Authenticating Your Roots









Dr Tyrone Bowes tyronebowes@gmail.com



Who am I/ What I do

- Dr Tyrone Bowes (experienced scientist)
- Personal interest in using DNA to uncover my own ancestral origins.
- Set up the Irish Origenes website to help others rediscover their Irish ancestry using only their DNA.
- I do Personalised Case Study reports (free consultation), sell a range of Irish themed maps from the Irish Origenes website, surname studies, and write articles for various magazines
- DNA does not lie!
- Launched Irish Origenes in June 2011
- Launched Scottish and English Origenes in 2012,
- Welsh Origenes will be launched in 2014?





There are 3 main commercial ancestral DNA tests

mtDNA; to reveal people with whom you share a common female ancestor Y-DNA; to reveal people with whom you share a common male ancestor Autosomal DNA test; to reveal shared male and female ancestry

		Commercial ancestral DN/	A test			
	mtDNA	Autosomal	Y-DNA			
DNA examined	mitrochondrial	all	Y chromosome			
Who can take this DNA test?	males and females	males and females	males only			
Pinpointing a geographical origin (how specific is it?)	large geographical region	not applicable	very specific (to within a 5 mile radius)			
Time Scale (to shared ancestry)	tens of thousands of years	150-200 years	when surnames became common (e.g. 1000 years ago in Britain)			
Can the link to an area be confirmed?	Yes	Yes	Yes			

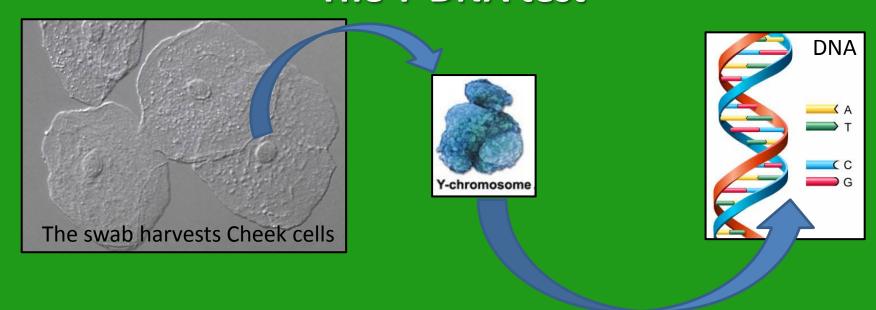


DNA testing is painless
Swab the cells and return it to
the DNA testing company

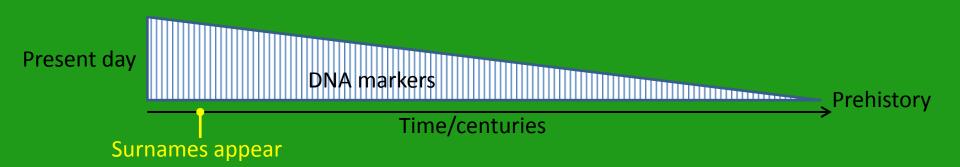




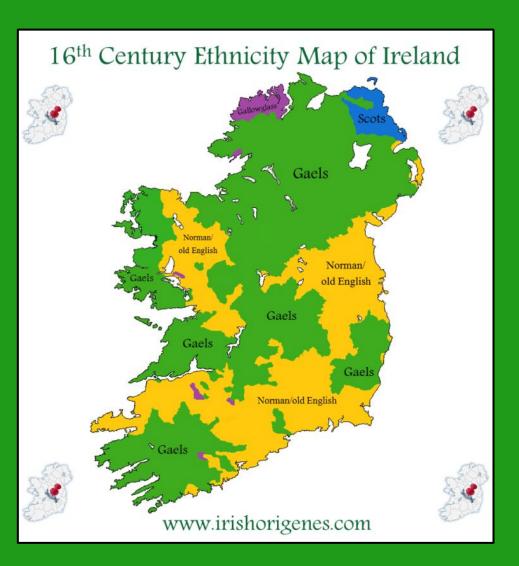
The Y-DNA test



- The test typically looks at 37 or 67 bits (or Markers) on the Y chromosome.
- The company compares these markers to others on their database who have also taken the Y-DNA test
- The more of the markers you share with someone the closer your shared ancestor lived (e.g brothers would match at 37/37 or 67/67 markers)



What will the DNA reveal about your Irish origins?

