1		12890	90	Hv-10652			1		Magdalenian				Vermeersch 2006
245	Kesslerloch	III	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA				1		13120	90	OxA-5746	bevelled base antler point	15593	2		Magdalenian				Vermeersch 2006
245	Kesslerloch	level II Bc	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		RGta		1		13430	100	OxA-5747	worked shed reindeer antler	15309.H	2		Magdalenian				Vermeersch 2006
245	Kesslerloch	level III Bc	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		RGta		1		14150	100	OxA-5749	worked shed reindeer antler	15018.H	2		Magdalenian				Vermeersch 2006
245	Kesslerloch	level III Bc	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA				1		13670	100	OxA-5750	worked shed reindeer anler	15825	2		Magdalenian				Vermeersch 2006
245	Kesslerloch	level III Bc	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA				1		12770	90	OxA-5748	groved bone	15222	2		Magdalenian				Vermeersch 2006
245	Kesslerloch	layer B2	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		RGta	taxon uncertain	4		7680	430	B-3741	antler		1					date too young	Schibler & Stampfli 1988 (fauna); Riesen & Sedlmeier 1988 (dates); Vermeersch 2006
245	Kesslerloch	layer B2	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		LE		4												date too young	Schibler & Stampfli 1988 (fauna); Riesen & Sedlmeier 1988 (dates); Vermeersch 2006
245	Kesslerloch	layer B2	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA				4		10480	110	B-3884	peat		1					no fauna	Schibler & Stampfli 1988 (fauna); Riesen & Sedlmeier 1988 (dates); Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		LE		2	u							12500-20000 BP	Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		LEti		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		MRmr	*Marmota* sp.	2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		SP	*Spermophilus superciliosus*	2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		CSfi		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		APla		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		CAlu		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		VUvu		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		URar		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		GUgu		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		LYly		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		MMpr		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		EQ	*Equus caballus*	2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		CDan		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		CLcl		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		CEel		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		RGta		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		BOveBI		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		CPib		2	u								Magdalenian		Oldest Dryas		Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006

245	Kesslerloch	yellow cultural layer	47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		OBmo		2	u								Magdalenian		Oldest Dryas			Schibler & Stampfli 1988; EUQUAM; Vermeersch 2006
245	Kesslerloch		47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA		MMpr		1		13980	110	OxA-10237	rib (*Mammuthus*)		2						same as from yellow cultural layer???	Stuart et al. 2002; Vermeersch 2006
245	Kesslerloch		47,7450	8,6933	445	South	CH	Schaffhausen		Thayngen	Google Earth 4 BETA	none			5		9290	90	B-3838	peat		1							Riesen & Sedlmeier 1988 (dates); Vermeersch 2006
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		EReu		0								1000-20000 BP						Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		NEfo		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		SOar		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		SOmi		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		TAeu		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		RHhi		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		MY		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		MYmc		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		NYno		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		NYla		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		BAba		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		OCpu		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		LEti		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		MRmr	*Marmota* sp.	0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		SP	*Spermophilus supercilliosus*	0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		CTct		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		ARte		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		CYgl		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		DI		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		Mlar		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		Mini		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		Mloe		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		AMsy		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		GLgl		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		EMqu		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		MSav		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		SIbe		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		VUvu		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		MA		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		MEme		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		MTer		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		MTni		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		MTpu		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		FEsi		0														Sarasin & Stehlin 1924
246	Ettingen	cultural layer	47,7167	7,6000	360	South	CH	Basel	Baselland	Ettingen	www.fallingrain.com/world/		LYly		0														Sarasin & Stehlin 1924
247	Eremitage	Freilandstation	47,5667	7,8000	294	South	CH			Rheinfelden	www.fallingrain.com/world/		EQ	*Equus ferus*	2	u	12520	70	B-4262	bone (*Rangifer*)		1		late late Paleolithic; Magdalenian			selected finds	Vermeersch 2006
247	Eremitage	Freilandstation	47,5667	7,8000	294	South	CH			Rheinfelden	www.fallingrain.com/world/		RGta		2	u	11600	120	B-4183	bone (*Equus*)		1		late late Paleolithic; Magdalenian			selected finds	Vermeersch 2006
247	Eremitage	Freilandstation	47,5667	7,8000	294	South	CH			Rheinfelden	www.fallingrain.com/world/				2	u	11950	50	B-4184	bone (*Equus*)		1		late late Paleolithic; Magdalenian			selected finds	Vermeersch 2006
247	Eremitage	Freilandstation	47,5667	7,8000	294	South	CH			Rheinfelden	www.fallingrain.com/world/				2	u	9230	70		reindeer antler				late late Paleolithic; Magdalenian			selected finds	Vermeersch 2006
248	Grotte du Bichon	1	47,4667	7,7500		South	CH		La Chaux de Fondes	La Rasse	Vermeersch 2006		HOsa	*Homo sapiens sapiens*	3		10950	180	ETH-4245	charcoal		2	10950-11760 BP	Final Palaeolithic		Belling or Older Dryas		Morel 1993; Street et al. 2006a; Vermeersch 2006
248	Grotte du Bichon	1	47,4667	7,7500		South	CH		La Chaux de Fondes	La Rasse	Vermeersch 2006		URar		3		11360	120	ETH-8775	bone (*Ursus arctos*)		2		Final Palaeolithic		Belling or Older Dryas		Morel 1993; Street et al. 2006a; Vermeersch 2006
248	Grotte du Bichon	1	47,4667	7,7500		South	CH		La Chaux de Fondes	La Rasse	Vermeersch 2006				3		11610	110	ETH-8774	human bone		2		Final Palaeolithic		Belling or Older Dryas		Morel 1993; Street et al. 2006a; Vermeersch 2006
248	Grotte du Bichon	1	47,4667	7,7500		South	CH		La Chaux de Fondes	La Rasse	Vermeersch 2006				3		11680	120	ETH-8301	bone (*Ursus arctos*)		2		Final Palaeolithic		Belling or Older Dryas		Morel 1993; Street et al. 2006a; Vermeersch 2006
248	Grotte du Bichon	1	47,4667	7,7500		South	CH		La Chaux de Fondes	La Rasse	Vermeersch 2006				3		11760	110	ETH-8773	human bone		2		Final Palaeolithic		Belling or Older Dryas		Morel 1993; Street et al. 2006a; Vermeersch 2006
249	Mannlefelsen	Q	47,4500	7,2333		South	F	Haut-Rhin, Alsace-Lorraine		Oberlarg	Vermeersch 2006		SUsc		5											Preboreal		selected find horizon	Bridault 1998; Vermeersch 2006
249	Mannlefelsen	Q	47,4500	7,2333		South	F	Haut-Rhin, Alsace-Lorraine		Oberlarg	Vermeersch 2006		CEel		5											Preboreal		selected find horizon	Bridault 1998; Vermeersch 2006
249	Mannlefelsen	Q	47,4500	7,2333		South	F	Haut-Rhin, Alsace-Lorraine		Oberlarg	Vermeersch 2006		CLcl		5											Preboreal		selected find horizon	Bridault 1998; Vermeersch 2006
249	Mannlefelsen	S	47,4500	7,2333		South	F	Haut-Rhin, Alsace-Lorraine		Oberlarg	Vermeersch 2006		CEel		3	u	10560	200	Lv-1036	bone	from layer O2-O3	1		Azilien		Allerød		selected find horizon	Bridault 1998; David 1996; Vermeersch 2006
249	Mannlefelsen	S	47,4500	7,2333		South	F	Haut-Rhin, Alsace-Lorraine		Oberlarg	Vermeersch 2006		BOpr		3	u	11080	100	Lv-1090	charcoal		1		Azilien		Allerød		selected find horizon	Bridault 1998; David 1996; Vermeersch 2006
249	Mannlefelsen	S	47,4500	7,2333		South	F	Haut-Rhin, Alsace-Lorraine		Oberlarg	Vermeersch 2006		CLcl		3	u	11760	120	Lv-1144	charcoal not treated with NaOH		1		Azilien		Allerød		selected find horizon	Bridault 1998; David 1996; Vermeersch 2006
249	Mannlefelsen	S	47,4500	7,2333		South	F	Haut-Rhin, Alsace-Lorraine		Oberlarg	Vermeersch 2006		SUsc		3	u								Azilien		Allerød		selected find horizon	Bridault 1998; David 1996; Vermeersch 2006
250	Rochedane	A 2, 3, 4	47,3500	6,7667	355	South	F	Doubs	northern Jura	25 km S of Montbeliard	see references; transdat 11.04	x	CAlu		5		9210	120	Gif-2530	bone (Cervus)		1				Preboreal		selected find horizon; whole range of environments (periarctic-temperate terrestrial) seen in sequence of Rochedane	Drucker et al. 2003; Bridault 1998
250	Rochedane	A 2, 3, 4	47,3500	6,7667	355	South	F	Doubs	northern Jura	25 km S of Montbeliard	see references; transdat 11.04	x	ALal		5											Preboreal		selected find horizon; whole range of environments (periarctic-temperate terrestrial) seen in sequence of Rochedane	Drucker et al. 2003; Bridault 1998
250	Rochedane	A 2, 3, 4	47,3500	6,7667	355	South	F	Doubs	northern Jura	25 km S of Montbeliard	see references; transdat 11.04	x	CLcl		5											Preboreal		selected find horizon; whole range of environments (periarctic-temperate terrestrial) seen in sequence of Rochedane	Drucker et al. 2003; Bridault 1998
250	Rochedane	A 2, 3, 4	47,3500	6,7667	355	South	F	Doubs	northern Jura	25 km S of Montbeliard	see references; transdat 11.04	x	BOpr		5											Preboreal		selected find horizon; whole range of environments (periarctic-temperate terrestrial) seen in sequence of Rochedane	Drucker et al. 2003; Bridault 1998
250	Rochedane	A 2, 3, 4	47,3500	6,7667	355	South	F	Doubs	northern Jura	25 km S of Montbeliard	see references; transdat 11.04	x	SUsc		5											Preboreal		selected find horizon; whole range of environments (periarctic-temperate terrestrial) seen in sequence of Rochedane	Drucker et al. 2003; Bridault 1998
250	Rochedane	A 2, 3, 4	47,3500	6,7667	355	South	F	Doubs	northern Jura	25 km S of Montbeliard	see references; transdat 11.04	x	CEel		5											Preboreal		selected find horizon; whole range of environments (periarctic-temperate terrestrial) seen in sequence of Rochedane	Drucker et al. 2003; Bridault 1998
250	Rochedane	Azilian B, C'1, D1	47,3500	6,7667	355	South	F	Doubs	northern Jura	25 km S of Montbeliard	see references; transdat 11.04	x	CEel		3		10730	190	Ly-1194	bone (*Cervus*)		1		Azilian		Allerød		selected find horizon; whole range of environments (periarctic-temperate terrestrial) seen in sequence of Rochedane	Drucker et al. 2003; Bridault 1998
250	Rochedane	Azilian B, C'1, D1	47,3500	6,7667	355	South	F	Doubs	northern Jura	25 km S of Montbeliard	see references; transdat 11.04	x	SUsc		3		11090	200	Ly-1192	bone (*Cervus*)	C'1	1		Azilian		Allerød		selected find horizon; whole range of environments (periarctic-temperate terrestrial) seen in sequence of Rochedane	Drucker et al. 2003; Bridault 1998
250	Rochedane	Azilian B, C'1, D1	47,3500	6,7667	355	South	F	Doubs	northern Jura	25 km S of Montbeliard	see references; transdat 11.04	x	CLcl		3		11060	470	Ly-1193	bone (*Cervus*)	D1	1		Azilian		Allerød		selected find horizon; whole range of environments (periarctic-temperate terrestrial) seen in sequence of Rochedane	Drucker et al. 2003; Bridault 1998
250	Rochedane	Azilian B, C'1, D1	47,3500	6,7667	355	South	F	Doubs	northern Jura	25 km S of Montbeliard	see references; transdat 11.04	x	BOpr		3									Azilian		Allerød		selected find horizon; whole range of environments (periarctic-temperate terrestrial) seen in sequence of Rochedane	Drucker et al. 2003; Bridault 1998
250	Rochedane	D1, c, D2?	47,3500	6,7667	355	South	F	Doubs	northern Jura	25 km S of Montbeliard	see references; transdat 11.04	x	RGta		2	u	12420	75	OxA-8030	reindeer bone		2		Azilian or Magdalenian				selected find horizon; whole range of environments (periarctic-temperate terrestrial) seen in sequence of Rochedane	Drucker et al. 2003; Bridault 1998
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	TAeu		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	LEti		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	MRmr		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	SP	*Spermophilus supercilliosus*	0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	SCvu		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CTct		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	ARte		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CYgl		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	Mlagar		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	Mini		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	Mloe		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	AMfl		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	GLgl		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	APla		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	URar		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	GUgu		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	MA		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	MAma		0										no reliable assignment	warm elements intermixed			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983

