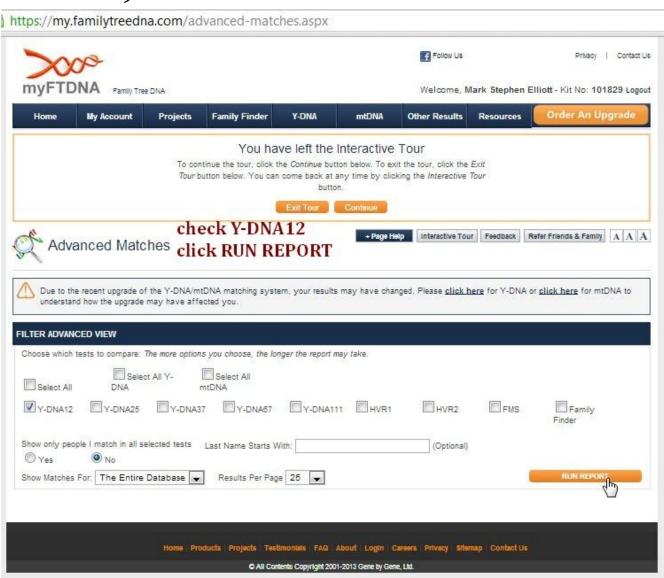
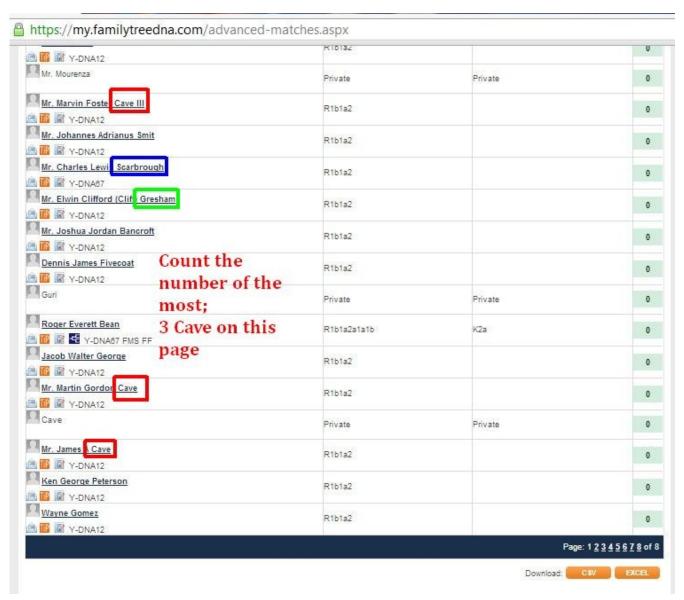


## Then;



# Count;



21 Cave, --Gresham, --Dennis, --Scarborough

Geographic location were found for Cave, Gresham, and Scarborough, but not Dennis.

# For Y-DNA Interest of; Elwald/Ellot/Elliot/Elliott

Using geographic surname correlation, for finding location of surname emergence.

Using 12 out of 12 exact on the matches.

#### TMRCA Calculator

This program calculates the probabilities that any two male individuals shared a common paternal ancestor based on a comparison of the number of Y-DNA STR markers that they share in common versus the number of Y-DNA STR markers that were tested and compared between the two individuals.

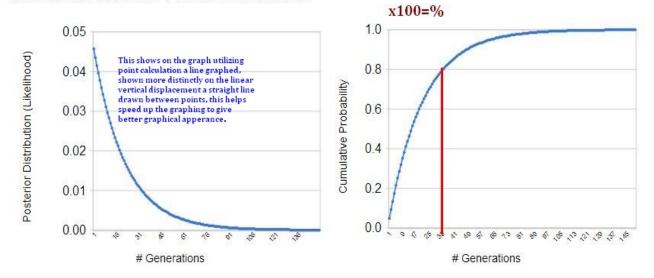
The default mutation rate used for this calculator is 0.002. The formula used in this calculator is as described by Walsh et al 2001 (Walsh B. 2001. Estimating the time to the most recent common ancestor for the Y chromosome or mitochondrial DNA for a pair of individuals. Genetics, 158(2):897-912).

This program is a free public service powered by Genebase.

