

Online Resource No. 1 – Supplementary material to: “Life and death in the medieval mining centre of Kutná Hora - reconstructing diets during the recurrent mortality crises of the 14th century AD (Czechia)”

for Archaeological and Anthropological Sciences

by Sylva Drtikolová Kaupová, Jan Frolík, Petr Velemínský, Filip Velímský, Zdeněk Vytlačil, Hana Brzobohatá

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Table S1 Complete bone isotopic data

No. Skeleton	Sample ID	Sampled bone	Age (years)	Sex*	Type of the grave	Collagen yield (mg/g)	Carbon Content (%)	Nitrogen Content (%)	C:N	$\delta^{13}\text{C}_{\text{V-PDB}}$ (‰)	$\delta^{15}\text{N}_{\text{AIR}}$ (‰)
5	KHM 5	rib	30-50	Male	Regular	86.3	40.7	15.3	3.1	-19.7	13.3
6	KHM 6	rib	20-30	Male	Regular	40.8	36.7	13.9	3.1	-19.3	12.5
12	KHM 12	rib	40-60	Female	Regular	195.5	45.0	17.0	3.1	-19.2	12.6
15	KHM 15	rib	30-50	Female	Regular	135.6	41.3	15.6	3.1	-19.4	11.6
21	KHM 21	rib	30-50	Female	Regular	48.0	37.4	13.9	3.1	-19.4	12.2
24	KHR 24	rib	20-30	Male	Regular	27.5	39.0	14.2	3.2	-19.5	11.7
80	KHR 80	rib	20-30	Female	Regular	75.3	40.1	15.0	3.1	-19.5	12.6
84	KHR 84	rib	20-25	Male	Regular	163.4	36.9	13.9	3.1	-19.2	12.4
96	KHM 96	rib	30-50	Female	Plague	148.0	41.9	15.6	3.1	-19.1	12.3
97	KHM 97	rib	30-50	Female	Plague	206.7	44.5	16.7	3.1	-19.5	10.7
118	KHR 118	rib	20-30	Female	Regular	97.4	41.5	15.7	3.1	-19.1	12.5
123	KHM 123	rib	40-60	Female	Plague	191.0	41.2	15.4	3.1	-19.2	13.1
161	KHM 161	rib	20-30	Male	Plague	144.5	43.4	16.3	3.1	-19.3	12.3
162	KHM 162	rib	6-9	ND	Plague	195.0	40.6	15.2	3.1	-19.7	11.9
170	KHM 170	rib	20-30	Male	Plague	169.4	40.7	15.3	3.1	-19.2	12.1
171	KHM 171	rib	20-30	Female	Plague	161.1	44.0	16.6	3.1	-19.0	12.7
172	KHM 172	rib	20-30	Female	Plague	194.5	43.9	16.6	3.1	-19.2	12.3
182	KHM 182	rib	50+	Female	Plague	72.8	40.2	15.1	3.1	-19.1	12.1
185	KHM 185	rib	3-5	ND	Plague	160.1	41.1	15.4	3.1	-19.3	12.1
197	KHR 197	rib	20-30	Male	Regular	144.1	42.7	16.1	3.1	-19.4	11.8
212	KHM 212	rib	30-50	Female	Plague	193.2	43.9	16.5	3.1	-18.9	13.0
213	KHM 213	rib	30-50	Male	Plague	215.4	42.6	15.4	3.2	-19.5	12.2
218	KHM 218	rib	20-30	Female	Plague	59.9	40.5	15.0	3.1	-19.0	11.8
225	KHM 225	rib	6-9	ND	Plague	167.2	41.7	15.6	3.1	-19.2	11.8
227	KHM 227	rib	30-50	Male	Plague	140.1	41.3	15.5	3.1	-19.0	13.1
231	KHR 231	rib	20-30	Male	Regular	50.2	37.8	14.1	3.1	-19.3	11.4
232	KHM 232	rib	20-30	Male	Plague	149.7	41.8	16.0	3.0	-19.8	11.1