251	Rislisberghöhle	I	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	MEme		0										no reliable assignment	warm elements intermixed		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	MTer		0										no reliable assignment	warm elements intermixed		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	MTni		0										no reliable assignment	warm elements intermixed		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	FEL	*Felis*	0										no reliable assignment	warm elements intermixed		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	EQ	cf. *caballus*	0										no reliable assignment	warm elements intermixed		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CER		0										no reliable assignment	warm elements intermixed		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CEel		0										no reliable assignment	warm elements intermixed		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	RGta		0										no reliable assignment	warm elements intermixed		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CPib		0										no reliable assignment	warm elements intermixed		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I-II (transition)	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	TAeu		0													Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I-II (transition)	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CTct		0													Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I-II (transition)	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	ARte		0													Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I-II (transition)	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CYgl		0													Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	I-II (transition)	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	Miagar		0													Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	SOar		3	11860	230	Ly-1099	bone		1		Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	TAeu		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	OCpu		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	LEti		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	MRmr		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CTct		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	ARte		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CYgl		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	DI	*Dicrostonyx guilelmi*	3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	Miagar		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	Mini		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	Mioe		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	AMfl		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	APla		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CAlu		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	URar		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	GUgu		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	MEme		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	MTer		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	MT		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	EQ	*Equus caballus*	3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	SUsc	*Sus* sp., intermixed	3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CER		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CEel		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	RGta		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	BOveBl		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	II	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CPib		3								Magdalenian	before postglacial reforestation, oldest Dryas (Ia)	older Dryas (Ic) due to date		Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	TAeu		0									probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	LEti		0									probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	MRmr		0									probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CTct		0									probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	DI	*Dicrostonyx guilelmi*	0									probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	Miagar		0									probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	Mini		0									probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	Mioe		0									probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	APla		0									probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	URar		0									probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47.2833	7.7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CER		0									probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983

