H11 Newsletter

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- **1. Project Statistics:**

| Combined GEDCOMs Uploaded | 49 |
|--------------------------------------|-----|
| DISTINCT mtDNA Haplogroups | 18 |
| Family Finder | 332 |
| Maternal Ancestor Information | 385 |
| mtDNA | 436 |
| mtDNA Full Sequence | 429 |
| mtDNA Plus | 434 |
| mtDNA Subgroups | 24 |
| Total Members | 475 |
| Unreturned Kits | 18 |

There are twenty two new members since I last sorted the kits into their subclades. I will also be checking anyone that I placed into the "can not be assigned to a subclade while private" to check and see if I can now see the complete results (although the result may have been assigned to a subclade by FT DNA); I have been creating new subclades where it appears reasonable and of value to the reader. This material is only received by the members of the website. They are anonymized and no information is available other than the country of origin that is listed by the account holder.

I had considered going through all the kits once again to look at the ancestor's furtherest back location but my eyes can only do so much at the moment. My cataract surgery sometime this year hopefully should improve that and next year and I can once again go through the kits but with over 400 it is a long task. If you wish to let me know that you have changed your ancestral location that would also work for next year.

The Newsletters will be published for this one issue and if there are any interesting studies or thoughts about H11 I will produce other issues through the year but not on the time scale as before. Since this study represents a small portion of the total number of H11 people tested I do think that the haplotree in each individual project does supply quite a bit of information.

2. H11 Subclades – FT DNA mtDNA haplotree:



3. Subclades of H11 – Breakdown of subclades locations With each person's account you can see the subclades that are below. There is limited advantage to do this breakdown with the current tree but it is interesting to record it within this study. There are 51 kits that can not be used in the study because there are either inaccessible to me or the individual has not completed full testing.

H11 – 17 members, 3 – North Western Europe (Ireland), 5 – Central Europe (Croatia, Slovakia, Denmark, Germany, The Netherlands), 2 – Scandinavia (Finland, Sweden), 1 – Southern Europe (Spain), 3 – Eastern Europe (Poland), 3 – Unknown.

H11-16354T (the subset below also has this mutation noting the similar location for the known individuals) – 3 members, 1 – North Western Europe (Scotland), 2 – Western Europe (France).

H11-499A-9000G-16354T – 10 members, 1 member has only 499A mutation – Unknown, 1 member has 499A and 9000G mutations – Unknown, 8 members have all three mutations – 1 – North Western Europe (England), 6 - Unknown.

H11-93G-6723A – 8 members, 2 members have just the 93G mutation – 1 – Scandinavia (Sweden), 1 – Eastern Europe (Turkey); 6 members have both mutations – 1 – Scandinavia (Sweden), 2 – North Western Europe (England and unknown) and 3 – Eastern Europe (Estonia, Hungary, Ukraine).

H11a – 78 members, 11 – Central Europe (Croatia, Germany (9), Netherlands, 12 – Eastern Europe (Estonia, Hungary, Lithuania (2), Poland (3), Ukraine (3), Romania, Russia), 4 – Western Europe (France (4)), 12 – North Western Europe (England (3), Ireland (6), Scotland, UK (2)), 1 – Southern Europe (Italy), 11 – Scandinavia (Finland (5), Norway (3), Sweden (3)), 27 – Unknown.

H11a-14325C 16090Y– 5 members, 2 members have only the 14325C mutation – 1 – W Europe (France), 1 – Unknown 1 member has only the 16090Y mutation – Central Europe (Croatia), 2 members have both mutations - North Western Europe (England).

H11a-16137C – 2 members, 1 – NW Europe (Ireland), 1 - Unknown.

H11a-16189C – 2 members, 1 - Central Europe (Czech-Slovak), 1 – Unknown .

H11a-207A – 4 members, 1 – West Europe (France), 1 – North Western Europe (England), 2 – Unknown.

H11a-4056T – 7 members, 6 – Scandinavia (Finland (1), Sweden (6))

H11a-523.1C, 523.2A – 3 members – all Unknown.

H11a-5515G - 2 members, 2 - Unknown.

H11a-7278C-8227C – 4 members, 2 – North Western Europe (England), 2 – Unknown.

H11a-T152C! – 14 members, 4 – Central Europe (Germany (3), The Netherlands (1)), 6 – North Western Europe (England (3), Ireland, Scotland, United Kingdom, 4 – Scandinavia (Norway (3), Sweden).