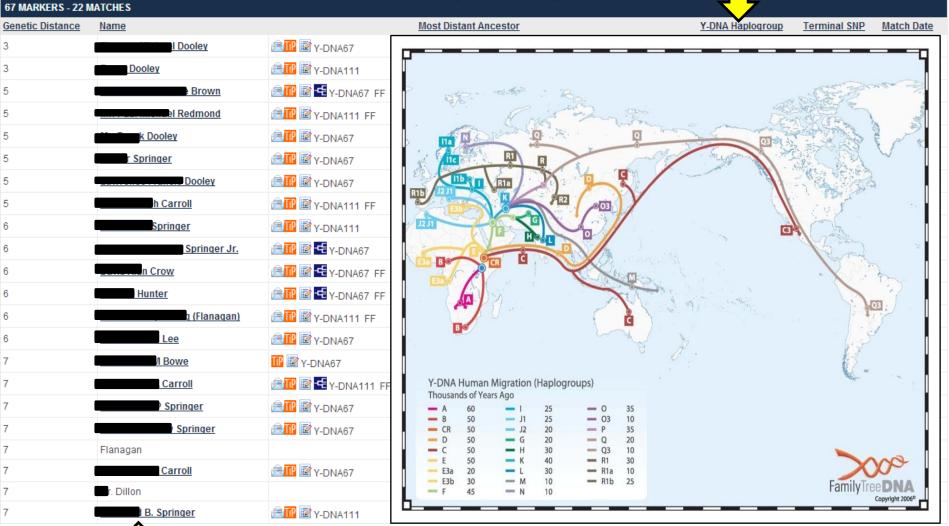


People with Irish ancestry
60% Gael (pre-Christian
Celtic tribes)
1-2% Viking
12-15% Norman
(English/Welsh)
2-5% Scots Gallowglass
20% 17th Century Plantation
Scots and English

Keep an open mind!!!!!!!

This is what your DNA test results will look like Test subject

Mr Joseph Dooley

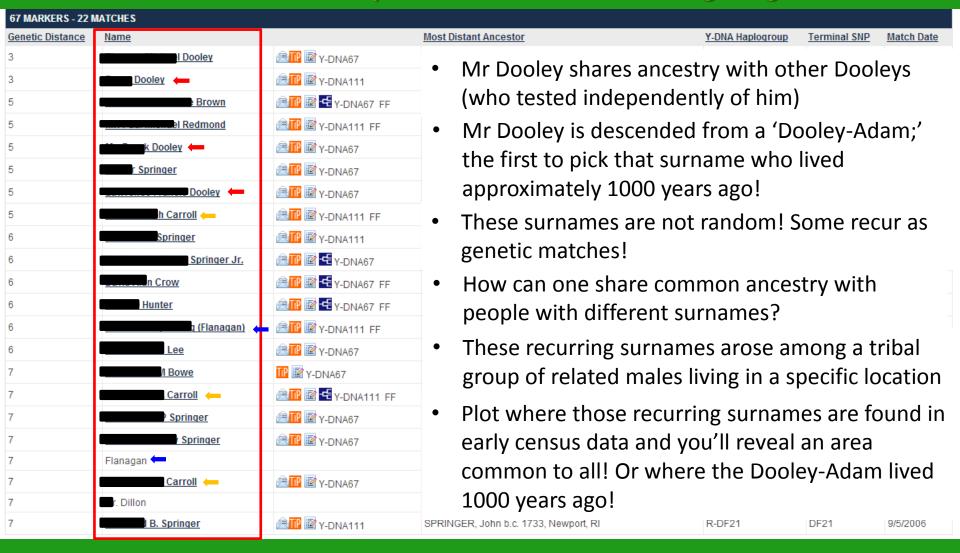


People Mr Dooley shares a common male ancestor with! (who have also Y-DNA tested)



Haplogroup!