251	Rislisberghöhle	III	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CEel		0										probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	RGta		0										probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
251	Rislisberghöhle	III	47,2833	7,7333	488	South	CH	Kanton Solothurn		Oensingen	Wegmüller 1983; Vermeersch 2006	x	CPib		0										probably early Würmian interstadial			Koenigswald 1983; Stampfli 1983a, b; Wegmüller 1983
252	Cabones		47,1500	5,7000		South	F	Franche Comte		Ranchot	Vermeersch 2006		CPib		3	u	11860	230	Ly-1099	rock drawing bouquetin		1		Final Magdalenian			selected find	Vermeersch 2006
253	Champréveyres	Magdalenian	47,0100	6,5800		South	CH	Neuchatel		Hauterive	Eurofauna Database		EQ	*Equus ferus*	1	u	13050	160	UZ-2285		N16	2	around 13000 BP	Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant; dates secteur I (after INQUA, s.a.)	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
253	Champréveyres	Magdalenian	47,0100	6,5800		South	CH	Neuchatel		Hauterive	Eurofauna Database		RGta		1	u	12830	160	UZ-2282		D11	2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant; dates secteur I (after INQUA, s.a.)	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
253	Champréveyres	Magdalenian	47,0100	6,5800		South	CH	Neuchatel		Hauterive	Eurofauna Database		BO		1	u	12870	140	UZ-2286		X10	2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant; dates secteur I (after INQUA, s.a.)	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
253	Champréveyres	Magdalenian	47,0100	6,5800		South	CH	Neuchatel		Hauterive	Eurofauna Database		CPib		1	u	12950	110	UZ-2283		A12	2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant; dates secteur I (after INQUA, s.a.)	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
253	Champréveyres	Magdalenian	47,0100	6,5800		South	CH	Neuchatel		Hauterive	Eurofauna Database		LEti		1	u	12500	150	UZ-2287		O39	2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant; dates secteur I (after INQUA, s.a.)	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
253	Champréveyres	Magdalenian	47,0100	6,5800		South	CH	Neuchatel		Hauterive	Eurofauna Database		MRmr		1	u	12620	150	UZ-2172			2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant; dates secteur I (after INQUA, s.a.)	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
253	Champréveyres	Magdalenian	47,0100	6,5800		South	CH	Neuchatel		Hauterive	Eurofauna Database		APla		1	u	12540	140	UZ-2173		E21	2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant; dates secteur I (after INQUA, s.a.)	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
253	Champréveyres	Magdalenian	47,0100	6,5800		South	CH	Neuchatel		Hauterive	Eurofauna Database		SP	*Citellus susilicus*	1	u	12730	140	UZ-2171		M17	2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant; dates secteur I (after INQUA, s.a.)	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
253	Champréveyres	Magdalenian	47,0100	6,5800		South	CH	Neuchatel		Hauterive	Eurofauna Database				1	u	12510	130	UZ-2174		K12	2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant; dates secteur I (after INQUA, s.a.)	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
253	Champréveyres	Magdalenian	47,0100	6,5800		South	CH	Neuchatel		Hauterive	Eurofauna Database				1	u	12630	130	UZ-2175		L13	2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant; dates secteur I (after INQUA, s.a.)	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
253	Champréveyres	Magdalenian	47,0100	6,5800		South	CH	Neuchatel		Hauterive	Eurofauna Database				1	u	12600	150	UZ-2177		I16	2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant; dates secteur I (after INQUA, s.a.)	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
254	Bärenfalle Silbern		47,0000	8,8500	2070	South	CH	Canton Schwyz			Döppes & Pacher 2005;Google Earth 4 BETA		URar		5		7845	70	GIZ	*Ursus arctos*		2						Döppes & Pacher 2005
255	Höhle 92/2		47,0000	8,8500	1455	South	CH	Canton Schwyz			Döppes & Pacher 2005; Google Earth 4 BETA	x	URar		5		9700	80	ETH-12785	2 long bone fragments (*Ursus arctos*)		2						Döppes & Pacher 2005
256	Milchbaimhöhle		47,0000	8,8500	1622	South	CH	Canton Schwyz			Döppes & Pacher 2005; Google Earth 4 BETA		URar		5		9690	75	GIZ	rib (*Ursus arctos*)		2						Döppes & Pacher 2005
257	Monruz		47,0000	6,9667	428	South	CH	Neuchatel		Neuchâtel	www.fallingrain.com/world/		EQ	*Equus ferus*	1		1330	100	ETH-6413			2	around 13000 BP	Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
257	Monruz		47,0000	6,9667	428	South	CH	Neuchatel		Neuchâtel	www.fallingrain.com/world/		RGta		1		12640	120	ETH-6414			2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
257	Monruz		47,0000	6,9667	428	South	CH	Neuchatel		Neuchâtel	www.fallingrain.com/world/		BO		1		12680	120	ETH-6419			2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
257	Monruz		47,0000	6,9667	428	South	CH	Neuchatel		Neuchâtel	www.fallingrain.com/world/		CPib		1		12900	120	ETH-6415			2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
257	Monruz		47,0000	6,9667	428	South	CH	Neuchatel		Neuchâtel	www.fallingrain.com/world/		LEti		1		12970	110	ETH-6412			2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
257	Monruz		47,0000	6,9667	428	South	CH	Neuchatel		Neuchâtel	www.fallingrain.com/world/		MRmr		1		13030	120	ETH-6417			2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
257	Monruz		47,0000	6,9667	428	South	CH	Neuchatel		Neuchâtel	www.fallingrain.com/world/		APla		1		13070	130	ETH6416			2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
257	Monruz		47,0000	6,9667	428	South	CH	Neuchatel		Neuchâtel	www.fallingrain.com/world/		SP	*Citellus susilicus*	1		13110	120	ETH-6418			2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
257	Monruz		47,0000	6,9667	428	South	CH	Neuchatel		Neuchâtel	www.fallingrain.com/world/				1		13120	120	ETH-6420			2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
257	Monruz		47,0000	6,9667	428	South	CH	Neuchatel		Neuchâtel	www.fallingrain.com/world/				1		13140	120	ETH-6421			2		Magdalenian	99% *Salix* ; 1% *Betula nana*	mean temperatures: 9°C in July, -25°C in January	mammoth no longer; horse dominant	Street & Baales 1999 , Bignon & Eisenmann 2006; Bullinger et al. 2005; Vermeersch 2006
258	Praz Rodet		46,9500	7,1000	428	South	CH	Kanton Aargau		Praz	www.fallingrain.com/world/		MMpr		2		12270	210	Ly-877	tusk (*Mammuthus*)		1					selected find; youngest mammoth from Central Europe	Stuart et al. 2002
259	Schnurenloch	7a [-2-3m]	46,6750	7,4420		South	CH	Bern		Oberwil	Vermeersch 2006		URsp		1		14000	600	B-157	cave bear bone		1		?EarlyAcheulean			selected find	Vermeersch 2006
260	Mollendruz-abri Freymond	5 inf	46,6333	6,4167	641	South	CH			Mont la Ville	www.fallingrain.com/world/				2	u	12020	120	ETH-5601	bone fragments		2					selected find	Vermeersch 2006
260	Mollendruz-abri Freymond	5 inf	46,6333	6,4167	641	South	CH			Mont la Ville	www.fallingrain.com/world/				2	u	11760	145	ETH-5600	bone fragments		2					selected find	Vermeersch 2006
260	Mollendruz-abri Freymond	5 inf	46,6333	6,4167	641	South	CH			Mont la Ville	www.fallingrain.com/world/		RGta		2	u	12780	80	OxA-9460	reindeer bone		2					selected find	Vermeersch 2006
261	Source-du-Chatelard		46,4000	6,9333	666	South	CH			Villeneuve	www.fallingrain.com/world/		RGta		1		12695	70	OxA-9458	reindeer bone		2					selected find	Vermeersch 2006
262	Abri Taillefer	VEYRIER 652/73	46,1833	6,2333		South	F	Haute-Savoie		Etrembieres	Vermeersch 2006		RGta		1		12590	60	Ly-637	bone		1					selected find	Vermeersch 2006
263	Veyrier		46,1833	6,2000	399	South	CH				www.fallingrain.com/world/		EQ		2		12560	60	GrA-9703			2	15550-14250 cal BC				selected find	Bignon & Eisenmann 2006
263	Veyrier		46,1833	6,2000	399	South	CH				www.fallingrain.com/world/				2		12300	130	Eth-3937			2	15450-14050 cal BC				selected find	Bignon & Eisenmann 2006
263	Veyrier		46,1833	6,2000	399	South	CH				www.fallingrain.com/world/				2		12310	140	B-3787			1	15450-14050 cal BC				selected find	Bignon & Eisenmann 2006
264	La Colombière		46,0833	5,3667		South	F	Ain		Neuville-sur-Ain	Vermeersch 2006		RGta		1		14700	300	Ly-?	charcoal	D-hearth	1		Magdalenian			engravings on mammoth bones	Vermeersch 2006
264	La Colombière		46,0833	5,3667		South	F	Ain		Neuville-sur-Ain	Vermeersch 2006		MMpr		1		15500	700	Ly-?	charcoal	D-hearth	1		Magdalenian			engravings on mammoth bones	Vermeersch 2006
264	La Colombière		46,0833	5,3667		South	F	Ain		Neuville-sur-Ain	Vermeersch 2006				1		14150	450	Ly-177	charcoal	D-hearth	1		Magdalenian			engravings on mammoth bones	Vermeersch 2006
264	La Colombière		46,0833	5,3667		South	F	Ain		Neuville-sur-Ain	Vermeersch 2006				1		11750	600	W-150	charcoal	D-hearth	1		Magdalenian			engravings on mammoth bones	Vermeersch 2006
264	La Colombière		46,0833	5,3667		South	F	Ain		Neuville-sur-Ain	Vermeersch 2006				1		14390	700	Ly-9713		D-hearth	1		Magdalenian			engravings on mammoth bones	Vermeersch 2006
264	La Colombière		46,0833	5,3667		South	F	Ain		Neuville-sur-Ain	Vermeersch 2006				1		14390	70	GrA-9713	reindeer bone	E 7-6	2		Magdalenian			engravings on mammoth bones	Vermeersch 2006
264	La Colombière		46,0833	5,3667		South	F	Ain		Neuville-sur-Ain	Vermeersch 2006				1		13390	300	Ly-433	bone	D-hearth	1		Magdalenian			engravings on mammoth bones	Vermeersch 2006
265	Gay	G18	46,0600	5,4000		South	F	Ain		Poncin	Vermeersch 2006		RGta		1		12980	70	GrA-9720	reindeer bone		2					selected find	Vermeersch 2006
265	Gay	M13	46,0600	5,4000		South	F	Ain		Poncin	Vermeersch 2006		RGta		2	u	12160	60	GrA-9705	reindeer bone		2		Azilian			selected find	Vermeersch 2006
266	La Fru		45,7000	5,6000		South	F	Savoie			figure in Sommer et al. 2008a		EQ		2		12600	120	OxA-4408	bone (*Equus* sp.)	7075	2					selected find	Hedges et al. 1997b
266	La Fru		45,7000	5,6000		South	F	Savoie			figure in Sommer et al. 2008a		CEel		2		12110	110	OxA-5264 (Lyon 286)	*Cervus elaphus*		2		Final Magdalenian/Azilien ancien			selected find	Sommer et al. 2008a; Hedges et al. 1997b
267	Schlüssellochhöhle		47,8500	12,3000	1300	South	D	BAY			figure in Döppes & Pacher 2005		URar		4		10055	33	Hd-16885-16378	rib (*Ursus arctos*)		1						Rosendahl & Darga 2002; Döppes & Pacher 2005
268	Neue Laubenstein-Bärenhöhle	Kriechgang	47,8000	12,2833	1300	South	D	BAY	Oberbayern	Frasdorf	Döppes 2005; http://de.wikipedia.org/wiki/Frasdorf; transdat 11.07		URar		3		11872	92	GRA-13379	tibia (*Ursus arctos*)		2						Döppes & Pacher 2005
268	Neue Laubenstein-Bärenhöhle		47,8000	12,2833	1300	South	D	BAY	Oberbayern	Frasdorf	Döppes 2005; http://de.wikipedia.org/wiki/Frasdorf; transdat 11.07		CPib		3		11350	50	GrA-13377	atlas (*Capra ibex*)	LAUB 2	2				Allerød	selected finds; longer faunal list including more taxa comprises time span down to >50000 BP	Rosendahl & Darga 2002
268	Neue Laubenstein-Bärenhöhle		47,8000	12,2833	1300	South	D	BAY	Oberbayern	Frasdorf	Döppes 2005; http://de.wikipedia.org/wiki/Frasdorf; transdat 11.07		URar		4		10140	50	GrA-13379	tibia (*Ursus arctos*)	LAUB 105	2				YD	selected finds; longer faunal list including more taxa comprises time span down to >50000 BP	Rosendahl & Darga 2002
269	Grotta d'Ernesto		46,0200	11,6300	1130	South	I	Trento		Grigno	Döppes & Pacher 2005; www.fallingrain.com/world/	x	URar		3		11900	200	Gd-6182	ulna (*Ursus arctos*)		1					selected find	Döppes & Pacher 2005
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	NEan		0		14000	500	VRI-1255	bone (Rodentia)	KS 1990; from 140-170 cm	1	10-14 ka	late Palaeolithic			date unreliable according to Verpoorte A. 2004. Antiquity 300: 257-267.	Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	SOma		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	SOal		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	SOco		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	SOmi		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	TAeu		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	MRmr		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	CTct		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	ARte		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	CYgl		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlag		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlar		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlni		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlsu		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mloe		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	AMsy		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	LEti		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	CAlu	taxon uncertain	0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47,6822	14,2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	VUvu		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b

