H11 Newsletter

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1. Project Statistics:

Combined GEDCOMs Uploaded	49
DISTINCT mtDNA Haplogroups	17
Family Finder	276
Maternal Ancestor Information	314
mtDNA	350
mtDNA Full Sequence	341
mtDNA Plus	347
mtDNA Subgroups	22
Total Members	373
Unreturned Kits	15

2. New Members

There are twenty three new members with mtDNA results. Of these there are 13 for whom I do not have results that I can read which

would let me add them to the subclades. The 10 new members for whom I can read results have been added to the respective subclade but there is an issue with two kits and not being able to move them to their respective subclade. Hopefully that will resolve soon..

3. H11 in the News

The Genetic History of Northern Europe. Alissa Mittnik et al : https://www.biorxiv.org/content/biorxiv/early/2017/03/03/113241.full.pdf

Table 1.

Extended Data Table 1. Information on ancient samples for which we report nuclear data in this study.

Sample Name	nuclear data produced by	95.4% CI calibrated radiocarbon age (calBCE/y contextual dating (BCE)	Population label	Site location	Latitude	Longitude	Genetic Sex	SNPs overlapping 1240k set	Average coverage on 1240k SNPs	mtDNA haplogroup	Y haplogroup
Uzo077	1240k	5500-5000 BCE	EHG	Yuzhnyy Oleni Ostrov, Archangelsk, Russia	62.05	35.36	F	509212	0.733	R1b	
Popovo2	1240k	5500-5000 BCE	EHG	Popovo, Archangelsk, Russia	61.26	38.91	M	68042	0.054	U4d	
Spiginas4	1240k	6440-6230 calBCE	Kunda	Spiginas, Lithuania	55.77	22.42	F	663885	1.122	U4e2	
Spiginas1	1240k	4440-4240 calBCE	Narva	Spiginas, Lithuania	55.77	22.42	M	962584	6.106	H11a	I2a1a2a1a
Donkalnis5	1240k	4720-4530 calBCE	Narva	Donkalnis, Lithuania	55.81	22.42	F	933997	6.030	U5e2a	
Kretuonas4	1240k	5500/5300-3100/2900 BCE	Narva	Kretuonas 18, Lithuania	55.26	26.10	F	993319	8.792	U5b1b1a	
Kretuonas2	1240k	5500/5300-3100/2900 BCE	Narva	Kretuonas 18, Lithuania	55.26	26.10	M	634269	1.282	U5b2b	I2a1b
Sextorp5158	1240k	3625-3371 calBCE	EN_TRB	Kvärlöv, Sextorp, Skåne, Sweden	55.84	12.97	F	40083	0.038	H	
Sextorp5164	1240k	3945-3647 calBCE	EN_TRB	Kvärlöv, Sextorp, Skåne, Sweden	55.84	12.97	F	370367	0.587	T2b	
Kunila2	Shotgun	2580-2340 calBCE	Baltic_LN	Kunila, Estonia	58.33	26.15	M	382562	0.455	J1c3	R1a1a1
Gyvakarai1	Shotgun	2620-2470 calBCE	Baltic_LN	Gyvakarai, Lithuania	55.92	24.91	M	1122796	7.098	K1b2a	R1a1a1b
Spiginas2	1240k	2130-1750 calBCE	Baltic_LN	Spiginas, Lithuania	55.77	22.42	M	870598	3.164	I4a	R1a1a1b
Plinkaigalis242	1240k	3260-2630 calBCE	Baltic_LN	Plinkaigalis, Lithuania	55.41	23.65	F	861862	2.574	W6a	
Plinkaigalis241	1240k	2860-2410 calBCE	Baltic_LN	Plinkaigalis, Lithuania	55.41	23.65	F	190225	0.213	I2	
Oleund	1240k	2573-2140 calBCE	Oleund	Öleund, Hälsingland, Sweden	61.66	17.00	M	674610	2.225	U4c2a	R1a1a1b
Turlojakis3	1240k	1010-800 calBCE	Baltic_BA	Turlojakis II, Lithuania	54.36	23.33	M	471779	0.671	H4a1a1a3	R1a1a1b
Kivutkalns19	1240k	730-400 calBCE	Baltic_BA	Kivutkalns, Latvia	56.85	24.27	M	896471	5.760	H10a	R1a1a1b
Kivutkalns25	1240k	800-545 calBCE	Baltic_BA	Kivutkalns, Latvia	56.85	24.27	M	682042	1.569	H28a	R1a1a1b
Kivutkalns42	1240k	810-560 calBCE	Baltic_BA	Kivutkalns, Latvia	56.85	24.27	F	585203	1.102	H1b1	
Kivutkalns194	1240k	800-545 calBCE	Baltic_BA	Kivutkalns, Latvia	56.85	24.27	M	130958	0.152	T1a1b	R1a1a
Kivutkalns207	1240k	730-390 calBCE	Baltic_BA	Kivutkalns, Latvia	56.85	24.27	F	915334	7.212	H1b2	
Kivutkalns209	1240k	405-230 calBCE	Baltic_BA	Kivutkalns, Latvia	56.85	24.27	M	807138	2.240	J1b1a1	R1a1a
Kivutkalns215	1240k	790-535 calBCE	Baltic_BA	Kivutkalns, Latvia	56.85	24.27	F	850417	2.735	H1c	
Kivutkalns222	1240k	805-515 calBCE	Baltic_BA	Kivutkalns, Latvia	56.85	24.27	M	641886	1.278	U5a1c1	R1a1

H11a can be seen as the fourth sample and the location of the sample is Lithuania. The yearly summary will be posted in the Newsletter published 1st of February 2021 (Volume 5 Issue 1). I think that if time permits I will produce a map showing numbers in the various countries as listed by the individuals testing. For a number of kits I do not have the furtherest back ancestor either because it is not in the kit or because I am not permitted to look at the furtherest back ancestor. If you do make these changes to your kit please do let me know and that could be just a post to the website or to my email address (kippeeb@rogers.com).

4. **Thoughts of the Editor**

   As I continue to work on Project H11, I am becoming more and more convinced that H11 located in the Ukraina Refuge during the last glacial maximum 15,000 years ago as people retreated to safe places during this expansion of ice over Europe. Using the suspected location of the Ukraina Refuge you can see the trails of H11 as this haplogroup moved across Europe (Germany, France, British Isles, Greece, Spain and Denmark, etc) and Scandinavia (Norway, Sweden, and Finland) and across present day Russia and the old Republics of the Union of Socialist Soviet Republics now Poland, Ukraine, Belarus, Lithuania, Latvia, Estonia, Georgia, Ossettia etc. When I took this project on there were few of us in Haplogroup H11 and its expansion has been phenomenal given that H11 represents only 1-2% of H haplogroup.

   Your comments are always welcomed and please feel free to send me items to put into the newsletter. Depending on the topic, I will add them as Reader's notes.

Any submissions to this newsletter can be submitted to Elizabeth Kipp (kippeeb@rogers.com).