History, Genes, and Geography Pinpointing a Geographical Origin

Use your DNA to rediscover your Irish Heritage





www.irishorigenes.com

Dr Tyrone Bowes Who Do You Think You Are? Guest speaker for Family Tree DNA





Who am I/ What I do

- Dr Tyrone Bowes (experienced biotechnologist)
- Pinpoint the origin of one's paternal ancestors based on Family Tree DNA's simple commercial ancestral Y-DNA37 test!
- Pinpoint where one's Surname 'Adam' lived.
- Surnames became common approximately 1000 years ago.
- Exploit the link between the Y chromosome, surname, and land which are passed from father to son.
- I do Personalised Case Study reports (free consultation).
- An automated process is being pursued (in association with Brad Larkin, Texas, USA).
- Launched Irish Origenes in June 2011
- Launched Scottish and English Origenes in 2012, Welsh Origenes will be launched in 2013.



Irish Origenes website (www.irishorigenes.com) contains the resources you need to Pinpoint an Irish origin



ARE YOU TRYING TO MAKE SENSE OF YOUR Y-DNA TEST RESULTS

TO VIEW CASE STUDIES OR TO ORDER YOUR OWN CASE STUDY AND PINPOINT YOUR GENETIC HOMELAND

FRF

Irísh Orígenes

use your DNA to rediscover your Irish heritage





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Approximately 66% of the present population of the Island of Ireland are descendants of 'Native Irish Gaels' who...

USEFUL LINKS

- The National Archives of Ireland useful resources webpage
- Planning a visit to Northern Ireland then explore Discover Northern Ireland 2012

STEP 1: Order a DNA test



Recent studies have listed the Warrior Gene to increased risk taking and aggressive behavior in mat.

LEARN MORE

- Click on this link at the Irish Origenes website
- Order 37 marker Ychromosome DNA test

HOME

USE YOUR DNA TO REDISCOVER YOUR IRISH HERITAGE

A commercial 37 marker Y chromosome DNA test will potentially provide one with the names of many hundreds of individuals with whom one shares a common male ancestor, but what often perplexes people is how one can match many individuals with different surnames? The answer is quite simple. Roughly 1,200 years ago one's direct medieval male ancestor, the first for example to call bimself 'Bowes' was living in close proximity to others with whom he was



Are you a Warrior?

Recent studies have linked the Warrior Gene to increased risk-taking and aggressive behavior in men.

LEARN MORE



My Bowes Y-DNA results

Some surnames reoccur as a genetic match!!!

Image: Section of the sectio	37	MARKERS - 88 MATCHES					
Image: Strain			-			<i>i</i> 0:	
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3 Maximu Maximu Sector 5000 - 5/24/24 3 Maximu Maximu Private Private - 5/24/24 3 Maximu Coonan Private Private Private 2/200 3 Maximu Crow Private Private Private 11/13/2 3 Maximu Maximu Private Private 11/13/2 3 Maximu Maximu Private Private 11/13/2 3 Maximu Private Private 11/13/2 11/13/2 3 Maximu Private Private 11/13/2 11/13/2 3 <	3	Murphy	C I Y-DNA111	Edward Murphy lived Lurgan 1890 died 1705 Ireland	R1b1a2a1a1b4	L21	3/21/2011
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	3	Duke		Private	Private	Private	1/8/2008



Page: 1 2 3 4 of 4

Classify surnames according to the point at which they first appear as a genetic match

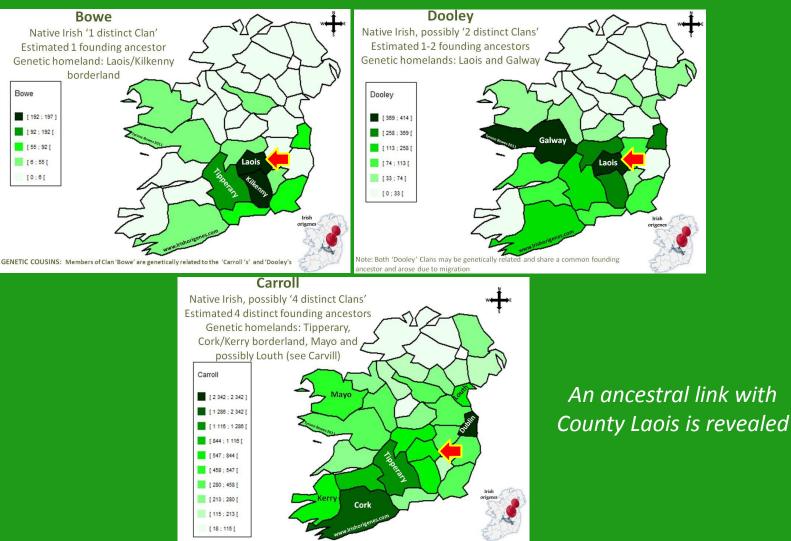
	37 Marker Y-DNA test distance of genetic match								
Your Surname	exact	-1	-2	-3	-4				
Bowes	638	Carroll (x15)	Springer(x7) ¹ Dooley (x8) Crow(x5) ¹	Bowe (x7) Lee (x5) Flanagan (x8)	Roach(x2) Egan(x5) Kelly (x8) Martin(x6) Norman(x4) Powell(x3) Purcell(x8)				

(number of people with a surname who appear as a genetic match) Coloured font indicates ethnicity associated with each surname Irish, Norman, Norman or Irish ¹Individuals from the same family recruited for DNA testing

These (reoccurring) surnames will have arisen among a group of related individuals living in a specific location!
 Plot where those surnames occur using census data and you'll reveal a common area of association (where your surname 'Adam' lived)