270	Gamssulzenhöhle	late Glacial layer, general	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	URar		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	MAma		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	MTer		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	CER		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	ALal		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	CPib		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	late Glacial layer, general	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	RUru		0									late Palaeolithic				Rabeder & Weichenberger 1995; Frank et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	Cave bear stratum	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	URar	taxon uncertain	3	u	10800	300 and 2500	VRI-GSI	bone (*Ursus arctos* ?)		1	10800 +800/-2500 (US method)					Döppes & Pacher 2005; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	120 - 150 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	CTct		3	u			ETH-11569	bone (*Cricetus*)	GS 437, 130 cm	2	10792-11087 BP	late Palaeolithic		cooler than 150 - 170 cm, but still single trees (Gastropods)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	120 - 150 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlar		3	u								late Palaeolithic		cooler than 150 - 170 cm, but still single trees (Gastropods)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	120 - 150 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlag		3	u								late Palaeolithic		cooler than 150 - 170 cm, but still single trees (Gastropods)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	120 - 150 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Misu		3	u								late Palaeolithic		cooler than 150 - 170 cm, but still single trees (Gastropods)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	120 - 150 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mini		3	u								late Palaeolithic		cooler than 150 - 170 cm, but still single trees (Gastropods)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	120 - 150 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mioe		3	u								late Palaeolithic		cooler than 150 - 170 cm, but still single trees (Gastropods)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	120 - 150 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	CYgl		3	u								late Palaeolithic		cooler than 150 - 170 cm, but still single trees (Gastropods)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	150 - 160 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	CPib		3	u	10180	160	VRI-1327	bone (*Capra ibex*)	GS 535, 158 cm	1		late Palaeolithic		warmer than 170 - 240 cm; conifers at NE side of Warscheneckstock (Gastropods); Bølling or Allerød		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	150 - 160 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlar		3	u								late Palaeolithic		warmer than 170 - 240 cm; conifers at NE side of Warscheneckstock (Gastropods); Bølling or Allerød		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	150 - 160 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlag		3	u								late Palaeolithic		warmer than 170 - 240 cm; conifers at NE side of Warscheneckstock (Gastropods); Bølling or Allerød		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	150 - 160 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mini		3	u								late Palaeolithic		warmer than 170 - 240 cm; conifers at NE side of Warscheneckstock (Gastropods); Bølling or Allerød		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	150 - 160 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mioe		3	u								late Palaeolithic		warmer than 170 - 240 cm; conifers at NE side of Warscheneckstock (Gastropods); Bølling or Allerød		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	150 - 165 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	CYgl		3	u								late Palaeolithic		warmer than 170 - 240 cm; conifers at NE side of Warscheneckstock (Gastropods); Bølling or Allerød		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	160 (165) - 170 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlar		3	u								late Palaeolithic		warmer than 170 - 240 cm; conifers at NE side of Warscheneckstock (Gastropods); Bølling or Allerød		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	160 (165) - 170 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlag		3	u								late Palaeolithic		warmer than 170 - 240 cm; conifers at NE side of Warscheneckstock (Gastropods); Bølling or Allerød		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	160 (165) - 170 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Misu		3	u								late Palaeolithic		warmer than 170 - 240 cm; conifers at NE side of Warscheneckstock (Gastropods); Bølling or Allerød		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	160 (165) - 170 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mini		3	u								late Palaeolithic		warmer than 170 - 240 cm; conifers at NE side of Warscheneckstock (Gastropods); Bølling or Allerød		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	160 (165) - 170 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	CYgl		3	u								late Palaeolithic		warmer than 170 - 240 cm; conifers at NE side of Warscheneckstock (Gastropods); Bølling or Allerød		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	170 - 240 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlar		2	u								late Palaeolithic		cold and without trees (Gastropod fauna)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	170 - 240 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mlag		2	u								late Palaeolithic		cold and without trees (Gastropod fauna)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	170 - 240 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Misu		2	u								late Palaeolithic		cold and without trees (Gastropod fauna)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	170 - 240 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mini		2	u								late Palaeolithic		cold and without trees (Gastropod fauna)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	170 - 240 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	Mioe		2	u								late Palaeolithic		cold and without trees (Gastropod fauna)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	170 - 240 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	ARte		2	u								late Palaeolithic		cold and without trees (Gastropod fauna)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
270	Gamssulzenhöhle	170 - 240 cm	47.6822	14.2978	1300	East	A	Upper Austria	Totes Gebirge	Spital	Rabeder & Weichenberger 1995; transdat 11.04	x	CYgl		2	u								late Palaeolithic		cold and without trees (Gastropod fauna)		Rabeder & Weichenberger 1995; Nagel et al. 1995; Rabeder 1995a, 1995b
271	Laufenbergloch		47.7000	13.4000	1445	East	A	Upper Austria			figure in Döppes & Pacher 2005		URar		5		9810	70	GrN-22339	metapodial (*Ursus arctos*)		1						Döppes & Pacher 2005
272	Saaleck		51.1167	11.7000		East	D	SNA			Vermeersch 2006		EQ		1		13200	400	KN-2562	tooth		1		Magdalenian			horse remains only	Vermeersch 2006; Nobis 1982
273	Bad Frankenhausen		51.2100	11.0600		East	D	TH	Kyffhäuserkreis		Eurofauna Database		EQ		3	u										Allerød ?	small horses, no RGta!	Feustel 1977
274	Urdhöhle	chamber above main gallery	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	HOsa		5		8470	50	OxA-10827	human skull		2	7580-7520 and 7500-7485 cal. BC	Mesolithic		younger Boreal		Terberger et al. 2003
274	Urdhöhle	chamber above main gallery	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	HOsa		5		8400	50	OxA-10828	human humerus		2	7550-7450 and 7410-7370 cal. BC	Mesolithic		younger Boreal		Terberger et al. 2003
274	Urdhöhle	V	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	LE		0											high Glacial (mollusc fauna)	hiatus between IV and V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	V	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	RGta		0											high Glacial (mollusc fauna)	hiatus between IV and V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	V	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlgr		0											high Glacial (mollusc fauna)	hiatus between IV and V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	V	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlag		0											high Glacial (mollusc fauna)	hiatus between IV and V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	V	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	DI	*Dicrostonyx torquatus*	0											high Glacial (mollusc fauna)	hiatus between IV and V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	LE		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CHIR		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CTct		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	ARte		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlagar		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	AM		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	RGta		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	URar		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	TAeu		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	SOar		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	NEan		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	MY	cf. mystacinus	0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CYgl		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlgr		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50.6914	11.6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mioe		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971

274	Urdhöhle	VI a-d	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlag		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VI a-d	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	DI	*Dicrostonyx torquatus*	0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CHIR		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	TAeu		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	ARte		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlagar		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CYgl		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CTct		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	VUvu		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	UR		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	SOar		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlgr		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mioe		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlag		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	LAla		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	DI	*Dicrostonyx torquatus*	0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	6 a-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	MTer		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	corresponds to horizon VI	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VII	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	OCpu		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VII	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlagar		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VII	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	ARte		0									comparison to late glacial cultures		late Glacial (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	7	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	MEme		0									comparison to late glacial cultures		late Glacial? (mollusc fauna)	time slice 1 to 4, not 5	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VIII	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	SOar		5											Preboreal (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VIII	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CTct		5											Preboreal (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VIII	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CYgl		5											Preboreal (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VIII	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	ARte		5											Preboreal (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VIII	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlgr		5											Preboreal (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VIII	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mioe		5											Preboreal (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	VIII	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlag		5											Preboreal (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	TAeu	*Talpa* sp.	5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	TAeu		5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CHIR		5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CTct		5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	ARte		5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlagar		5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	VUvu		5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	URar		5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CYgl		5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlgr		5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlag		5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	IX a and b	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	DI	*Dicrostonyx torquatus*	5											Boreal-Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	X	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CTct		5													Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	X	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	ARte		5													Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	X	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CAlufa	*Canis familiaris*	5													Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	X	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	VUvu		5													Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	X	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	UR		5													Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	X	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	MEme		5													Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	X	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	LYly		5													Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	XI	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	LE		5											Atlantic (mollusc fauna)		Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	RGta		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	LE		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	VUvu		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	MEme		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CAP	Caprini	0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CAlu		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	Mlagar		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	UR		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	ARte		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	BOV		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	e-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	LE		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V; finds intermixe with recent due to bioturbation	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	e-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V; finds intermixe with recent due to bioturbation	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	e-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	PApa		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V; finds intermixe with recent due to bioturbation	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	e-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CTct		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V; finds intermixe with recent due to bioturbation	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	e-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	TAeu		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V; finds intermixe with recent due to bioturbation	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	e-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	MEme		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V; finds intermixe with recent due to bioturbation	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	e-f	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CAlu		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V; finds intermixe with recent due to bioturbation	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	d	50,6914	11,6425	330	East	D	TH	Orlasenke	Pößneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		0												not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971

274	Urdhöhle	d	50,6914	11,6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	VUvu		0													not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	d	50,6914	11,6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	RGta		0													not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	c	50,6914	11,6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	RGta		0													not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	c	50,6914	11,6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	URar		0													not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	c	50,6914	11,6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	UR	cf. *spelaeus*	0													not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	c	50,6914	11,6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	FEsi	cf. *silvestris*	0													not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
274	Urdhöhle	c	50,6914	11,6425	330	East	D	TH	Orlasenke	Poßneck/Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		0													not correlated exactly with V-IX; c-f1 probably = VI-VII, f2 = V	Musil 1971; Feustel 1971; Mania 1971; Knorre 1971
275	Kniegrotte	IX	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CAlu		1	u												bones of CAlu and URar differently fossilized and probably older than those of EQ and RGta	Feustel 1974; Musil 1974
275	Kniegrotte	IX	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	URsp		1	u												bones of CAlu and URar differently fossilized and probably older than those of EQ and RGta	Feustel 1974; Musil 1974
275	Kniegrotte	IX	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ	*Equus germanicus*	1													bones of CAlu and URar differently fossilized and probably older than those of EQ and RGta	Feustel 1974; Musil 1974
275	Kniegrotte	IX	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	RGta		1													bones of CAlu and URar differently fossilized and probably older than those of EQ and RGta	Feustel 1974; Musil 1974
275	Kniegrotte	VII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ		1													bones of CAlu and URar differently fossilized and probably older than those of EQ and RGta	Feustel 1974; Musil 1974
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	HOsa	*Homo sapiens sapiens*	1		13190	130	OxA-4846	marrow broken femur with cutmarks (*Equus* sp.)	3/X (VIII); oben	2		Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	LE		1		13310	110	OxA-4832	cutmarked scapula (*Rangifer*)	1/X (VIII); oben	2		Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	LEti		1		25340	440	OxA-4847	humerus with cutmarks (*Ursus* sp.)	oben	2		Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	APla		1		13120	130	OxA-4845	marrow broken tibia (*Rangifer*)	2/X (VIII); oben	2		Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CAlufa	*Canis* cf. *familiaris*	1		13130	120	OxA-4849	skull bone (*Saiga tatarica*)	7/X (VIII); Mitte	2		Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	VUvu		1		13150	130	OxA-4848	modified mt (*Equus* sp.)	6/X (VIII); Mitte	2		Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	UR		1		13160	140	OxA-4850	cutmarked tibia (*Alopex lagopus*)	Mitte	2		Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	URar		1		13520	130	OxA-4852	lumbal vertebra with cutmarks (*Equus* sp.)	11/X (VIII); unten	2		Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	LYly		1		14470	140	OxA-4851	lumbal vertebra (*Mammuthus*)	10/X (VIII); unten	2		Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	MMpr		1		13090	130	OxA-4853	skull bone (*Saiga tatarica*)	12/X (VIII); unten	2		Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	EQ	*Equus germanicus*	1		13585	165	Bln-1564	animal bone		1		Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	CEel		1									Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	RGta		1									Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	VIII	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x	SAta		1									Magdalenian			hot summer, cool winter with low precipitation, altogether cool climate, extensive steppes (more than in Mähren); addressed as 'probably Dryas II' (Dryas I excluded for stage of horse evolution) by Musil 1974	Horse dominant (Bratlund 1996); horse only dominant in upper part of VIII (Musil 1974); Layer XIV equals VII and VIII and parts of IX; different sublayers of VIII are the same age, therefore fauna not divided here (cf. Musil 1974)	Feustel 1974, 1979; Musil 1974; Housley et al. 1997; Hedges et al. 1998; Höck 2000; Sommer pers. comm. 2007
275	Kniegrotte	Plattenschicht	50,6908	11,5425	330	East	D	TH	Kr. Poßneck	Dobritz	Koenigswald & Heinrich 1996; transdat 11.04	x			0		10230	90	GrN-6649	charcoal		2						biased sample	Feustel 1980; Höck 2000; Sommer pers. comm. 2007
276	Teufelsbrücke	1	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	LE		1		12900	130	OxA-5725	tibia with cutmarks, *Capra ibex* ?	'10/ Sch. 3/ 1972,	2		Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	1	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APeVU		1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	1	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EQ	*Equus germanicus*	1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	1	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	RGta		1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	1	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	DI	*Dicrostonyx torquatus*	1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	1	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	ARV	Microtinae	1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	LE		1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APla		1		12860	130	OxA-5722	phalanx with cutmarks, *Equus*	'12/ Sch. 2/	2		Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	VUvu		1		13080	140	OxA-5723	calcaneum with cutmarks, *Capra ibex* ?	'13/ Sch.2/	2		Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EQ	*Equus germanicus*	1		12940	140	OxA-5724	carpal, artiodactyle	'13/ Sch.2/	2		Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	RGta		1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	SAta		1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	Mlgr		1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	DI	*Dicrostonyx torquatus*	1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	ARV	Microtinae	1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	MTer		1									Magdalenian		Balling		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	LE		2		12315	100	Bln-1924	animal bone	2nd half of Bln 1821	1		Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APla		2		13025	85	Bln-1573	animal bone		1		Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	CAlufa	*Canis* cf. *familiaris*	2		12300	85	Bln-1821	animal bone		1		Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	VUvu		2		10040	120	OxA-5727	mandible with cutmarks, *Equus*	'14/ Sch. 3/ 1972,	2		Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	URar		2		12640	130	OxA-5726	marrow broken humerus, *Rangifer*	'15/ Sch. 3/ 1972,	2		Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	MMpr		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EQ	*Equus germanicus*	2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	CLcl		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	RGta		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	SAta		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	TAeu		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	SOar		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EPse		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EMqu		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	AMfl		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	CYgl		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	ARte		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	Mtsu		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	Mlagar		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	Mloe		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	Mlni		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	Mlgr		2									Magdalenian		Allerød		horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007