Total number of markers compared 12 Number of markers that match 0.002 Mutation rate

Calculate > The graphs utilize complex Y-DNA formulas doing x-y calculations, and displaying them in curve format by ploting point by point.

#### Match at 12 out of 12 Y-DNA STR Markers



There is a 49% chance that the two individuals shared a common paternal ancestor within the last 14 generations.

There is a 80% chance that the two individuals shared a common paternal ancestor within the last 34 generations.

There is a 95% chance that the two individuals shared a common paternal ancestor within the last 62 generations.

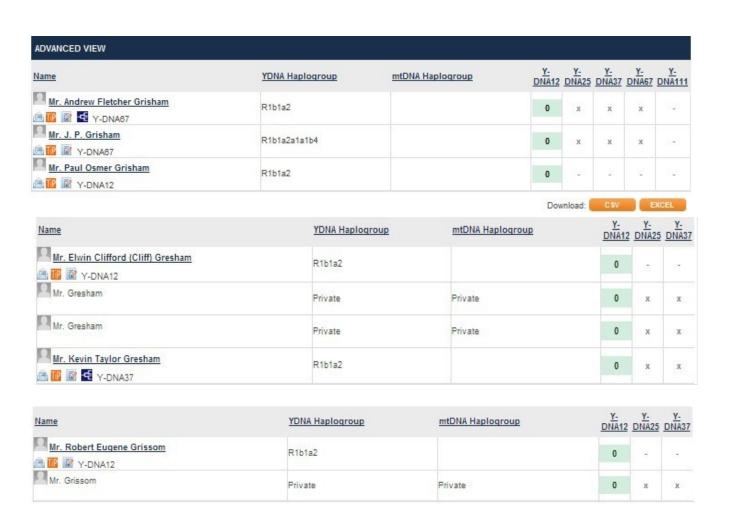
## 21 Cave, of East Riding, Yorkshire.

Name Name	YDNA Haplogroup	mtDNA Haplogroup	<u>Y-</u> <u>DNA12</u>	Y- DNA25	Y- DNA37
Mr. Marvin Foster Cave III	R1b1a2		0	_	
Y-DNA12	155-5				
Mr. Martin Gordon Cave	R1b1a2		0	-	1
Y-DNA12	Kibiaz				
Cave	Private	Private	0	8	125
Mr. James A Cave	R1b1a2		0	-	-
Y-DNA12					
Mr. James Stewart Cave	R1b1a2		0	х	х
₫ 🔯 Y-DNA37	110102		U	^	^
Cave	Private	Private	0	х	х
Dr. Cave	Private	Private	0	х	х
Cave	Private	Private	0	х	х
Mr. Brian N. Cave	R1b1a2		0	х	
■ III Y-DNA37	RIDIAZ		0		Х
Charles J. Cave	R1b1a2		0		
Y-DNA37	KIDIAZ		U	х	Х
Cave	Private	Private	0	х	х
Cave	Private	Private	0	х	Х
Mr. Thomas Randall Cave	R1b1a2		0	х	х
Y-DNA37	0.000				-
Mr. Brian Victor Cave	R1b1a2		0	х	х
Cave	Private	Private	0	х	х
Cave	Private	Private	0	х	х
Rev. Daniel Warren Cave	R1b1a2		0	х	х
Y-DNA37	1000000				
Mr. Steve Cave	R1b1a2		0	2	72
Y-DNA12					
Mr. Cave	Private	Private	0	х	х
Mr. Gregory Athol John Cave	R1b1a2		0	х	х
Y-DNA37					
Cave	Private	Private	0	х	х

## 4 Scarborough of N Yorks

Name	YDNA Haplogroup	mtDNA Haplogroup	<u>Y-</u> <u>DNA12</u>	<u>Y-</u> <u>DNA25</u>	<u>Y-</u> <u>DNA37</u>	<u>Y-</u> <u>DNA67</u>
Walter William Scarborough  ☑  ☑ Y-DNA12	R1b1a2		0	-	21	-
Harvey Morgan Scarborough  Triangle Y-DNA37	R1b1a2		0	X	х	5
Larry D. Scarborough  ☐ III	R1b1a2		0	х	х	-
Rev. Scarborough	Private	Private	0	х	х	-