Irish Origenes Surname Distribution Map Database

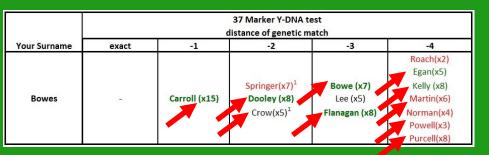


>4,500 surnames associated with Ireland on this database



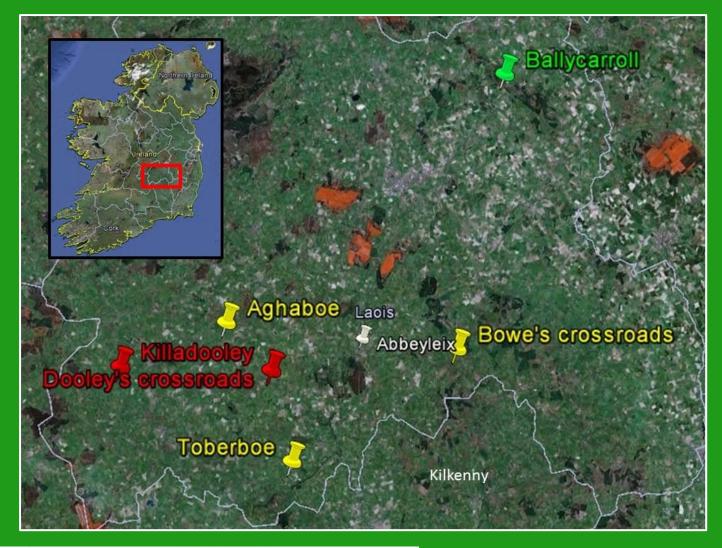
Irish Origenes 'Surnames of Ireland Map' shows where farmers with a particular surname cluster





Stick pins on this map where the reoccurring surnames revealed through Y-DNA testing occur to see a pattern emerge



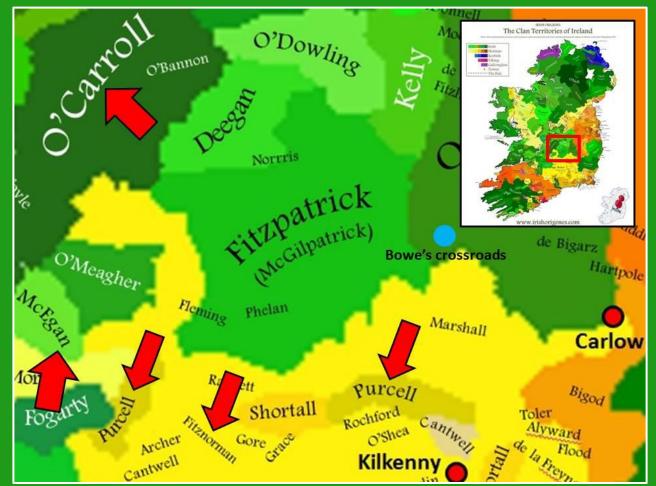


	37 Marker Y-DNA test distance of genetic match								
Your Surname	exact	-1	-2	-3	-4				
Bowes	6	Carroll (x15)	Springer(x7) ¹ Dooley (x8) Crow(x5) ¹	Bowe (x7) Lee (x5) Flanagan (x8)	Roach(x2) Egan(x5) Kelly (x8) Martin(x6) Norman(x4) Powell(x3) Purcell(x8)				

Examine Placenames



Irish Origenes 'Clan Territories of Ireland Map' if you have Irish ancestry you will be genetically related to at least one of these prominent Clans/Families



	37 Marker Y-DNA test distance of genetic match								
Your Surname	exact	-1	-2	-3	-4				
Bowes	-	Carroll (x15)	Springer(x7) ¹ Dooley (x8) Crow(x5) ¹	Bowe (x7) Lee (x5) Flanagan (x8)	Roach(x2) Egan(x5) Kelly (x8) Martin(x6) Norman(x4) Powell(x3) Purcell(x8)				

The Cantreds of Ely O'Carroll poem by O'Heerin from 1420 describes the Kingdom of O'Carroll from the time of Brian Boru (1000AD). Courtesy of Mr Adrian Martyn Medieval researcher, Galway City, Ireland

> "Lords to whom stoop the nuts (a very odd expression) Are the <u>O'Carrolls</u> of the Plain of Birra King (Kings?) of Ely to the sweet Bloyma; Most hospitable mansion in Ireland.

Eight tuathas (Cantreds) eight chiefs there are Under the King of Ely - land of cattle Brave the host in threatning (tuar) an incursion That yellow-waving-haired army.

O'Flanigan of the snowy hand Rules over all the Kinel Arga (1) Of the race of Teige, son of Kian of Crinna (1 1/2) He dwells at hospitable Ardlick Oilill.

Over the Clan Rooney of the flowery roads That sweet, cleared, smooth streamed country That fair bordered, wine festive cantred Rules Mag Corcran of the numerous tribe.

O'Hegan of Crioch Chein, Is over the Clan Ionmhainen of smooth land A cantred which showers a feast on every spot (2) And a dew of honey on every cluster (pod). The great cantred of the vigorous Clan Maonaigh Is hereditary to <u>O'Dooley</u>(3) This tribe are brave retainers Placed at the breast of the clear streamed Bloyma.

> A chief whose trees bear white nuts Is over the Clan Conligan of heavy fruit Twig of Biorra of Elyan tribe (4) Mac Guilfoyle of the fair-white mansion.

Hy Deki, the goodly cantred of hills, The wide, fair-mansioned land, (do dluthaigh duibh) A fruitful land which adhered to them Is O'Banan's Patrimonial (ancestorial) inheritance (5)

> Their country has been mightily peopled By the O'Meaghers of Crioch Keerin (6) Tribe of (at) the foot of Bearnan Eile (7) No shame to recount their exploits.

Tuath Faralt (8) of the cleared woods Is the inheritance of O'Hailchen, A fair mansioned plain of populous tribe, Like the land of Taillteann, dry, tho' streamy.