276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	DI	*Dicrostonyx torquatus*	2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	LMim		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	ARV	Microtinae	2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	MRmr		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	MTpu		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	MEme		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	LE		2		12480	90	Bln-1727	bone	profile x-z	1		Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APla		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APveVU		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	CA		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	CAlu		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	CAlufa	*Canis cf. familiaris*	2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	URar		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	PApa		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EQ		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	RGta		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	BOveBI		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	ARte		2									Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	LE		1	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APla		1	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	VUvu		1	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	PAlesp	*Panthera cf. leo*	1	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EQ	*Equus germanicus*	1	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	RGta		1	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	SAta		1	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	LE		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	MRmr		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APla		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EQ	*Equus germanicus*	2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	RGta		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	LE		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APla		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APveVU		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	CAlufa	*Canis cf. familiaris*	2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	CAlu		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	VUvu		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APveVU		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	URar		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EQ	*Equus germanicus*	2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	CLcl		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	RGta		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	BOveBI		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	SAta		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	TAeu		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EMqu		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	AMfl		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	ARte		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	Mlsu		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	Mlagar		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	3a-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	Mlni		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	1-2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	LE		1	u								Magdalenian		Balling	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	1-2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	RGta		1	u								Magdalenian		Balling	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	1-2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	BOveBI		1	u								Magdalenian		Balling	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	1-2	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	SAta		1	u								Magdalenian		Balling	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	LE		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APveVU		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APla		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	CAlufa	*Canis cf. familiaris*	2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	VUvu		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EQ	*Equus germanicus*	2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	RGta		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	Mlagar		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-3	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	ARV	Microtinae	2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	LE		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APla		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	APveVU		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	CAlu		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	URar		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	PApa		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007