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238	KHM 238	rib	30-50	Female	Plague	163.4	43.9	16.7	3.1	-19.1	12.5
240	KHM 240	rib	4-6	ND	Plague	165.4	39.6	14.9	3.1	-19.3	12.0
253	KHM 253	rib	50+	Female	Plague	142.9	41.2	15.6	3.1	-19.1	12.2
301	KHR 301	rib	20-30	Male	Regular	31.0	37.3	13.9	3.1	-19.3	12.3
321	KHR 321	rib	20-30	Female	Regular	178.6	43.2	16.4	3.1	-19.2	12.5
334	KHR 334	rib	20-30	Male	Regular	113.9	41.7	15.8	3.1	-19.0	12.1
341	KHR 341	rib	20-25	Female	Regular	102.1	42.4	15.9	3.1	-19.3	12.6
344	KHR 344	rib	20-30	Male	Regular	113.9	41.9	15.8	3.1	-19.9	12.0
367	KHR367	rib	20-30	Female	Regular	147.6	39.9	15.0	3.1	-19.0	13.1
373	KHR 373	rib	20-30	Female	Regular	45.7	35.5	12.9	3.2	-19.5	12.4
418	KHR 418	rib	4-6	ND	Regular	212.9	42.1	16.1	3.1	-19.6	11.7
425	KHR 425	rib	9-12	ND	Regular	102.9	39.4	15.0	3.1	-20.2	9.8
442	KHR 442	rib	4-6	ND	Regular	175.3	44.2	16.8	3.1	-19.4	10.9
452	KHR 452	rib	20-30	Male	Regular	31.9	36.7	13.6	3.2	-19.2	12.6
465	KHR 465	rib	20-30	Male	Regular	47.4	40.2	14.8	3.2	-19.1	13.1
473	KHR 473	rib	14-17	ND	Regular	159.6	44.9	17.0	3.1	-19.1	12.6
497	KHR 497	rib	20-30	Female	Regular	25.0	39.2	14.5	3.2	-19.1	13.0
504	KHM 504	rib	6-9	ND	Plague	92.5	38.4	14.6	3.1	-19.5	12.2
550	KHR 550	rib	20-30	Male	Regular	39.0	40.3	14.4	3.3	-19.7	13.2
557	KHM 557	rib	20-25	Female	Plague	64.9	40.1	15.0	3.1	-19.2	11.9
565	KHM 565	rib	20-30	Female	Plague	47.4	39.7	14.7	3.1	-18.8	12.9
589	KHM 589	rib	20-30	Male	Plague	95.5	40.4	15.0	3.1	-19.8	10.5
642	KHM 642	rib	40-60	Male	Plague	184.2	43.7	16.3	3.1	-19.3	11.8
662	KHR 662	rib	8-11	ND	Regular	118.8	42.2	15.9	3.1	-19.3	12.3
714	KHR 714	rib	20-30	Female	Regular	175.8	42.8	15.9	3.1	-19.2	12.5
734	KHH 734	rib	20-50	ND	Famine	52.2	40.6	15.3	3.1	-19.1	12.5
768	KHM 768	rib	30-50	Male	Plague	44.1	39.8	14.7	3.2	-19.5	11.9
800	KHH 800	rib	25-50	Female	Famine	57.8	41.7	15.6	3.1	-19.4	11.3

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812	KHM 812	rib	20-30	Male	Plague	155.7	42.6	15.9	3.1	-18.7	11.8
814	KHM 814	rib	20-25	Male	Plague	77.1	41.8	15.7	3.1	-19.3	10.9
815	KHM 815	rib	30-50	Male	Plague	221.3	44.6	16.9	3.1	-18.9	12.3
819	KHH 819	rib	6-8	ND	Famine	182.5	43.1	16.3	3.1	-19.5	11.4
820	KHH 820	vertebra	40-60	Male	Famine	183.3	41.7	15.6	3.1	-19.3	12.2
824	KHM 824	rib	50+	Female	Famine	196.5	40.9	15.5	3.1	-19.5	11.5
834	KHM 834	rib	20-30	Male	Plague	68.3	40.2	15.2	3.1	-19.2	10.7
843	KHM 843	rib	25-40	Male	Plague	187.6	43.5	16.4	3.1	-19.2	12.9
846	KHR 846	rib	7-9	ND	Regular	141.0	42.3	15.9	3.1	-19.4	11.9
854	KHR 854	rib	7-9	ND	Regular	95.0	39.9	15.1	3.1	-19.2	11.8
859	KHH 859	rib	12-14	ND	Famine	134.2	42.8	16.1	3.1	-19.1	12.0
867	KHM 867	rib	20-30	Male	Plague	227.7	46.0	17.4	3.1	-19.2	12.1
869	KHH 869	rib	30-50	Female	Famine	130.6	44.1	16.3	3.1	-19.4	11.8
904	KHH 904	rib	25-40	Male	Famine	207.9	45.1	16.9	3.1	-18.5	12.2
919	KHR 919	rib	20-30	Female	Regular	27.9	39.5	14.5	3.2	-19.1	11.7
1035	KHR 1035	rib	12-14	ND	Regular	110.5	41.5	15.6	3.1	-19.5	11.7
1297	KHM 1297	rib	30-50	Male	Famine	67.7	33.6	12.5	3.1	-19.2	12.2
1299	KHR 1299	rib	4-6	ND	Regular	168.1	43.8	16.4	3.1	-19.8	11.7
1310	KHH 1310	rib	40-60	Female	Famine	74.2	35.3	13.2	3.1	-19.3	12.5
1311	KHH 1311	metatarsal	30-50	Female	Famine	28.5	39.4	14.4	3.2	-19.8	11.7
1313	KHH 1313	rib	15-17	Male	Famine	67.8	38.7	14.5	3.1	-19.1	10.0
1316	KHH 1316	metatarsal	Adult	ND	Famine	91.4	42.2	15.7	3.1	-19.6	11.2
1318	KHM 1318	rib	6-8	ND	Plague	46.2	27.8	10.3	3.1	-19.6	11.0
1321	KHH 1321	rib	7-10	ND	Famine	58.7	40.6	15.1	3.1	-19.5	11.5
1324	KHH 1324	rib	15-17	Male	Famine	51.4	39.3	14.5	3.1	-19.0	12.3
1325	KHH 1325	rib	30-50	Male	Famine	61.4	35.6	13.2	3.1	-19.3	11.3
1346	KHH 1346	rib	20-30	Male	Famine	121.0	44.1	16.5	3.1	-19.7	12.3
1347	KHH 1347	rib	15-17	Male	Famine	58.3	40.5	15.0	3.1	-19.2	12.0