	37 Marker Y-DNA test distance of genetic match								
Your Surname	exact	-1	-2	-3	-4				
Bowes	-	Carroll (x15)	Springer(x7) ¹ Dooley (x8) Crow(x5) ¹	Bowe (x7) Lee (x5) Flanagan (x8)	Roach(x2) Egan(x5) Kelly (x8) Martin(x6) Norman(x4) Powell(x3) Purcell(x8)				





Η

historical references to my Bowes ancestors in Laois/Kilkenny/Tipperary borderlands From the Tudor *faints*:

"163 (118). Pardon to Jordan Morreyse, of Croghan, county Tipperary, husbandman; especially for the death of Phillip O'Bowe, ploughman." Dated 6th April 1548 (page 104, fiants of Edward VI).
"2035 (1631.) Pardon to ... John O'Bow, late of Brownestown, ..." dated 11 January 1572. page 261.
"5370 (4286.) Pardon to ... Phillip O Boe, of Corristowne, ... co. Kilkenny." dated 4 November 1589.
"6191 (5017.) Pardon to ... Edm. Obowe ... This pardon shall be of force only for persons born or residing int he province of Munster, or County of Kilkenny." dated 17 February 1598. pages 317-18.
"6484 (5240.) Pardon to ... Rich O Boe, husb., ...". dated 28 March 1601. page 401.

From the "Calandar of Papal Registers:

Papal Letters vol. xv 1484-1492" the index lists three men surnamed "O Bogue (OBinyde, Oboe, Obuy)"

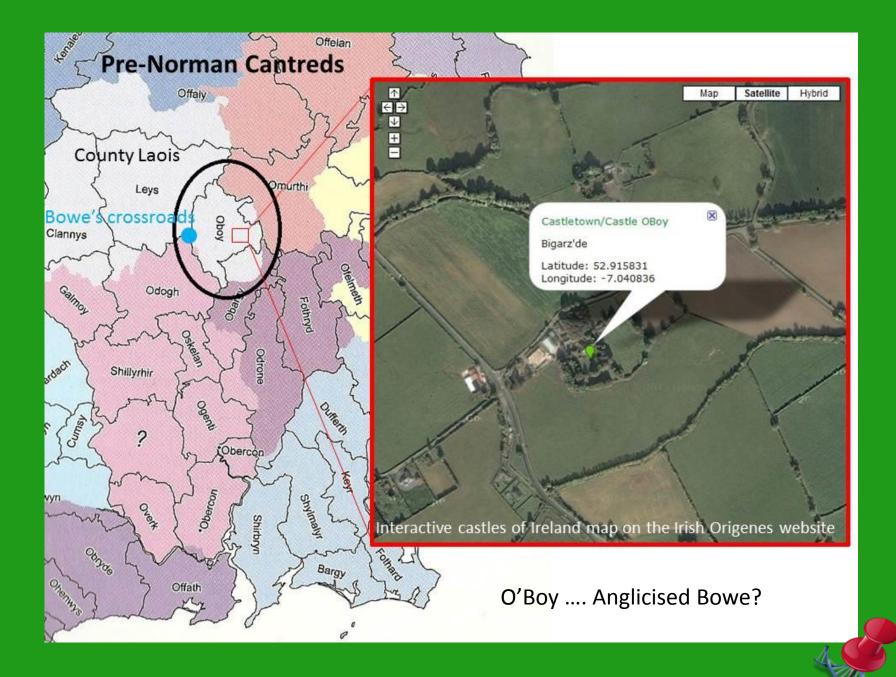
1 - John, Canon of Aghmacart, to have rectory of Kildellig, number 688.

2 - Patrick, priest of Ossory diocese, to have rectory of Rathsaran and vicarage of Erke, number 674 (dated 19 April 1491, states "Patrick Obinyde, priest, d. Ossory", was the illigitimate son of unmarried parents. Apparently he also had a family).

3 - William, priest of Lismore diocese, to have vicarage of Rathdonan, number 358 (dated 25 February 1489)

Courtesy of Mr Adrian Martyn Medieval researcher, Galway City, Ireland



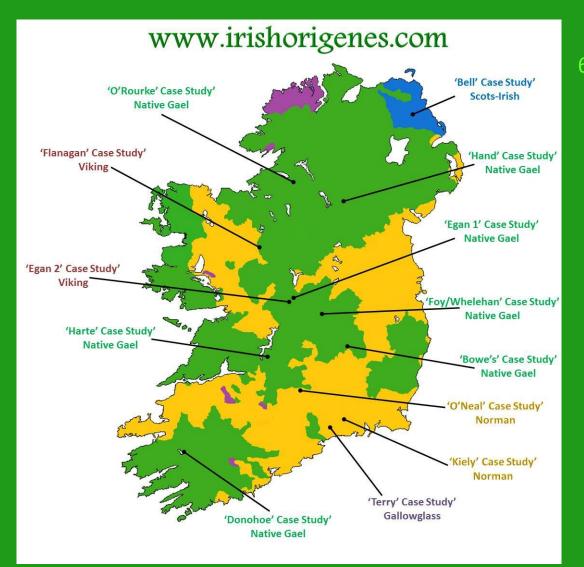


Once you pinpoint an area you can confirm the ancestral link with a simple commercial DNA test



Bowe's from this area were recruited for Y-DNA testing and were a close genetic match to me!

CAUTION



People with Irish ancestry 60% Gael (pre-Christian Celtic tribes) 1-2% Viking 12-15% Norman (English/Welsh) 2-5% Scots Gallowglass 20% Plantation Scots and English

Keep an open mind!!!!!!!