276	Teufelsbrücke	2-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	EQ	*Equus germanicus*	2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke	2-4	50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x	RGta		2	u								Magdalenian		Allerød	horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980); There is NO Magdalenian in the classical Allerød!	Feustel 1980; Musil 1980; Knorre 1980; Hedges et al. 1998; Sommer pers. comm. 2007
276	Teufelsbrücke		50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x			1		13080	120	ETH-7501	bone			2	Magdalenian			horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Vermeersch 2006
276	Teufelsbrücke		50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x			2	u	11960	120	ETH-7502	bone			2	Magdalenian			horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Vermeersch 2006
276	Teufelsbrücke		50,5833	11,4167		East	D	TH	Orlasenke	Saalfeld	Hedges et al. 1998; transdat 10.15	x			2		12040	120	ETH-7503	bone			2	Magdalenian			horse dominant Element (Bratlund 1996); dates are older than chronozone determined by Musil (1980)	Vermeersch 2006
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		LE		2	u	11750	250	H 830/840	ground with charcoal particles			1	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		APla		2	u	11160	85	Bln 1724	ground with charcoal particles	Schnitt XX, Herd		1	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		CAlufa	*Canis cf. familiaris*	2	u	10940	85	Bln 1908	ground with charcoal particles	2nd combustion of Bln 1724		1	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		URar		2	u	12350	85	Bln-1726	bone	Schnitt VII, Fläche a, Schicht 4 (Kulturschicht unten)		1	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		FEsi		2	u	12545	80	Bln-1565	bone	Schnitt XII, Schicht 4a (Kulturschicht unten)		1	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		MMpr		2	u	12270	110	OxA-5712	radius with cutmarks (*Rangifer*)	4/ 136/60, VI, 284/61		2	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		EQ	*Equus germanicus*	2	u	12270	120	OxA-5709	mc III with cutmarks (*Equus*)	1/ 119/60, VII, 268/61		2	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		CDan		2	u	12080	110	OxA-5710	mc III with cutmarks (*Equus*)	'2/ 162/60, V		2	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		SUsc		2	u	12050	110	OxA-5711	mc IV with cutmarks (*Equus*)	3/ 136/60, VI, 284/61		2	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		RGta		2	u	12740	120	OxA-5713	phalanx with cutmarks (*Equus*)	5/ 142/63b, VIII		2	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		BOvelBI		2	u	12620	120	OxA-5714	maxilla with cutmarks (*Rangifer*)	6/ 146/60, IV		2	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		CPib	*Capra cf. ibex*	2	u	11810	110	OxA-5715	mc III (*Equus*)	7/ 126/60, VII, 203/61		2	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database				2	u	12790	110	OxA-5716	mcIII (*Equus*)	8/ 19/60, VII, 197/61		2	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz	1	50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database				2	u	12670	110	OxA-5717	calcaneum (*Rangifer*)	9/ 113/60, VII, 264/61		2	Magdalenian	woods in valleys, higher regions with steppe; relatively mild climate, at find locality more favourable than in higher surroundings	Dryas II to Allerød; faunistically Dryas II (before Kniegrotte and Teufelsbrücke)	dates do not support older age than Kniegrotte	Feustel 1980, 1985; Musil 1985; Hedges et al. 1998; Sommer pers. comm. 2007
277	Oelknitz		50,5100	11,3700	178	East	D	TH	Holzlandkreis	Rothenstein	Eurofauna Database		MMpr		1		14100	100	OxA-10240	tusk (*Mammuthus*)			2					Stuart et al. 2002
278	Lausnitz		50,4400	11,4200		East	D	TH	Orlakreis		Eurofauna Database		EQ		3											Dryas II/Allerød		Feustel & Musil 1977a
279	Bärenkeller Königsee	II	50,3900	11,0600		East	D	TH	Lkr. Saalfeld-Rudolstadt		Eurofauna Database		EQ	*Equus ferus*	3											Allerød (Ila)	horses same size as Lausnitz; not like Kniegrotte; Dwarfing according to Musil 1974, only in Central Europe (Nobis 1971), growth in Russia	Feustel & Musil 1977a
279	Bärenkeller Königsee	II	50,3900	11,0600		East	D	TH	Lkr. Saalfeld-Rudolstadt		Eurofauna Database		SUsc	(SUsc)	3											Allerød (Ila)	horses same size as Lausnitz; not like Kniegrotte; Dwarfing according to Musil 1974, only in Central Europe (Nobis 1971), growth in Russia	Feustel & Musil 1977a
279	Bärenkeller Königsee	II	50,3900	11,0600		East	D	TH	Lkr. Saalfeld-Rudolstadt		Eurofauna Database		URar		3											Allerød (Ila)	horses same size as Lausnitz; not like Kniegrotte; Dwarfing according to Musil 1974, only in Central Europe (Nobis 1971), growth in Russia	Feustel & Musil 1977a
279	Bärenkeller Königsee	II	50,3900	11,0600		East	D	TH	Lkr. Saalfeld-Rudolstadt		Eurofauna Database		RGta		3											Allerød (Ila)	horses same size as Lausnitz; not like Kniegrotte; Dwarfing according to Musil 1974, only in Central Europe (Nobis 1971), growth in Russia	Feustel & Musil 1977a
280	Fuchskirche	2	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database				5												mixed lateglacial and Holocene, see Koßner 2006	Feustel & Musil 1977b
280	Fuchskirche	3a	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database				5	u											wrong time assignment; wrong reference to Zigeunerfels	Feustel & Musil 1977b
280	Fuchskirche	3b	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database				5	u											wrong time assignment; wrong reference to Zigeunerfels	Feustel & Musil 1977b
280	Fuchskirche	I (Abri) 3b	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		ALal		2		12158	50	KIA 12925	*Alces* , left m3	413/69					GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	first proof of aurochs in lateglacial interstadial; taxon assignment supported by DNA study; large individual	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3b	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		EQ		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	first proof of aurochs in lateglacial interstadial; taxon assignment supported by DNA study; large individual	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3a	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		ALal		2		12232	50	KIA 12926	*Alces* , right p4	416/69					GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	first proof of aurochs in lateglacial interstadial; taxon assignment supported by DNA study; large individual	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3a	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		EQ		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	first proof of aurochs in lateglacial interstadial; taxon assignment supported by DNA study; large individual	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3a	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		BOpr		2		12030	52	KIA 12927	*Bos* , right radius	416/69					GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	first proof of aurochs in lateglacial interstadial; taxon assignment supported by DNA study; large individual	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3a	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		BOvelBI		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	first proof of aurochs in lateglacial interstadial; taxon assignment supported by DNA study; large individual	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3a	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		CEel		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	first proof of aurochs in lateglacial interstadial; taxon assignment supported by DNA study; large individual	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3a	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		SUsc		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	first proof of aurochs in lateglacial interstadial; taxon assignment supported by DNA study; large individual	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3a	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		CLcl		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	first proof of aurochs in lateglacial interstadial; taxon assignment supported by DNA study; large individual	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3a	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		URar		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	first proof of aurochs in lateglacial interstadial; taxon assignment supported by DNA study; large individual	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3a	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		APveVU		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	first proof of aurochs in lateglacial interstadial; taxon assignment supported by DNA study; large individual	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3onZ	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		EQ		2		12721	65	KIA 12928	*Equus* , right mc	406/69					GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	few artefacts might indicate use of abri during late Magdalenian; date of horse in horizon 3onZ supports this	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		EQ		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	ALal, CEel, OVveCP, OVar, CAfa, LE probably intermixed from Holocene layer 2 (above)	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		SUsc		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	ALal, CEel, OVveCP, OVar, CAfa, LE probably intermixed from Holocene layer 2 (above)	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		ALal		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	ALal, CEel, OVveCP, OVar, CAfa, LE probably intermixed from Holocene layer 2 (above)	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		CEel		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	ALal, CEel, OVveCP, OVar, CAfa, LE probably intermixed from Holocene layer 2 (above)	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		CAP	*Ovis* or *Capra*	2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	ALal, CEel, OVveCP, OVar, CAfa, LE probably intermixed from Holocene layer 2 (above)	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		OVar		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	ALal, CEel, OVveCP, OVar, CAfa, LE probably intermixed from Holocene layer 2 (above)	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		CAlufa	*Canis familiaris*	2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	ALal, CEel, OVveCP, OVar, CAfa, LE probably intermixed from Holocene layer 2 (above)	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
280	Fuchskirche	I (Abri) 3	50,3900	11,1000		East	D	TH	Lkr. Saalfeld-Rudolstadt	Allendorf	Eurofauna Database		LE		2											GIIe (late) to 1c3, within it most probably Dryas II to beginning Allerød	ALal, CEel, OVveCP, OVar, CAfa, LE probably intermixed from Holocene layer 2 (above)	Koßner 2006 (dates, archeology); Benecke 2006 (fauna); Bollongino & Weber 2006 (aurochs DNA)
281	Berzdorf		51,0667	14,9000	184	East	D	SN		Upper Lausitz	www.fallingrain.com/world/	x	BOpr		4		10750	35	KIA 15252-1	bone collagen, skull (*Bos primigenius*)			2	10456±40 from bone rest; 10988-10856 cal BC (1σ-range, 51%)				German grid; find derives from Nieße Lower Terrace; exact stratigraphic position of find unknown; osteometry of skull of this male BOpr indicates an age older than Holocene	Tietz 2005
281	Berzdorf		51,0667	14,9000	184	East	D	SN		Upper Lausitz	www.fallingrain.com/world/	x			4		10810	50	KIA 15252-2	bone collagen, skull (*Bos primigenius*)			2	10870±55 BP from bone rest; 11030-10868 cal BC (1σ-range, 60.7%)				German grid; find derives from Nieße Lower Terrace; exact stratigraphic position of find unknown; osteometry of skull of this male BOpr indicates an age older than Holocene	Tietz 2005
282	Nebra		51,2931	11,5738	140	East	D	SNA		Nebra	Koenigswald & Heinrich 1996; transdat 11.04		LEti		1									Magdalenian				Gaudzinski & Street 2003; Mania 1999; Koenigswald & Heinrich 1996
282	Nebra		51,2931	11,5738	140	East	D	SNA		Nebra	Koenigswald & Heinrich 1996; transdat 11.04		MMpr		1									Magdalenian				Gaudzinski & Street 2003; Mania 1999; Koenigswald & Heinrich 1996
282	Nebra		51,2931	11,5738	140	East	D	SNA		Nebra	Koenigswald & Heinrich 1996; transdat 11.04		EQ		1									Magdalenian				Gaudzinski & Street 2003; Mania 1999; Koenigswald & Heinrich 1996
282	Nebra		51,2931	11,5738	140	East	D	SNA		Nebra	Koenigswald & Heinrich 1996; transdat 11.04		RGta		1									Magdalenian				Gaudzinski & Street 2003; Mania 1999; Koenigswald & Heinrich 1996
282	Nebra		51,2931	11,5738	140	East	D	SNA		Nebra	Koenigswald & Heinrich 1996; transdat 11.04		APla		1									Magdalenian				Gaudzinski & Street 2003; Mania 1999; Koenigswald & Heinrich 1996
282	Nebra		51,2931	11,5738	140	East	D	SNA		Nebra	Koenigswald & Heinrich 1996; transdat 11.04		CAlu		1									Magdalenian				Gaudzinski & Street 2003; Mania 1999; Koenigswald & Heinrich 1996
282	Nebra		51,2931	11,5738	140	East	D	SNA		Nebra	Koenigswald & Heinrich 1996; transdat 11.04		FEsi		1									Magdalenian				Gaudzinski & Street 2003; Mania 1999; Koenigswald & Heinrich 1996
283	Chwalim	1 IF	52,0667	15,8167	48	East	PL	Kargova	Western Poland	Kargova	www.fallingrain.com/world/		EQ	*Equus przewalskii*	5	u											interface between LL and younger layer (UL)	Gautier 1993
283	Chwalim	1 IF	52,0667	15,8167	48	East	PL	Kargova	Western Poland	Kargova	www.fallingrain.com/world/		CEel		5	u											interface between LL and younger layer (UL)	Gautier 1993
283	Chwalim	1 IF	52,0667	15,8167	48	East	PL	Kargova	Western Poland	Kargova	www.fallingrain.com/world/		Blbo		5	u											interface between LL and younger layer (UL)	Gautier 1993
283	Chwalim	1 LL	52,0667	15,8167	48	East	PL	Kargova	Western Poland	Kargova	www.fallingrain.com/world/		CEel		5		9565	90	Gd-1164					Early Mesolithic		mid Preboreal		Gautier 1993; Sulgostowska 2003
283	Chwalim	1 LL	52,0667	15,8167	48	East	PL	Kargova	Western Poland	Kargova	www.fallingrain.com/world/		ALal		5		9500	75	Bln-1766					Early Mesolithic		mid Preboreal		Gautier 1993; Sulgostowska 2003
283	Chwalim	1 LL	52,0667	15,8167	48	East	PL	Kargova	Western Poland	Kargova	www.fallingrain.com/world/		Blbo		5		9385	90	Gd-1164 (?)					Early Mesolithic		mid Preboreal		Gautier 1993; Sulgostowska 2003
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		TAeu		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		LEeu		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		LEti		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		CSfi		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		DI	*Dicrostonyx torquatus*	0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		LMim		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		APla		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		CAlu		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		URar		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		URsp		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		GUgu		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001

284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		MEme		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		COcosp		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		PAlesp		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		PApa		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		MMpr		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		EQ	*Equus germanicus*	0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		CDan		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		ALal		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		CLcl		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		MGgl		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		RGta		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		Blpr		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		BOgr		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		CPib		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
284	Předmostí	1	49,2600	17,2300	233	East	CZ	Maehren		Prerov	EUQUAM Database; www.fallingrain.com/world/		OBmo		0									since Mousterien		Pleniglacial	mixed fauna?	Musil 1956, 1958, 1964,1968, 1994; Döppes 2001
285	Allander Tropfsteinhöhle		48,0500	16,0760	400	East	A	Wienerwald		Döppes & Pacher 2005; Google Earth 4	BETA		URar		3		10870	80	VRI-1438	calcaneus (*Ursus arctos*)		1							Döppes & Pacher 2005
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Niederösterreich		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		TAeu		0							between 13250 BP and Recent (Nagel 1997)		Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Niederösterreich		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		TAeu	*Talpa magna*	0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Niederösterreich		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		SOar		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Niederösterreich		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		SOmi		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Niederösterreich		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		SOal	*Sorex ? alpinus*	0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Niederösterreich		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		NEfo		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Niederösterreich		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		MY	*Myotis zbyrhi*	0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		URsp		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		CAlu		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		APla		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		VUvu		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		MEme		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		LUlu		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		MAfo		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		MTer		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		MTni		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		MTpu		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		PApa		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		LYly		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		LEti		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		OCpu		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		Slbe		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		PHsu	*Cricetulus songarus*	0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		CTct	*Cricetus aff. cricetus*	0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		ARV		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		DI	*Dicrostonyx guilelmi*	0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		DI	*Dicrostonyx hensell*	0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		CYgl		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		Mlag		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		Mlar		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		Mlgr		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		Mloe	*ratticeps*	0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		Mini		0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		MI	*Microtus ? "rivalinus "*	0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		ARte	*Arvicola antiquus*	0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47,9828	16,1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		SP	*Citellus ? citellus*	0									Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997