H11a-73G – 2 members (Eastern Europe (Russia)).

H11a1 – 35 members, 9 – Central Europe (Austria, Czech Republic, Germany (4), Poland, Serbia, Slovenia), 16 – Eastern Europe

(Estonia, Hungary, Lithuania, Poland (5), Russia (7), Ukraine), 1 – Southern Europe (Spain), 7 – Scandinavia (Finland (5), Sweden)), 1 – Unknown.

H11a1-1343G – 3 members, 1 – Central Europe (Serbia), 1 – Eastern Europe (Poland), 1-Unknown.

H11a1-143A-7906T – 5 members, 1 member has only the 143A mutation - North Western Europe (Scotland), 1 member has only the 7906T mutation – Scandinavia (Sweden), 3 members have both mutations – North Western Europe (Ireland (2), Scotland).

H11a1-146C – 37 members, 2 – Central Europe (Germany), 2 – Eastern Europe (Russia), 30 – Scandinavia (Finland (23), Norway, Sweden (6)), 3 – Unknown.

H11a1-146C-15355A – 2 members, 1 – Scandinavia (Finland), 1 – Unknown. This subclade is really part of the H11a1-146C in that there is simply one additional mutation placing it beneath the H11a1-146C but part of it.

The next three groups under H11a1 may also belong together or it is just coincidental that one individual has both mutations.

H11a1-16209C – 4 members, 3 – Eastern Europe (Hungary (2), Ukraine), 1 – Unknown.

H11a1-16224C – 7 members, 1 – Eastern Europe (Estonia), 3 – Scandinavia (Finland (2), Sweden), 2 – Central Europe (Germany, Slovakia) and 1 unknown.

H11a1-16209C-16224C - 1 member - Unknown

H11a1-16299G - 3 members, 3 - unknown.

H11a1-198T-5295A-12084T-15790T – 7 members. Two of the members have only the 198T mutation, 1 – North Western Europe (England), 1 – Scandinavia (Sweden). The four members of the group having all mutations are from Scandinavia (Sweden). The seventh member does not have the 198T mutation but has the other three mutations (Scandinavia (Sweden)).

H11a2 – 12 members, 2 – North Western Europe (England, Scotland), 1 – Central Europe (Germany), 1 – Scandinavia (Norway), 2 – Eastern Europe (Poland, Russia), 1 – South Eastern Europe (Macedonia), 5 – Unknown.

H11a2-16092Y – 3 members, 1 – Scandinavia (Sweden), 1 – Central Europe (Germany), 1 – Southern Europe (Albania).

H11a2-16261T – 3 members, 2 – Scandinavia (Finland), 1 – North Western Europe (England).

H11a2-6854T – 3 members, 3 – Southern Europe (Italy, Romania, Greece).

The next three sets of data are intertwined somewhat although the single member of the T16092C group represents the furtherest back in the subsequent mutations of this particular group). There are two descendant groups following the H11a-T16092C group below.

H11a2-T16092C – 1 member – Central Europe (Croatia).

H11a2-16092C-9150G-12651A-14476C – 4 members, 3 – Eastern Europe (Hungary), 1 – Southern Europe (Greece). H11a2-16092C-16261T – 3 members, 3 – Scandinavia (Finland).

H11a2a – 13 members, 1 – Eastern Europe (Russia), 2 – Central Europe (Germany, The Netherlands), 1 – North Western Europe (England), 9 – Unknown.

H11a2a-522-,523-,7313T – 4 members. One member has only the 7313T mutation – Unknown. The other members – 2 – North Western Europe (England), 1 – Unknown.

H11a2a-523.1C-523.2A-5460A – 7 members. 3 members are missing or have reverted the 5460A mutation – 2 – Scandinavia (Finland, Sweden), - 1 North Western Europe (England). The other 4 with all mutations are from Scandinavia (Sweden).

H11a2a-5252A-6992G-16129A – 3 members, 3 – Unknown. Although one of the three has a family history of Scot Irish (i.e. Northern Ireland)

H11a2a1 – 12 members, 6 – North Western Europe (England, Ireland (2), N Ireland, Scotland (2)), 6 – Unknown.