English Origenes (www.englishorigenes.com) lists the resources you need to Pinpoint an English origin



Pinpointing an English Genetic Homeland

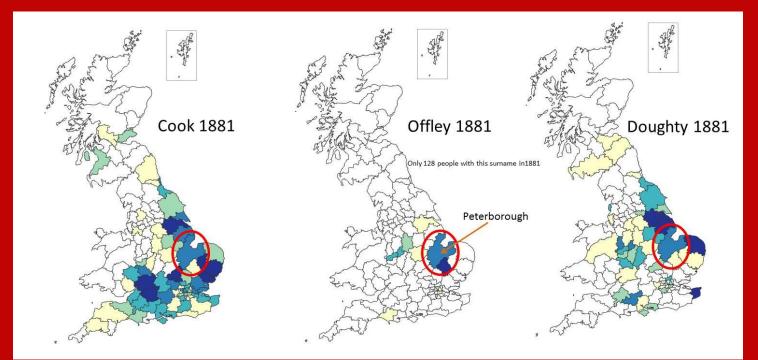
- Can be more challenging!
- Surnames evolved differently from the Irish and Scots
- Early Industrial revolution
- Examine earlier census data
- Many English surnames have no link to the land (no farmers)



Test subject Mr Cook

	37 Marker Y-DNA test									
		37 marker leve	el			25	Marker level			
Test subject	exact	-1	-2	-3	-4	exact	-1	-2		
Cook	Terry(x3) ¹ Cook(x8) Williams(x3) ²	Doughty(x2)	i.		i.	3	Offley(x2)			

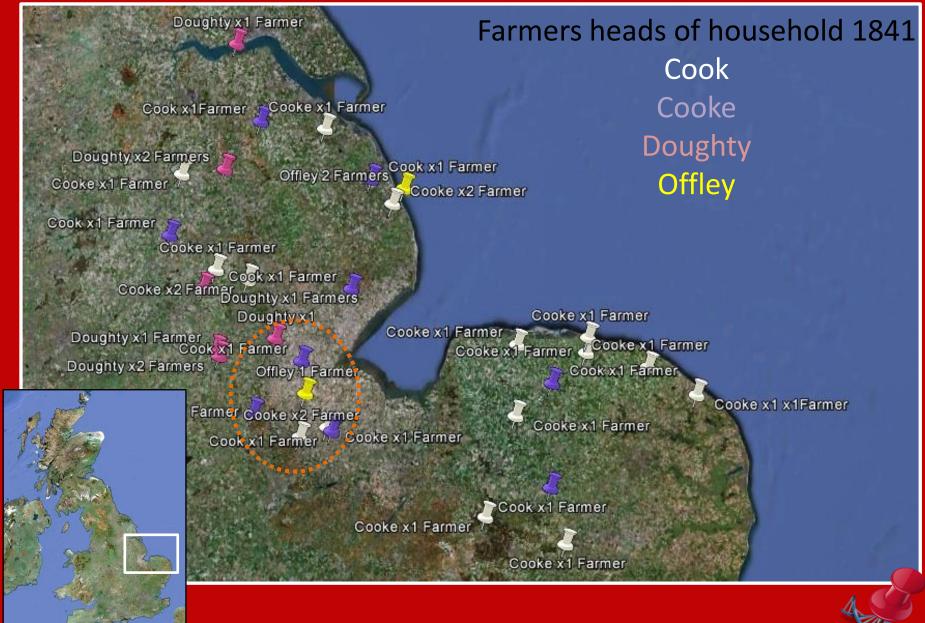
¹Individuals from the same family recruited for DNA testing



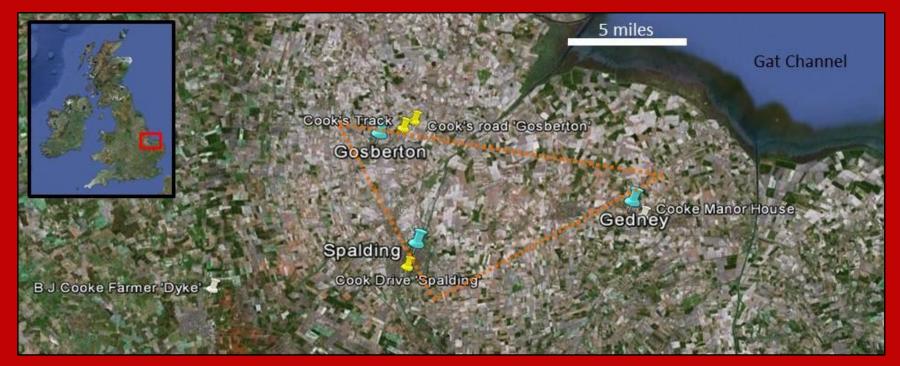
Great Britain family names map http://gbnames.publicprofiler.org/



Plot where farmers with each surname occur



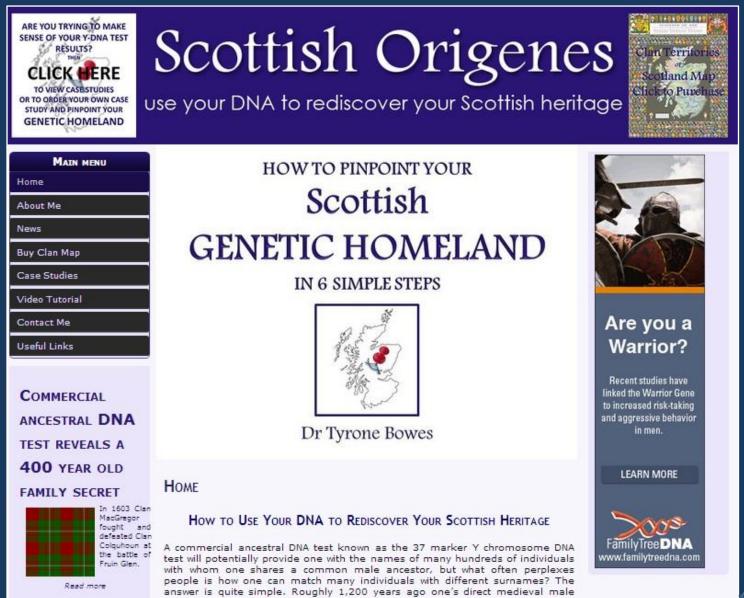
Once you pinpoint an area you can confirm the ancestral link with a simple commercial DNA test



- Mr Cooke (test subject) found a Hezekiah Cooke in Gedney records, he has a Hezekiah Cooke in his Virginia family.
- He is recruiting Cooke/Cook's from this area for Y-DNA testing!