286	Merkenstein	d2 (="Nagerschichte"?)	47.9828	16.1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		CSfi		0								Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47.9828	16.1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		SUsc		0								Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47.9828	16.1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		ALal		0								Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47.9828	16.1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		RGta	*Rangifer ? tarandus*	0								Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47.9828	16.1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		CPib		0								Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
286	Merkenstein	d2 (="Nagerschichte"?)	47.9828	16.1311		East	A	Lower Austria		Bad Vöslau	http://de.wikipedia.org/wiki/Ruine_Merkenstein; transdat 11.07		EQ	*Equus* aff. *przewalskii*	0								Magdalenian		"Würm 2" (Mais & Rabeder 1985)	must be mixed fauna, SUsc certainly admixed	Mais & Rabeder 1985; Nagel 1997
287	Reichwalde	5049	51.3833	14.6667	133	East	D	SN		Reichwalde	www.fallingrain.com/world/		CEel		2		12350	50	GrA-15437	*Capreolus* , calcinated bone		2		late paleolithic	pre-Allered			Vollbrecht 2005
287	Reichwalde	5049	51.3833	14.6667	133	East	D	SN		Reichwalde	www.fallingrain.com/world/		CLcl		2									late paleolithic	pre-Allered			Vollbrecht 2005
287	Reichwalde	5049	51.3833	14.6667	133	East	D	SN		Reichwalde	www.fallingrain.com/world/		RGta	?	2									late paleolithic	pre-Allered			Vollbrecht 2005
288	Raguth		53.5667	11.0500	37	North	D	MVP	Kreis Ludwigslust	Raguth	www.fallingrain.com/world/		BOpr		5								10130-9395 cal BC			Preboreal or even Younger Dryas	oldest record of BOpr in MVP	Behm 1999
289	Årsballe Mose		55.1000	14.7000		North	DK	Bornholm			www.fallingrain.com/world/		SUsc		5		9120	120	K-4637	bone (*Sus scrofa*)		1	10.5-10.2 ka cal BP				oldest SUsc of Denmark	Aaris-Sørensen in press

Taxon ID	Scientific name	Author	Common name (German)	Common name (English)	Ecological category (climate)	Extant (empty) or extinct (†)	Synonyms
EReu	*Erinaceus europaeus*	LINNAEUS, 1758	Braunbrustigel/Westige	West European hedgehog	te		
SOR	Soricidae	FISCHER VON WALDHEIM, 1817	Spitzmäuse	shrews	u		
CRrule	*Crocidura leucodon-russula*				te		
NE	*Neomys* sp.	KAUP, 1829	Wasserspitzmäuse	water shrews	u		
NEan	*Neomys anomalus*	CABRERA, 1907	Sumpfspitzmaus	Mediterranean water shrew/southern water shrew	te		
NEfo	*Neomys fodiens*	(PENNANT, 1771)	Wasserspitzmaus	European water shrew/northern water shrew	kf		
SO	*Sorex* sp.	LINNAEUS, 1758	Rotzähnige Spitzmäuse	red-toothed shrews	u		
SOal	*Sorex alpinus*	SCHINZ, 1837	Alpenspitzmaus	Alpine shrew	kt		
SOco	*Sorex coronatus*	MILLET, 1882	Schabrackenspitzmaus	Jersey shrew	te		
SOke	*Sorex kennardi*	HINTON, 1911	Kennard-Spitzmaus	Kennard's shrew	i	†	*Sorex runtonensis*
SOma	*Sorex macrognathus*	JANOSSY, 1965			i	†	
SOar	*Sorex araneus*	LINNAEUS, 1758	Waldspitzmaus	common shrew	i		*Sorex vulgaris*
SOmi	*Sorex minutus*	LINNAEUS, 1766	Zwergspitzmaus	lesser shrew/pygmy shrew	i		*Sorex pygmaeus*
SOms	*Sorex minutissimus*	ZIMMERMANN, 1780	Knirpsspitzmaus	least shrew/lesser pygmy shrew	kt		
TAP	Talpidae	FISCHER VON WALDHEIM, 1817	Maulwürfe	moles	u		
TAeu	*Talpa europaea*	LINNAEUS, 1758	Europäischer Maulwurf	European mole	i		
DEmo	*Desmana moschata*	(LINNAEUS, 1758)	Russischer Desman/Wychuchol	Russian desman	kf		
HOsa	*Homo sapiens*	LINNAEUS, 1758	Mensch	Modern Man	none		
CHIR	Chiroptera	LINNAEUS, 1758	Fledertiere	bats	u		
RH	*Rhinolophus* sp.	LACEPEDE, 1799	Hufeisennasen	horseshoe bats	te		
RHh	*Rhinolophus hipposideros*	(BECHSTEIN, 1800)	Kleinhufeisennase	lesser horseshoe bat	te		
PIpi	*Pipistrellus pipistrellus*	(SCHREBER, 1774)	Zwergfledermaus	common pipistrelle	te		
MY	*Myotis* sp.	KAUP, 1829	Mausohren	mouse-eared bats	u		
MYbe	*Myotis bechsteinii*	(KUHL, 1817)	Bechstein-Fledermaus	Bechstein's bat	te		
MYmc	*Myotis mystacinus*	(KUHL, 1817)	Kleine Bartfledermaus	whiskered bat	te		
MYna	*Myotis nattereri*	(KUHL, 1817)	Fransenfledermaus	Natterer's bat	te		
MYmy	*Myotis myotis*	(BORKHAUSEN, 1797)	Mausohr	greater mouse-eared bat	te		
MYem	*Myotis emarginatus*	(GEOFFROY, 1806)	Wimperfledermaus	Geoffroy's bat	te		
VEmu	*Vespertilio murinus*	LINNAEUS, 1758	Zweifarbfledermaus/Gemeine Fledermaus	particoloured bat	i		*Myotis murinus*
NY	*Nyctalus* sp.	BOWDICH, 1825	Abendsegler	noctules	te		
NYno	*Nyctalus noctula*	(SCHREBER, 1774)	Gemeiner Abendsegler	noctule	te		
NYla	*Nyctalus lasiopterus*	(SCHREBER, 1780)	Großabendsegler	greater noctule	te		
EPse	*Eptesicus serotinus*	SCHREBER, 1774	Breitflügelfledermaus	seotine	te		
BAba	*Barbastella barbastellus*	(SCHREBER, 1774)	Mopsfledermaus	barbastelle	te		
PLau	*Plecotus auritus*	(LINNAEUS, 1758)	Braunes Langohr	common long-eared bat	i		
LAGO	Lagomorpha	BRANDT, 1855	Hasentiere	lagomorphs	u		
OCpu	*Ochotona pusilla*	(PALLAS, 1769)	Steppenpfeifhase/Steppenpika	small pika/steppe pika	kt		
ORcu	*Oryctolagus cuniculus*	(LINNAEUS, 1758)	Europäisches Wildkaninchen	European rabbit	i		
LE	*Lepus* sp.	LINNAEUS, 1758	Hasen	hares	u		
LEeu	*Lepus europaeus*	PALLAS, 1778	Feldhase	European hare/brown hare	te		
LEti	*Lepus timidus*	LINNAEUS, 1758	Schneehase	mountain hare	kt		
RODE	Rodentia	BOWDICH, 1821	Nagetiere	rodents	u		
SCvu	*Sciurus vulgaris*	LINNAEUS, 1758	Eichhörnchen	red squirrel	te		
SP	*Spermophilus* sp.	CUVIER, 1825	Ziesel	ground squirrels/souslik	kt		*Citellus* sp.
MRmr	*Marmota marmota*	(LINNAEUS, 1758)	Alpenmurmeltier	Alpine marmot	kt		
CSfi	*Castor fiber*	LINNAEUS, 1758	Europäischer Biber	European beaver	kf		
CT	*Cricetus* sp.	LESKE, 1779	Hamster	hamsters	kt		
CTct	*Cricetus cricetus*	(LINNAEUS, 1758)	Hamster/Feldhamster	common hamster	kt		
CTma	*Cricetus major*	(WOLDRICH, 1880)			kt	†	
PHsu	*Phodopus sungorus*	(PALLAS, 1773)	Dschungarischer Zwerghamster	Dzungarian hamster	kt		
ARV	Arvicolinae	GRAY, 1821	Wühlmäuse	voles, lemmings, and muskrats	u		Microtinae
ARte	*Arvicola terrestris*	(LINNAEUS, 1758)	Ostschermaus/Schermaus	water vole	i		*Arvicola amphibius*
MI	*Microtus* sp.	SCHRANK, 1798	Feldmäuse	voles	u		
MIag	*Microtus agrestis*	(LINNAEUS, 1761)	Erdmaus	field vole	i		
MIar	*Microtus arvalis*	(PALLAS, 1778)	Feldmaus	common vole	te		
MIagar	*Microtus arvalis-agrestis*				u		
MIgr	*Microtus gregalis*	(PALLAS, 1779)	Schmalschädlige Wühlmaus/Sibirische Zwiebelmaus	narrow-headed vole/singing vole	kt		*Microtus anglicus* , *Microtus brandi* (not *M. brandti* !)
MIoe	*Microtus oeconomus*	(PALLAS, 1776)	Nordische Wühlmaus/Sumpfmau	root vole/northern vole/tundra vole	kf		
MIsu	*Microtus subterraneus*	(DE SELYS-LONGCHAMPS, 1836)	Kurzohrmaus	pine vole	te		*Pitymys subterraneus*
MIni	*Chionomys nivalis*	(MARTINS, 1842)	Schneemaus	snow vole	kt		*Microtus nivalis*
CYgl	*Myodes glareolus*	(SCHREBER, 1780)	Rötelmaus	bank vole	te		*Clethrionomys glareolus*
CYru	*Myodes rutilus*	(PALLAS, 1779)	Polarrötelmaus	northern red-backed vole	te		*Clethrionomys rutilus*
DI	*Dicrostonyx* sp.	GLOGER, 1841	Halsbandlemminge	collared lemmings	kt		
LAla	*Lagurus lagurus*	(PALLAS, 1773)	Graulemming	steppe lemming	kt		
LMlm	*Lemmus lemmus*	(LINNAEUS, 1758)	Berglemming/Fjälllemming	Norway lemming	kt		
MUR	Muridae	GRAY, 1821	Echte Mäuse, Langschwanzmäuse	true mice and rats	u		
AM	*Apodemus* sp.	KAUP, 1829	Waldmäuse	field mice	te		
AMag	*Apodemus agrarius*	(PALLAS, 1771)	Brandmaus	black-striped field mouse	te		
AMfl	*Apodemus flavicollis*	(MELCHIOR, 1834)	Gelbhalsmaus	yellow-necked field mouse	te		
AMsy	*Apodemus sylvaticus*	(LINNAEUS, 1758)	Waldmaus	long-tailed field mouse	te		
MOmi	*Micromys minutus*	(PALLAS, 1771)	Zwergmaus	harvest mouse	i		
MUmu	*Mus musculus*	LINNAEUS, 1758	Hausmaus	house mouse	i		
RAra	*Rattus rattus*	(LINNAEUS, 1758)	Hausratte	black rat/house rat/ship rat	te		
GLgl	*Glis glis*	LINNAEUS, 1766	Siebenschläfer	edible dormouse	te		*Myoxus glis*
EMqu	*Eliomys quercinus*	(LINNAEUS, 1758)	Gartenschläfer	garden dormouse	te		
MSav	*Muscardinus avellanarius*	(LINNAEUS, 1758)	Haselmaus	hazel dormouse/common dormouse	te		
SIbe	*Sicista betulina*	PALLAS, 1779	Waldbirkenmaus	northern birch mouse	i		*Sicista montana*
CARN	Carnivora	BOWDICH, 1821	Raubtiere	carnivores	u		
CAN	Canidae	FISCHER, 1817	Hundeartige	true dogs and foxes	u		
CA	*Canis* sp.	LINNAEUS, 1758	Hunde	true dogs	domesticated		
CAlu	*Canis lupus*	LINNAEUS, 1758	Wolf	wolf	i		
CAlufa	*Canis lupus familiaris*	LINNAEUS, 1758	Haushund	domesticated dog	i		
VUvu	*Vulpes vulpes*	(LINNAEUS, 1758)	Rotfuchs	red fox	te		
APla	*Alopex lagopus*	(LINNAEUS, 1758)	Eisfuchs	arctic fox	kt		*Vulpes lagopus*
APveVU	*Alopex* vel *Vulpes*				u		
UR	*Ursus* sp.	LINNAEUS, 1758	Echte Bären	true bears	u		
URar	*Ursus arctos*	LINNAEUS, 1758	Braunbär	brown bear	i		
URma	*Ursus maritimus*	PHIPPS, 1774	Eisbär	polar bear	kt		
URsp	*Ursus spelaeus*	ROSENMÜLLER & HEINROTH, 1793	Höhlenbär	cave bear	i	†	
LUlu	*Lutra lutra*	(LINNAEUS, 1758)	Fischotter	otter	te		
MEme	*Meles meles*	(LINNAEUS, 1758)	Dachs	badger	te		
GUgu	*Gulo gulo*	(LINNAEUS, 1758)	Vielfraß	glutton/wolverine	kt		
MA	*Martes* sp.	PINEL, 1792	Echte Marder	martens	u		
MAma	*Martes martes*	(LINNAEUS, 1758)	Baummarder/Edelmarder	pine marten	te		
MAfo	*Martes foina*	(ERXLEBEN, 1777)	Hausmarder/Steinmarder	beech marten/stone marten	i		
MT	*Mustela* sp.	LINNAEUS, 1758	Erdmarder/Stinkmarder	weasels	u		*Putorius* sp.
MTer	*Mustela erminea*	LINNAEUS, 1758	Hermelin	stoat	i		
MTni	*Mustela nivalis*	LINNAEUS, 1766	Mauswiesel	common weasel/least weasel	kt		
MTpu	*Mustela putorius*	LINNAEUS, 1758	Waldiltis/Europäischer Iltis/Iltis	European polecat/polecat	i		*Putorius putorius*
MTev	*Mustela eversmanni*	LESSON, 1827	Steppeniltis	steppe polecat	kt		*Putorius eversmanni*
COcosp	*Crocuta crocuta spelaea*	(GOLDFUSS, 1810)	Höhlenhyäne	cave hyena	i	†	*Hyaena spelaea*
FEL	Felidae	FISCHER, 1817	Katzen	cats	u		
FEsi	*Felis silvestris*	SCHREBER, 1777	Altwelt-Wildkatze	wild cat	te		
LYly	*Lynx lynx*	(LINNAEUS, 1758)	Luchs	lynx	i		*Felis lynx*
PApa	*Panthera pardus*	(LINNAEUS, 1758)	Leopard	leopard	i		
PAle	*Panthera leo*	LINNAEUS, 1758	Löwe	lion	i		

