

Revisiting Early Medieval Chronologies: Radiocarbon dates reveal the origins and history of the Carolingian-age Great Moravian hillforts

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Supplementary table S1

Site	Sample Lab. No.	Age 14C BP	Sample Cat. No.	Description	Type	Lab	Year of analyse	Literature (see Supplementary Material 2)	Remark	Remark
Bojna I Valy										
	ERL-11581	3535,43	10/07	W-wall, chamber earth filling, burnt plum stone	charcoal	C14 Labor, Erlangen	2008	Henning & Ruttkey 2011	possible traces of prehistoric activities	published as confidence interval
	MKL-1420	1290,60	60/10	W-wall, basketwork near little stone wall	charcoal	LDB/AGH, Cracow	2012	Pieta & Robak 2017b		
	MKL-1422	1290,80	78/11	W-wall, "tower", horizontal joist	charcoal	LDB/AGH, Cracow	2012	Pieta & Robak 2017b		
	MKL-1423	1200,30	80/11	W-wall, "tower", horizontal joist	charcoal	LDB/AGH, Cracow	2012	Pieta & Robak 2017b		
	MKL-1428	1170,30	54/10	W-wall	charcoal	LDB/AGH, Cracow	2012	Pieta & Robak 2017b		
	MKL-2873	1160,50	17/14	W-wall	charcoal	LDB/AGH, Cracow	2016	Pieta & Robak 2017b		
	MKL-1424	1150,40	53/10	W-wall, horizontal element	charcoal	LDB/AGH, Cracow	2012	Pieta & Robak 2017b		
	MKL-2877	1080,70	38/14	W-wall, little stone wall, charcoal	charcoal	LDB/AGH, Cracow	2016	Pieta & Robak 2017b		
	MKL-2871	1070,50	13/14	W-wall, N-profile	charcoal	LDB/AGH, Cracow	2016	Pieta & Robak 2017b		
	MKL-2870	1020,35	12/14	W-wall, S-profile, basketwork destruction	charcoal	LDB/AGH, Cracow	2016	Pieta & Robak 2017b		
	ERL-12093	1191,43	3/08-2	E-wall, trench 1, pole 3	charcoal	C14 Labor, Erlangen	2008	Henning & Ruttkey 2011		published as confidence interval
	MKL-255	1190,40	108/08	E-wall, pole 1, context 63	charcoal	LDB/AGH, Cracow	2010	Pieta & Robak 2017b		
	ERL-12092	1144,44	3/08-1	E-wall, trench 1, pole 1	charcoal	C14 Labor, Erlangen	2008	Henning & Ruttkey 2011		published as confidence interval
	ERL-10606	1127,31	2/07	E-gate, N-profile, basketwork	charcoal	C14 Labor, Erlangen	2007	Henning & Ruttkey 2011		published as confidence interval
	MKL-1704	1080,40	27/12	E-gate, trench XX, pole from outer face	charcoal	LDB/AGH, Cracow	2013	Pieta & Robak 2017b		
	MKL-1703	1020,60	24/12	E-gate, trench XIX, layer 3	charcoal	LDB/AGH, Cracow	2013	Pieta & Robak 2017b		
	MKL-2875	2670,450	31/14	hillfort, sunken house 9, area 9, trench XXXIII/b, context 68	charcoal	LDB/AGH, Cracow	2016	unpublished	possible traces of prehistoric activities	
	Poz-172286	1400,30	6/22	hillfort, pit, area 8, charcoal	charcoal	PRL, Poznan	2024	unpublished		
	MKL-2876	1370,90	33/14	hillfort, sunken house 9, trench XXXIII/b, context 68, oven	charcoal	LDB/AGH, Cracow	2016	Pieta & Robak 2017b		
	MKL-1425	1290,40	88/08	hillfort, sunken house 1, context 261, area 3, furnace	charcoal	LDB/AGH, Cracow	2012	Pieta & Robak 2017b		
	MKL-1429	1280,80	12/10	hillfort, sunken house 6, context 51, area 10	charcoal	LDB/AGH, Cracow	2012	Pieta & Robak 2017b		
	ERL-14314	1261,42	10/09	hillfort, sunken house 5, context 207, area 7, animal tooth	tooth	C14 Labor, Erlangen	2010	Henning & Ruttkey 2011		published as confidence interval
	POZ-3	1260,30	170/07	hillfort, feat. 5, pit, area 3, context 93, grain	charcoal	PRL, Poznan	2021	unpublished		

[illegible]