Scottish Origenes (www.scottishorigenes.com) lists the resources you need to Pinpoint a Scottish origin



Mr Ross Valentine; born Aberdeenshire, Scotland

+ Page Help Interactive Tour Feedback Refer Friends & Family A A A

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Y-DNA - Matches		+ Page Help Interactive To	ur Feedback Refe	er Friends & Far	mily A A A
FILTER MATCHES					
HETER MATCHES					
Show Matches For: The Entire Databas	e 💽 For: 37 👞 M	arkers Distance: All Matches	Per Page: 25	-	
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4					
37 MARKERS - 155 MATCHES					
				Page: 1	234552017
Steps Name		Most Distant Ancestor	Y-DNA Haplogro	up Terminal S	NP Match Date
0 John Leonard Valentine	Y-DNA67		-		12/14/2011
0 John Leiand Valentine		Alexander Valentine, b. c1826 Montrose, Scotland	3		12/14/2011
1 Mr. Timothy James Campbell	PER Y-DNA37	Charles Campbell b. 1726 and d. 1812	1.84		4/13/2012
1 Donald IV. Logan,	2-DNA67	John Logan (1802-1877) NC>TN>AL	2		12/14/2011
1 Campbell		Private	Private	Private	12/14/2011
1 Pettigrew II		Private	Private	Private	12/14/2011
1 Logan		Private	Private	Private	12/14/2011
2 Donn Chandler Drummond	PIE Y-DNA67	Drummond	-		5/21/2012
2 Mr. Ernest Dean MacGregor	2-DNA67	James MacGregor bo c1760Muthill m McNabb Callandar	2		12/14/2011
2 Christopher Neely	PIE Y-DNA67	Robert Neely b.1821 Londonderry, Ireland.	2		12/14/2011
2 Sir Malcolm MacGregor Of MacGregor		Gregor founder of the clan	8		12/14/2011
2 James Peddle	1-DNA67	Andrew Peddle, b 1815	R1b1a2a1a1b4	L21	12/14/2011
2 Mr. MoGregor		Private	Private	Private	12/14/2011
2 Logan		Private	Private	Private	12/14/2011
2 Logan		Private	Private	Private	12/14/2011
2 Peden		Private	Private	Private	12/14/2011
2 MoGregor		Private	Private	Private	12/14/2011
2 Rory McGregor	200 Y-DNA111	Peter McGregor c 1860	3		12/14/2011
2 Buchanan		Private	Private	Private	12/14/2011
2 Logan	and the second	Private	Private	Private	12/14/2011
2 Edward Harold VVise	PIE RY-DNA67		-		12/14/2011
3 Sterry Tyrone Miller	10 Y-DNA111	John Miller, b. 1530 Argyll, Scotland			11/1/2012
3 Mr. Douglas Love Miller Jr.	10 10 Y-DNA67	Isaac Miller, b. about 1755, d. 1806	-		8/28/2012
3 James Charles Shively	PIE Y-DNA37	Moses Shively , Pennsylvania	20		5/21/2012



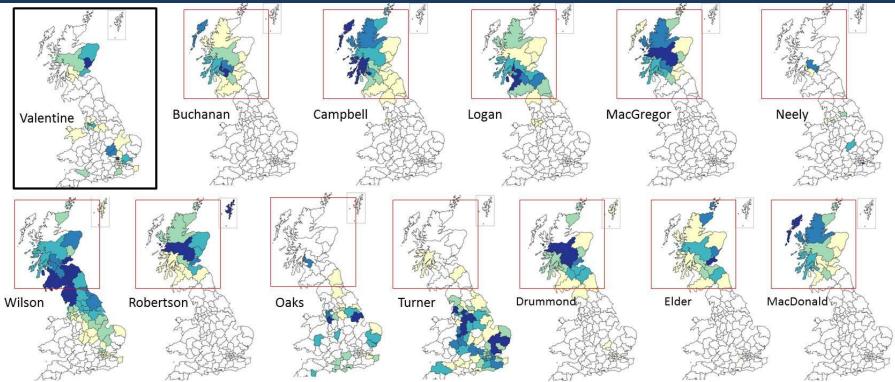
Reoccurring surname matches

	37 Marker Y-DNA test									
		distance of genetic match								
Test subject	exact	-1	-2	-3	-4					
		Campbell(x14)			Robinson(x6)					
Valentine	Valentine(x3)	Logan(x10)	McGregor(x22)	McDonald(x11)	Bain(x3)					
		Drummond(x4)	Buchanan(x23)	Robertson(x8)	McKinlay/McKinley(x4)					

- The Valentine family have a well recorded family tree stretching back 300 years in the Scottish northeast.
- There is family lore of a link to Clan Lindsay! BUT no genetic evidence of this!