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1348	KHH 1348	rib	20-25	Male	Famine	67.0	40.7	15.1	3.1	-19.3	11.7
1349	KHH 1349	rib	15-16	Male	Famine	98.4	41.1	15.3	3.1	-19.0	11.9
1350	KHH 1350	rib	15-17	Male	Famine	35.4	35.8	13.0	3.2	-19.7	11.4
1352	KHM 1352	rib	30-50	Male	Plague	35.8	37.6	14.0	3.1	-19.3	11.3
1355	KHH 1355	rib	17-19	Male	Famine	41.4	32.6	12.3	3.1	-19.2	11.7
1356	KHM 1356	rib	30-50	Male	Plague	81.3	40.4	15.1	3.1	-19.2	12.1
1362	KHH 1362	rib	Adult	ND	Famine	51.4	35.3	13.4	3.1	-19.2	10.2
1363	KHH 1363	rib	10-12	ND	Famine	41.4	36.1	13.5	3.1	-19.7	11.1
1364	KHH 1364	rib	40-60	Male	Famine	69.5	41.6	15.6	3.1	-19.1	12.8
1365	KHH 1365	rib	3-4	ND	Famine	140.8	41.8	15.6	3.1	-19.4	11.2
1373	KHM 1373	rib	17-22	Male	Plague	34.2	36.1	13.5	3.1	-18.8	12.6
1380	KHM 1380	rib	20-25	Female	Plague	167.0	43.3	16.2	3.1	-19.7	11.1
1394	KHM 1394	rib	7-10	ND	Plague	168.3	41.9	15.6	3.1	-19.5	12.2
1425	KHM 1425	rib	50+	Female	Plague	179.8	41.1	15.4	3.1	-19.3	12.3
1443	KHH 1443	rib	20-25	Male	Famine	59.7	36.6	13.7	3.1	-18.8	13.4
1452	KHH 1452	rib	18-22	Male	Famine	93.1	42.5	16.0	3.1	-19.3	10.4
1458	KHM 1458	rib	4-6	ND	Plague	202.3	43.4	16.4	3.1	-19.4	12.2
1461	KHH 1461	rib	40-60	ND	Famine	149.4	42.5	15.8	3.1	-19.1	13.2
1462	KHH 1462	rib	20-30	Male	Famine	185.9	44.8	16.9	3.1	-19.1	11.5
1465	KHH 1465	rib	20-30	Female	Plague	118.9	42.1	15.8	3.1	-19.4	12.2
1476	KHR 1476	rib	7-10	ND	Regular	134.6	41.9	15.7	3.1	-19.2	11.8
1481	KHH 1481	rib	1,5-2	ND	Famine	52.8	36.9	13.8	3.1	-18.9	13.1
1492	KHR1492	rib	14-17	ND	Regular	128.0	42.8	16.2	3.1	-19.4	12.4
1500	KHR 1500	rib	20-30	Male	Regular	48.2	41.2	15.4	3.1	-19.0	12.4
1505	KHR 1505	rib	20-30	Female	Regular	71.0	40.3	15.0	3.1	-19.2	12.0
1589	KHR 1589	rib	20-30	Female	Regular	60.4	37.3	13.8	3.2	-19.2	12.3
1621	KHM 1621	rib	3-4	ND	Plague	106.6	41.5	15.6	3.1	-19.1	13.1
1622	KHM 1622	rib	7-10	ND	Plague	129.6	41.8	15.7	3.1	-19.4	10.9

*ND = undetermined sex