### 9 Grisham/Gresham/Grissom of Northfork





#### 13. Why do I match men with different surnames?

different surnames

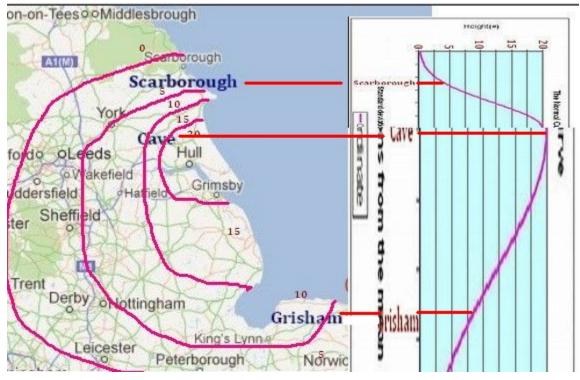
1 of 3 ^ ~

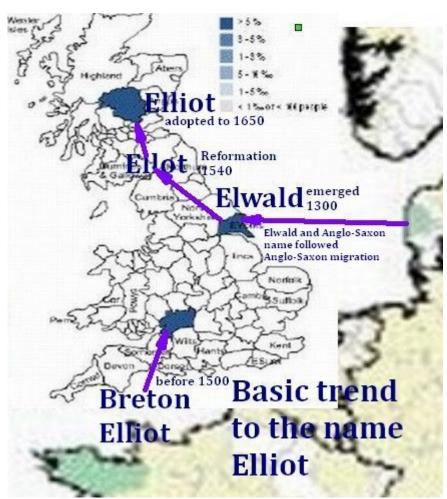
There are two reasons you may have a <u>Y-chromosome DNA (Y-DNA)</u> match with someone with a different <u>surname</u>. It may be that your connection is from a time before surnames were in common use. This is especially likely for groups where surnames were often not adopted until the most recent 100 to 200 years, for example, Scandinavians and Jewish populations. Another reason for surnames not to match is that there has been a surname change in genealogical times. That could be in either your match's or your own line.

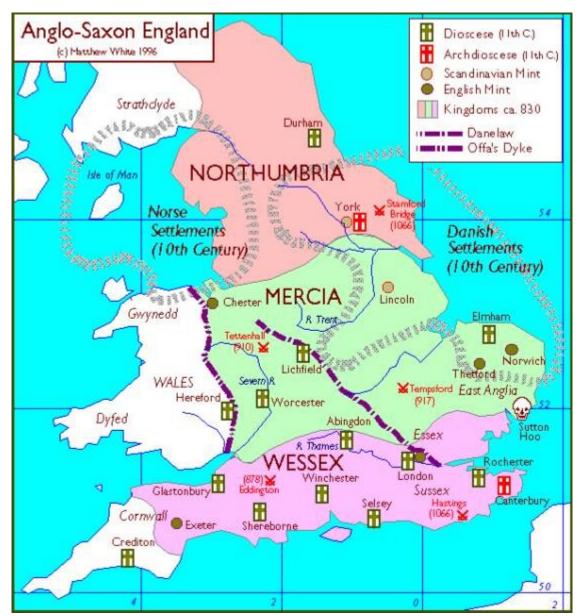
The main place that you will see matches with many different surnames is the *Y-DNA12 Marker Matches* section. The time to a common ancestor for these matches may extend beyond genealogical records and the adoption of surnames.

If you continue to match others outside your surname at the Y-DNA37, Y-DNA67, and Y-DNA111 marker level, then there is likely to have been a surname change within the genealogical timeframe. Common causes for this include deliberate name changes and adoptions. For those matches at a higher number of markers (Y-DNA37, Y-DNA67, and Y-DNA111), contacting your matches is the best way to learn more.









Distribution, and name Elwald correlates well with early Danish settlements.

Above is a distribution may showing location contours (not contur; color compared to colour the "o" is still there) in isopac form, utilizing a bell shaped curved skewed on the lower part. Scientifically the probability of the surname location, is of a much higher percent than 80%. If this is considered a theory, then all others are definitely theories.

It should be noted that pre-surname link is taken at 25 years a generation of 850 years, given the 34 generations for the 80%, but all the match ups, from 80%. With the information of 20 at Cave, 4 at Scarborough, and 9 at Grisham, the likelihood of being of this region 850 or more years ago appears near 100% nearing the time the Anglo-Saxons came to the region.

Mark Elliott