Clear ancestral link to Scotland



Great Britain family names map http://gbnames.publicprofiler.org/



Plot where farmers with each surname occur

Problem

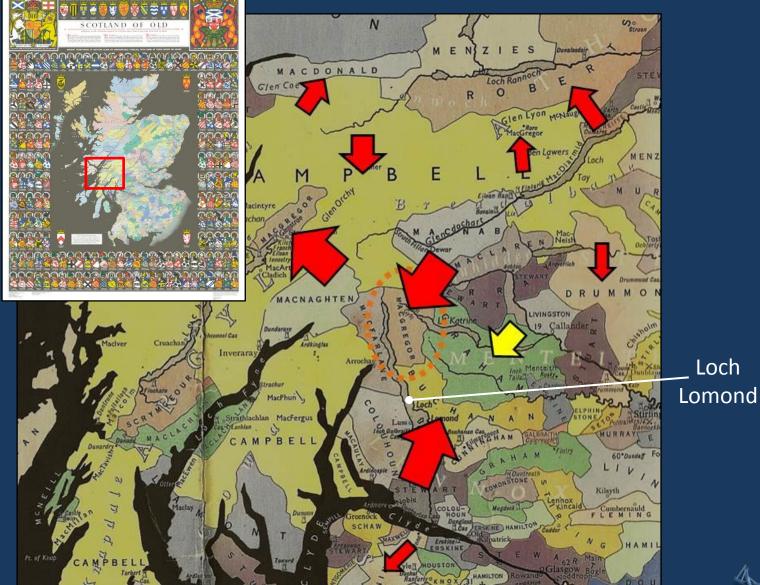
Farmers associated with Mr Valentine's reoccurring surname matches all cluster to/ the west-central Highlands, while the Valentines localise in the Northeast?/







The Clan Territories of Scotland are well documented

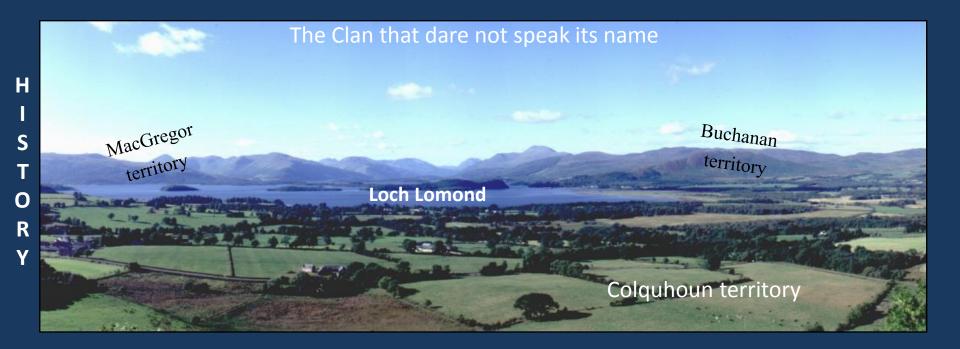




			37 Marker Y-D				
	e		distance of gene	tic match			
Test subject	subject exact		-2	-3		-4	
		Campbell(x14)			Ro	binson(xe	5)
Valentine	Valentine(x3)	Logan(x10)	McGregor(x22)	McDonald(x11)		Bain(x3)	
							1 arr (m 1)
		Drummond(x4)	Buchanan(x23)	Robertson(x8)	MCKIIIa	ay/McKin	ley(x4)
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						-	
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ast Name Starts With:		(Optional) New Since			0	RUN REPORT	1
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teps Name			Most Distant Ancestor	<u>Y-</u>	DNA Haplogro	up <u>Terminal</u> \$	NP Match D
John Leonard	Valentine	10 Y-DNA67					12/14/201
John Leland V	alentine	200 Y-DNA67	Alexander Valentine, b. c1826 M	ontrose, Scotland -			12/14/201
Mr. Timothy Ja	imes Campbell	PUR Y-DNA37	Charles Campbell b. 1726 and d. 1812				4/13/2012
Donald M. Log	pan,	2-DNA67	John Logan (1802-1877) NC>TN>AL				12/14/201
Campbell			Private F		Nate	Private	12/14/201
Pettigrew II			Private	Pr	Nate	Private	12/14/201
Logan			Private	Pr	wate	Private	12/14/20
Donn Chandle	er Drummond	2010 Y-DNA67	Drummond	2			5/21/2012
Mr. Ernest Des	an MacGregor	2-DNA67	James MacGregor bo c1760Mul Callandar	thill m McNabb -			12/14/201
Christopher N	leelly	10 Y-DNA67	Robert Neely b. 1821 Londonderr	y, Ireland			12/14/201
Sir Malcolm M	State in the second		Gregor founder of the clan	27			12/14/201
MacGregor							
						L21	12/14/201
James Peddle		CETE V-DNA67	Andrew Peddle, b 1815		101a2a1a104	177	
Mr. McGregor		100 W Y-DNA67	Private	Pr	Nate	Private	140.000
Mr. McGregor		UTIN BE Y-DNA67	Private Private	Pr Pr	Nate Nate	Private Private	12/14/201
Mr. McGregor		UTIL IR Y-DNA67	Private Private Private	Pr Pr Pr	Nate Nate Nate	Private Private Private	12/14/20
Mr. McGregor Logan Logan Peden		UTIO IRE Y-DNA67	Private Private Private Private	Pr Pr Pr Pr	Nate Nate Nate Nate	Private Private Private Private	12/14/20 12/14/20 12/14/20
Mr. MoGregor			Private Private Private Private Private	Pr Pr Pr Pr	Nate Nate Nate	Private Private Private	12/14/201 12/14/201 12/14/201 12/14/201
Mr. MoGregor Logan Logan Peden MoGregor Rory MoGrego	ſ	2 Y-DNA67	Private Private Private Private Private Peter MoGregor c 1860	Pr Pr Pr Pr -	Ivate Ivate Ivate Ivate	Private Private Private Private Private	12/14/201 12/14/201 12/14/201 12/14/201 12/14/201 12/14/201 12/14/201
Mr. MoGregor Logan Logan Peden MoGregor Rory McGrego Buchanan	ſ		Private Private Private Private Private Peter MoGregor o 1860 Private	Pr Pr Pr Pr Pr Pr Pr	Nate Nate Nate Nate	Private Private Private Private Private	12/14/20 12/14/20 12/14/20 12/14/20 12/14/20 12/14/20 12/14/20
Mr. MoGregor Logan Logan Peden MoGregor Rory McGrego Buchanan Logan		PT RY-DNA111	Private Private Private Private Private Peter MoGregor c 1860	Pr Pr Pr Pr Pr Pr Pr	Ivate Ivate Ivate Ivate	Private Private Private Private Private	12/14/20/ 12/14/20/ 12/14/20/ 12/14/20/ 12/14/20/ 12/14/20/ 12/14/20/
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Mr. MoGregor Logan Logan Peden MoGregor Rory McGrego Buchanan Logan	1 Wise	PT RY-DNA111	Private Private Private Private Private Peter MoGregor o 1860 Private	Pr Pr Pr Pr - Pr Pr - and -	Nate Nate Nate Nate	Private Private Private Private Private	12/14/201 12/14/201 12/14/201 12/14/201