Examining the surnames of the people Mr Dooley shares common ancestry with reveals some interesting things!!



Identify all the surnames that recur as close genetic matches!!

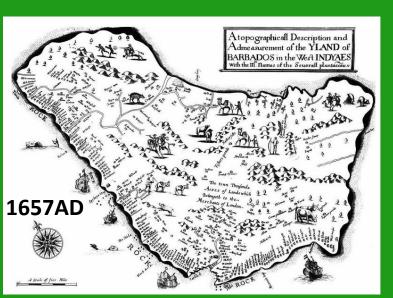
	Y-DNA test results														
Test			67 marker results 37 marker results												
Subject	Haplogroup	exact	-1	-2	-3	-4	-5	-6	-7	exact	-1	-2	-3	-4	
Dooley	R-DF21				Dooley(x6)		Carroll(x12) Springer(x6)1	Flanagan(x8)	Bowe/Bowes(x5)				Powell(x3)	Egan(x4) Martin(x5) Moore(x5) Murphy(x3) Treacy(x7)	

(In brackets are the 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

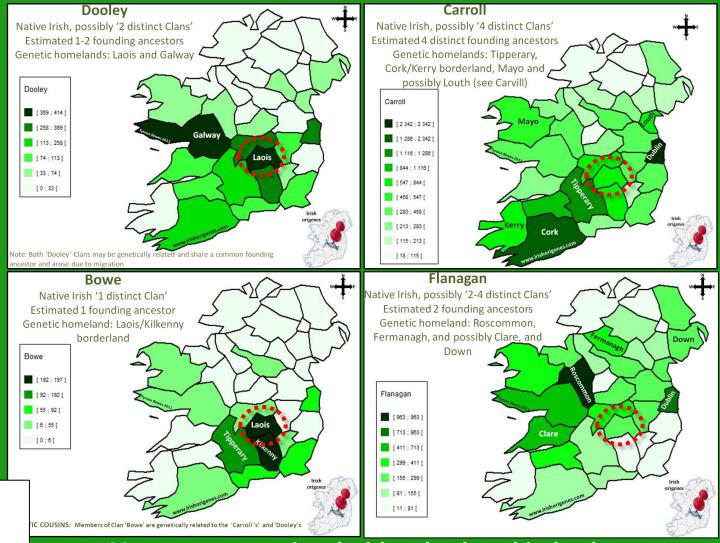
There is an Irish connection!







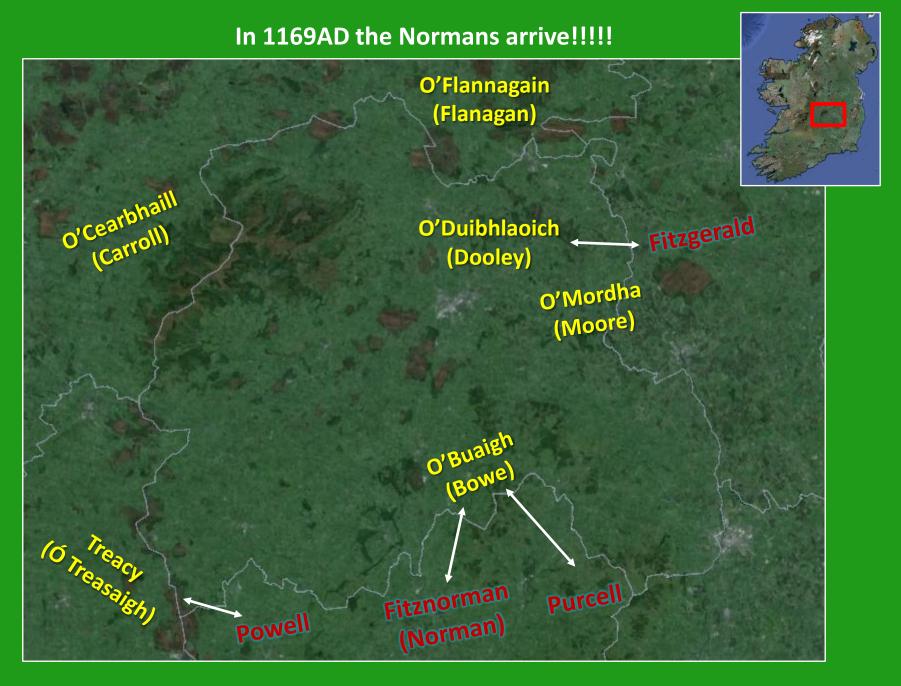
Irish Origenes Surname Distribution Map Database