	MKL-1702	5130,90	33/11	Mound 1, trench 1, cultural layer under mound	charcoal	LDB/AGH, Cracow	2013	unpublished	possible traces of prehistoric activities	
	Poz-16305/20/12	2725,30	1/18	SE-wall, trench IX-b, inner moat, charcoal scrap	charcoal	PRL, Poznan	2020	unpublished	possible traces of prehistoric activities	
	MKL-2867	1650,40	1/15	NW-wall, vertical charcoal part, trench XIVb	charcoal	LDB/AGH, Cracow	2016	Pieta et al. 2020		
	Poz-186595	1610,30	6/11	trench 8, S-wall, context 66	charcoal	PRL, Poznan	2024	unpublished		
	Poz-186596	1545,30	1/12	Mound 2, trench 3, context 11, original humus under mound (walking level)	charcoal	PRL, Poznan	2024	unpublished		
	Poz-186694	1470,30	5/11	trench 8, S-wall, context 63, pottery concentration	charcoal	PRL, Poznan	2024	unpublished		
	Poz-187748	1330,30	25/11	Mound 2, trench 1, grave pit , deep 190	animal bone	PRL, Poznan	2024	unpublished	0.9%N 4.6%C, 4.4%coll	
	Poz-187749	1280,30	36/10	Mound 1, base, bones	animal bone	PRL, Poznan	2024	unpublished	0.7%N, 4.3%C, 2.8%coll	
	Poz-187750	1325,30	1/33/10	Mound 1, base, bones	animal bone	PRL, Poznan	2024	unpublished	0.7%N, 4%C, 0.3%coll	
	Poz-22373/24	1265,30	2/33/10	Mound 1, base, bones	animal bone	PRL, Poznan	2024	unpublished	1.3%N, 5.1%C, 3.5%coll	
	Poz-187786	1235,30	37/10	Mound 1, base, bones	animal bone	PRL, Poznan	2024	unpublished	0.6%N, 6.1%C, 3.4%coll	
	MKL-1418	1210,30	12/11	Mound 1, trench 2, context 48, burnt wood from funeral pyre	charcoal	LDB/AGH, Cracow	2012	unpublished		
	MKL-1421	1210,30	35/11	Mound 1, trench 2/3 control block, context 48, burnt wood from funeral pyre	charcoal	LDB/AGH, Cracow	2012	unpublished	Rcomb 1208,18	
	Poz-186683	1205,30	1/11	Mound 1, trench 4/2-2a, context 55 (same as 48)	charcoal	PRL, Poznan	2024	unpublished		
	MKL-1419	1190,30	4/11	Mound 2, trench 1, context 4, burnt board over the grave pit	charcoal	LDB/AGH, Cracow	2012	unpublished		
	MKL-1430	970,80	25/11	Mound 2, trench 1, context 38, coffin, touchwood, not burnt	wood	LDB/AGH, Cracow	2012	unpublished	touchwood overgrown with roots	X-Test fails at 5%
	MKL-1701	710,70	21/11	Mound 2, trench 1, context 38, coffin, touchwood, not burnt	wood	LDB/AGH, Cracow	2013	unpublished	touchwood overgrown with roots	X-Test fails at 5%
	Poz-186685	1195,30	2/12	Trench 20, ditch, context 5, deep 50 cm	charcoal	PRL, Poznan	2024	unpublished		
Bojna IV										
	Poz-16305/20/13	1525,30	1/19	charcoal scrap in wall	charcoal	PRL, Poznan	2020	Pieta & Robak 2023c		
Bojna VI	Poz-172257	10150,60	1/23	Trench 1, smelting furnace, slag concentration	charcoal	PRL, Poznan	2024	unpublished	failed analysis	
	Poz-172271	1165,30	8/23 (1)	Trench 1, smelting furnace, slag concentration	slag	PRL, Poznan	2024	unpublished	0.6mg C	X-Test fails at 5%
	Poz-172245	1015,30	8/23 (2)	Trench 1, smelting furnace, slag concentration	slag	PRL, Poznan	2024	unpublished	0.5mg C	X-Test fails at 5%
	POZ-4	1225,30	94/21	Barrow 1, grave pit, wooden stab, deep 220 cm	charcoal	PRL, Poznan	2021	Pieta & Jakubcinova 2024		published as confidence interval
	Poz-172285	1230,30	34/23	Trench 2, grave 6, pottery concentration	charcoal	PRL, Poznan	2024	unpublished		
	Poz-20138/22/4	1120,30	44/22	Barrow 3, grave pit	human bone	PRL, Poznan	2022	unpublished	0%N, 0.8%C	