This is the current Clan chief of the MacGregor's



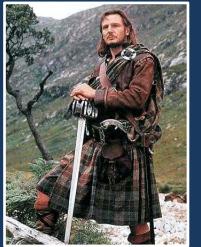


- Clan MacGregor were outlawed after slaughtering members of Clan Colquhoun (and innocent spectators) at the Battle of Fruin Glen in 1603.
- In 1603 the MacGregor surname was proclaimed 'altogidder abolished" and bearing the MacGregor name was punishable by death (80 Clan members were named and outlawed).
- In 1604 The Chief of the MacGregor's and 30 Clansmen were executed in Edinburgh
- In the 1600's the first Valentine appears in Scotland.
- Ross Valentine matches the current chief of the MacGregor's in 35/37 markers!
- In 2007 The Clan Gregor Society of Scotland agreed to accepts into full membership of the Society individuals with ANY surname who can show, through DNA testing, that they have a DNA signature which matches, at the accepted degrees of mutational difference, that of the main MacGregor DNA signature.



Putting a time frame to DNA mutation rates

	37 Marker Y-DNA test							
			37 marker	37 marker level				
Test subject	exact	-1	-2	-3	-4			
Valentine	Valentine(x3)	Campbell(x14) Logan(x10) Drummond(x4)	McGregor(x22) Buchanan(x23)	McDonald(x11) Robertson(x8)	Robinson(x6) Bain(x3) McKinlay/McKinley(x4)			
Post 1603AD Pre 1603AD								
	1 step mutation = 200 years?							



Rob Roy MacGregor 1671-1734 'Campbell' (his mothers maiden name) is recorded as his surname on baptismal records







Upon Y-DNA 37 commercial ancestral DNA testing one receives details of the people with whom you share a common male ancestor! This test revealed that Mr Shannon's ancestry is linked with Galloway in Scotland but his ancestors migrated from Ireland in 800 or 900 AD

	37 Marker Y-DNA test								
			37 marker level			25 Marker level			
Test subject	exact -	1 -2	-3	-4	exact	-1	-2		
Shannon	SHANNON/HANNON(x3)	Wilson(x6) WALKER(x7) McGEE/McKEE(x18) ¹	McBride(x4) GLASS(x4) Lockhart(x4) DALY/DAILEY/DAYLEY(x5) BOYLE/BOYLES(x7) O'Kane(x4) Gallagher(x6) Robertson(x8) Logar(x5) Dowell/x4Owell(x4) WILLIAMS/McWILLIAMS(x9) Strair(x4) CARNES(x4) Campbell(x6) DOHERTY/DAUGHERTY/DEHORITY(x16) Smith(x14) ² Cowar(x12)	Martin(x4) McCOMBSx6) McCune(x3) McCardfMcCurd(x4) BymeBymesBurns(x5) Downe(x6) CANNON(x4) McAdamMcAdams(x6) McClellan/McLeland(x5) MurphyMurphree(x6) Flannery (x6) ConnerConnor(x4) McAuleyMcCauley(x4) Cain(McCain)(x5) Alexander(x4) McGovern(x5) Kennedy(x7) Mullican/Milligan/Millikin(x9) McGovern(x5) Higging(x4) FergusonFurgeson(x6) Dougan/Duggan(x5) Kinney/KcKinney(x4) RedReid(x4) RedReid(x4) NetDenald(x8)	King(x5) ³ Filey(x7) McGrath(x4) Bradley(x4) Dorsey/Darcy/Of Arcy(x5) Gilmore/Gilmour/Gilmer/Gillmore(x9) McConnell(x5) Gray(x5)	O'Neili/O'Neal(x6)	Kelley/Kelly(x6) McManus(x4) Harkin(x4)		
Present	day		γ Scottish surnames predominate	years		y surnames dominate			

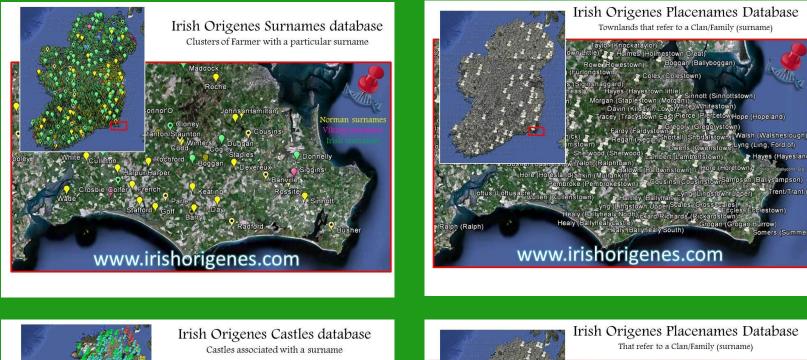
400 AD

The Future

- 1. The process works **BECAUSE** of the size of the FAMILY TREE Y-DNA database!
- 2. As Family Tree DNA's database of people taking the Y-DNA test gets larger and larger the success rate (for pinpointing a precise paternal geographical origin) will increase.
- 3. Pinpointing a maternal origin (mtDNA) can be done but requires a different approach.
- 4. Automation!