>4,500 surnames associated with Ireland on this database
An ancestral link with County Laois is revealed







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



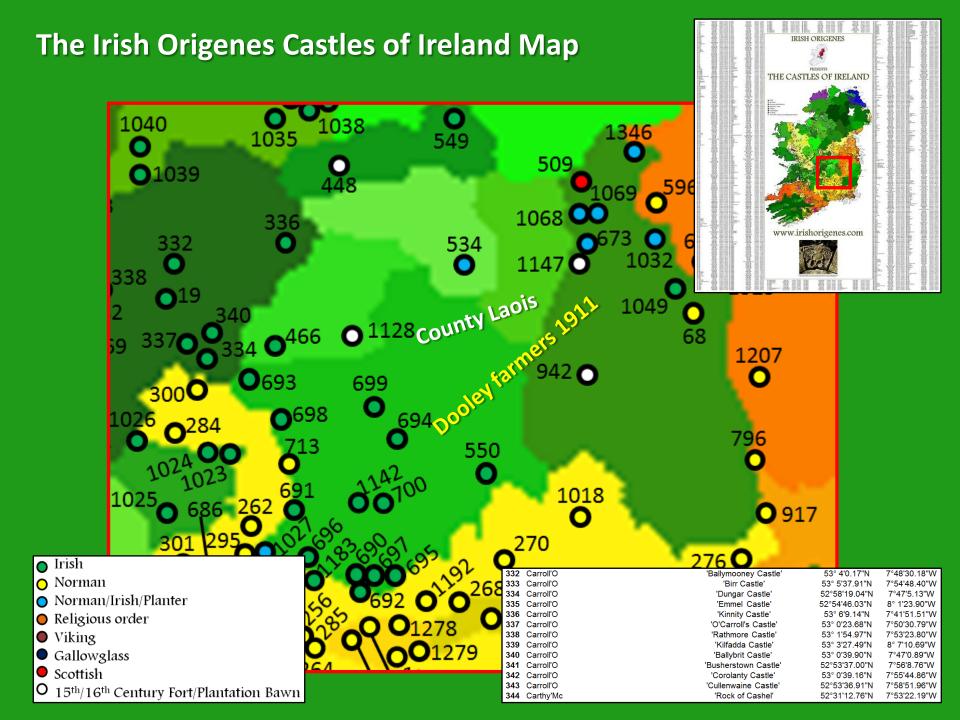


I'm a scientist and I want more evidence to support the ancestral link of these Clans and Families as revealed in my DNA results with **County Laois and bordering Counties**