PAlesp	*Panthera leo spelaea*	(GOLDFUSS, 1810)	Höhlenlöwe	cave lion	i	†	*Felis spelaea*
MMpr	*Mammuthus primigenius*	(BLUMENBACH, 1799)	Wollhaarmammut/Mammu	woolly mammoth	kt	†	
EQ	*Equus* sp.	LINNAEUS, 1758	Pferde	horses	kt		
CDan	*Coelodonta antiquitatis*	(BLUMENBACH, 1803)	Wollhaarnashorn/Wollnashorn	woolly rhinoceros	kt	†	*Rhinoceros tichorhinus*
ARTI	Artiodactyla	OWEN, 1848	Paarhufer/Paarzeher	even-toed ungulates	u		
SUsc	*Sus scrofa*	LINNAEUS, 1758	Wildschwein	wild boar	te		
RUMI	Ruminantia	SCOPOLI, 1777	Wiederkäuer	runinants	u		
CER	Cervidae	GOLDFUSS, 1820	Hirsche	deer	u		
ALal	*Alces alces*	(LINNAEUS, 1758)	Elch	moose/elk	kf		
RGta	*Rangifer tarandus*	(LINNAEUS, 1758)	Ren/Rentier	reindeer	kt		
CLcl	*Capreolus capreolus*	LINNAEUS, 1758	Reh	roe deer	kt		
CEel	*Cervus elaphus*	LINNAEUS, 1758	Rothirsch	red deer	i		
MGgi	*Megaloceros giganteus*	(BLUMENBACH, 1803)	Riesenhirsch	giant deer	te	†	*Megaceros giganteus*
BOV	Bovidae	GRAY, 1821	Hornträger	bovids	u		
BI	*Bison* sp.	SMITH, 1827	Bisons	bisons	u		
BIbo	*Bison bonasus*	(LINNAEUS, 1758)	Wisent	European bison/wisent	te		
BIpr	*Bison priscus*	BOJANUS, 1827	Steppenbison	steppe bison	kt	†	
BO	*Bos* sp.	LINNAEUS, 1758	Rinder	cattle	u		
BOpr	*Bos primigenius*	BOJANUS, 1827	Auerochse/Ur	aurochs	te	†	
BOta	*Bos taurus*	LINNAEUS,1758	Hausrind	domesticated cattle	domesticated		
BOveBI	*Bos* vel *Bison*				u		
SAta	*Saiga tatarica*	(LINNAEUS, 1766)	Saiga	saiga antelope	kt		
CAP	Caprinae	GRAY, 1821	Böcke,/Ziegenartige	goat-antelopes	u		
OBmo	*Ovibos moschatus*	(ZIMMERMANN, 1780)	Moschusochse	musk ox	kt		*Ovibus pallantis*
RUru	*Rupicapra rupicapra*	(LINNAEUS, 1758)	Gämse/Gams	chamois	kt		
CPib	*Capra ibex*	LINNAEUS, 1758	Steinbock	ibex	kt		
OVar	*Ovis aries*	LINNAEUS, 1758	Schaf	red sheep	i		

Country ID	Country name
A	Austria
B	Belgium
CZ	Czech Republic
CH	Switzerland
D	Germany
DK	Denmark
EN	England
ESP	Spain
F	France
FRY	Former Republic of Yugoslavia
GB	Great Britain
GR	Greece
I	Italy
IRL	Ireland
LUX	Luxembourg
MOL	Republic of Moldova
NL	Netherlands
PL	Poland
ROM	Romania
SCO	Scotland
SWE	Sweden
UKR	Ucraine
WS	Wales

Province ID	Provine name
BER	Berlin
BAY	Bavaria
BB	Brandenburg
BW	Baden-Württemberg
HES	Hessen
MVP	Mecklenburg-North Pomerania
NSN	Lower Saxony
NRW	Northrhine-Westfalia
RPF	Rhineland-Palatine
SH	Schleswig-Holstein
SN	Saxony
SNA	Saxony-Anhalt
TH	Thuringia

Ecological category (climate)	Meaning
kt	cold and/or dry
kf	humid, tolerant of cold
te	temperate
i	indifferent
u	unidentified

Time slice	Intervals	GRIP intervals	Approximate cal BC	Approximate 14C BP	References
1	end of Pleniglacial	GS-2	before 12700	before 12500	Calibration curve: CalPal_2005_SFCP (Weninger et al. 2006), climate curve: GRIP δ18O_GICC05_SFCP (from CalPal version May 2006; after Rasmussen et al. 2006; Vinther et al. 2006; Shackleton et al. 2004). Correlation of the chronozones according to Litt et al. (2001).
2	Meiendorf and Oldest Dryas	GI-1e and 1d	12700-12000	12500-12000	Calibration curve: CalPal_2005_SFCP (Weninger et al. 2006), climate curve: GRIP δ18O_GICC05_SFCP (from CalPal version May 2006; after Rasmussen et al. 2006; Vinther et al. 2006; Shackleton et al. 2004). Correlation of the chronozones according to Litt et al. (2001).
3	Bølling-Allerød complex	GI-1c3, 1c2, 1c1, 1b and 1a	12000-10750	12000-10800	Calibration curve: CalPal_2005_SFCP (Weninger et al. 2006), climate curve: GRIP δ18O_GICC05_SFCP (from CalPal version May 2006; after Rasmussen et al. 2006; Vinther et al. 2006; Shackleton et al. 2004). Correlation of the chronozones according to Litt et al. (2001).
4	Younger Dryas	GS-1	10750-9600	10800-10000	Calibration curve: CalPal_2005_SFCP (Weninger et al. 2006), climate curve: GRIP δ18O_GICC05_SFCP (from CalPal version May 2006; after Rasmussen et al. 2006; Vinther et al. 2006; Shackleton et al. 2004). Correlation of the chronozones according to Litt et al. (2001).
5	Preboreal and Boreal	Holocene (Preboreal and Boreal)	9600-7000	10000-8000	Calibration curve: CalPal_2005_SFCP (Weninger et al. 2006), climate curve: GRIP δ18O_GICC05_SFCP (from CalPal version May 2006; after Rasmussen et al. 2006; Vinther et al. 2006; Shackleton et al. 2004). Correlation of the chronozones according to Litt et al. (2001).
0	cannot be determined				

Color	Meaning
	uncertainty according to respective author(s)
	information received from the INQUA Radiocarbon Palaeolithic Europe v6 Database (Vermeersch 2006)
	information received from the Eurofauna Database (Benecke 1999)
	unpublished information from the archives of the Zoological Museum Copenhagen (ZMUC)
coordinates in red	derived from figures in publications