IRISH ORIGENES DATABASES FOR AUTOMATION!

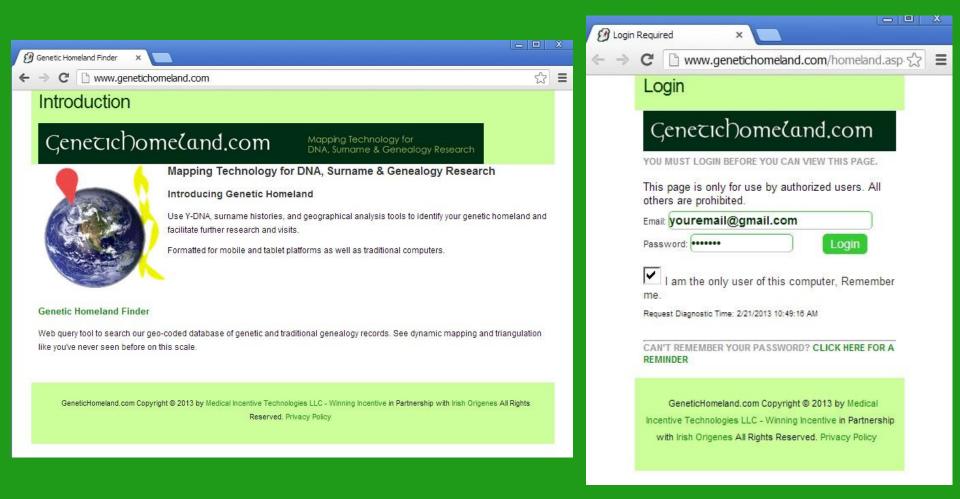






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The Genetic Homeland Finder Constructed by IT expert Brad Larkin



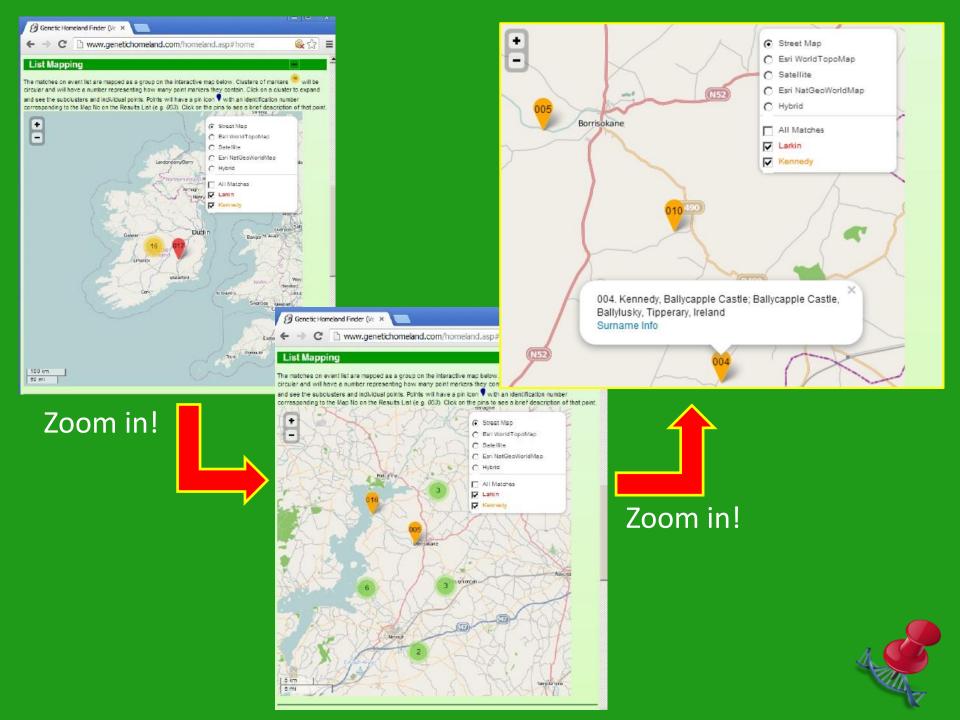
This is a novel undertaking and a useful resource!

Will include Farmers with a particular surname (where they cluster), castles associated with each surname, placenames associated with a surname, and eventually graveyard data

Preview Automated Analysis

Genetic Hon	eland Finder (Ve. ×						
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Base Sumame 2		Instructions: Select the Data Set(s) and Surname(s) whose ancestral records you want to find on the map. Note that each Data Set and Surname used consumes one application credit.	Tipperary 2150 2				
Baxe Sumame 3	•	Z. Castles of Ireland					
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Printed	Maps	Showing 1 to 10 of 17 entries					
Support							

This is a novel undertaking and a useful resource even for those not taking the DNA approach





Genetic Homeland Finder Search Engine

- Use Y-DNA, surname histories, and geographical analysis tools to identify your genetic homeland.
- Genetic Homeland Finder lets you visualize how multiple surnames and data sources intersect to help overcome 'brick walls' in your genealogy.
- Dynamically add / remove records lets you manipulate the map in real-time to test hypotheses.
- Also facilitates further research and site visits.
- Built for PC, Mac, mobile phone or tablet use.

Special Offer

In partnership with IrishOrigenes.com, we are offering 20 surname & data set searches for free to participants in the **2013** *Who Do You Think You Are* **conference** in London.

Register for the free usage offer and to receive more information about updates and news as data sources are added to the GeneticHomeland.com database.

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Address:	
City, State, Postal Code, & Country	
Mobile Telephone	
Surnames of Interest:	
Suspected Ancestral Geography	



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Please complete and return this offer sheet to Dr. Tyrone Bowes, Ph.D. of *English Origenes* at the conference, or email <u>offer@genetichomeland.com</u> or fax to (+1-866-402-9427).



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Thank you for your time Dr Tyrone Bowes