The following group is interesting and since I am a member of it I will add a few words. This appears to be a British Isles group and principally from England in the near timeline (my line traces back to my great grandmother who was born in Birmingham (Warwickshire) in 1859-1860 (because she died at 37 and my grandmother was 11 when she died so have taken her account of the death of her mother). There were thoughts that her family had come over from Ireland at some point in the past but detailed proof of that point has not been achieved. What is known – The Blood of the Isles Database lists my mutations as having been located in Ayrshire/Argyllshire Scotland area. The branching for this group has all sharing or reverting the 16293G mutation. From this point there are two branch paths – 9204G (3 members and 2 have reverted 16293G), 14180C (2 members) and six members at the branching point with only personal mutations if any.

H11a2a1-9204G-14180C-16293G – 15 members, 2 members have only the 9204G mutation – North Western Europe (England). 2 members have only the 14180C-16293G mutations – Unknown, 1 member has the 9204G-16293G mutations – Unknown. 10 members have only the 16293G mutation – 3 – North Western Europe (England (3), Northern Ireland, United Kingdom (2)), 4 – Unknown.

H11a2a2 – 26 members, 3 – Central Europe (Croatia, Germany, Slovakia), 12 – Eastern Europe (Belarus, Hungary, Poland (3), Russia (7), Ukraine (2)), 2 – North Western Europe (England), 3 – Scandinavia (Finland (2), Sweden (2)), 3 – Unknown.

H11a2a2-7805A – 4 members, 4 – Eastern Europe (Lithuania (2), Poland (2)).

H11a2a3 – 4 members, 1 – North Western Europe (England), 1 – Scandinavia (Finland), 2 – Unknown.

H11a2a3-16380T – 2 members, 1- Central Europe (Germany), 1 – Unknown.

H11a3 – 3 members, 1 – North Western Europe (England), 2 – Unknown.

H11a4 – 11 members, 4 – North Western Europe (England, Ireland (3)), 1 – Scandinavia (Sweden), 1 - Central Europe (Germany), 5 – Unknown.

H11a5 – 1 member - Unknown.

H11a6 – 1 member – Unknown.

H11a7 – 4 members, 2 – Central Europe (Austria, Germany), 1 – Eastern Europe (Ukraine), 1 – Unknown.

H11a7-198T-4820A – 6 members, 4 – North Western Europe (England (3), Ireland) and 2 – Unknown.

H11a8 – 6 members, 3 – North Western Europe (England, Ireland (2)), 3 – Unknown

H11b-8654C-16095T – 1 member has just the 16095T mutation (Central Europe (Slovakia)). The other two members - 1 – Eastern Europe (Poland), 1 – Unknown.

H11b1 – 12 members, 2 – Central Europe (Czech Republic, Serbia), 2 – Scandinavia (Norway, Sweden), 1 – North Western Europe (England), 3 – Eastern Europe (Lithuania, Poland, Ukraine), 4 – Unknown.

H11b1-10088T – 3 members, 1 – Central Europe (Germany), 2 – Eastern Europe (Poland).

H11b1-16261T – 10 members, 6 – Eastern Europe (Poland (4), Ukraine (2)), 1 – South Eastern Europe (Romania), 3 – Unknown.

H11b1-16357C – 9 members, 3 – Eastern Europe (Russia (2), Unknown), 4 – Scandinavia (Finland, Sweden (3)), 2 – Unknown.

4. H11 in the News

An interesting website showing the overall distribution of Haplogroup H11 with a reference to H11 being an uncommon branch most commonly found in Eastern Europe. It is dated 23 May 2010 so somewhat old now as a website but interesting heat map. https://history.earthsci.carleton.ca/harvey/genealogy/dnatestingH11. htm

Geni.com has an H11a Mitochondrial DNA Project <u>https://www.geni.com/projects/H11a-Mitochondrial-DNA/33944</u> And the following paper is mentioned in their site. The Genetic History of Northern Europe, version published 3 Mar 2017 includes some material on H11. <u>https://doi.org/10.1101/113241</u>

In the Extended Data Table 1 there is one set of data from Lithuania for H11a. Discussion on Geni with reference to this paper: H11a is the oldest found H haplogroup in a European hunter-gatherer. Found in a male individual circa 4440-4240 BCE belonging to the Mesolithic Narv culture

http://biorxiv.org/content/biorxiv/early/2017/03/03/113241.full.pdf

Any submissions to this newsletter can be emailed to Elizabeth Kipp (<u>kippeeb@rogers.com</u>).