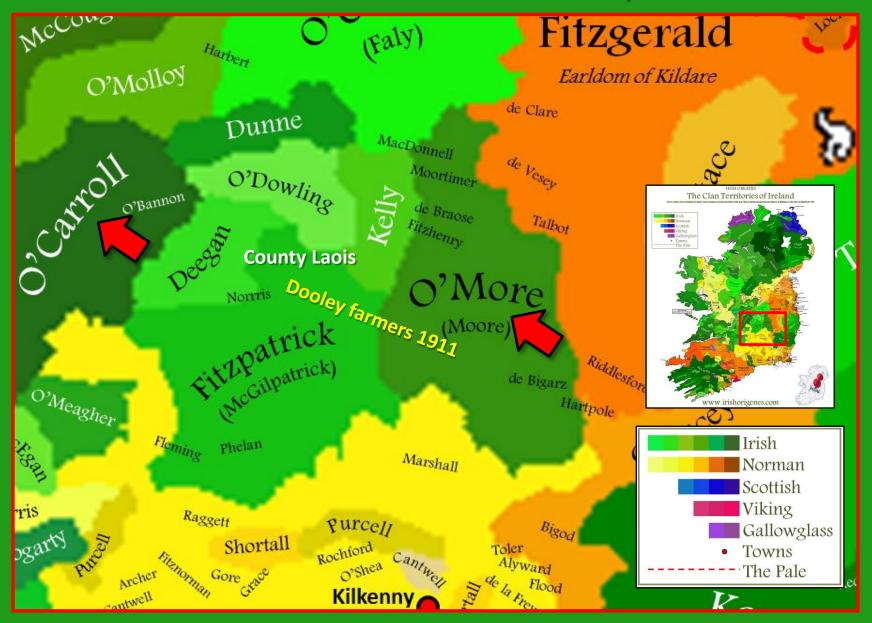
- Farmers and where they cluster
- Historical monuments i.e. Castles and Towerhouses historically associated with these Clans and Families



- Placenames (townlands, crossroads, local placenames)
- **Historical records**
- DNA evidence (test people living in the pinpointed area)



Castle locations were used to construct the Irish Origenes 'Clan Territories of Ireland Map'



I'm a scientist and I want more evidence to support the ancestral link of these Clans and Families as revealed in my DNA results with County Laois and bordering Counties

- Farmers and where they cluster
- Historical monuments i.e. Castles and Towerhouses historically associated with these Clans and Families
- Placenames (townlands, crossroads, local placenames)
- Historical records
- DNA evidence (test people living in the pinpointed area)

Irish placenames hold a wealth of information regarding the Clans that first appeared there or the Norman families that settled there.



	Y-DNA test results													
Test			67 marker results 37 marker results											
Subject	Haplogroup	exact	-1	-2	-3	-4	-5	-6	-7	exact	-1	-2	-3	-4
Dooley	R-DF21				Dooley(x6)		Carroll(x12) Springer(x6)1	Flanagan(x8)	Bowe/Bowes(x5)				Powell(x3)	Egan(x4) Martin(x5) Moore(x5) Murphy(x3) Treacy(x7)



Mr Dooley's Paternal Ancestral Genetic Homeland (where his direct male ancestor lived when he first inherited his surname 1000 years ago) @arroll (Carroll's Hill) Moore Dooley (Dooley's Bridge) Powell (Powelstown) (Moore Moorefield crossroads) Dooley Bowe (Bowe's_crossroads) Dooley (Killadooley) Dooley (Dooley's crossroads) Bowe (Moore (Mooreville crossroads) 5 miles

Mr Joseph Dooley and I share a common male ancestor





Follow Us

Home My Account Projects Family Finder Y-DNA mtDNA Other Results Resources

You have left the Interactive Tour
To continue the tour, click the Continue below. To exit the tour, click the Exit Tour Continue

Exit Tour Continue

Prage Help Interactive Tour | Feedback | Refer Friends & Family | A | A |

A | A |



25 MARKERS - 195 MATCH	ES					
Genetic Distance	Name :		Most Distant Ancestor	Y-DNA Haplogroup	Terminal SNP	Match Date
2		⚠ III Y-DNA111 FF	Teo (iberia) R1b DF27+DF81+	R-P312	P312	6/24/2009
2		⚠ III Y-DNA25	James Alnsworth, b. late 1600's, Bury, Lanc., ENG	-		3/11/2005
2		⚠ IP Y-DNA37	Pedro Arias, born c. 1685, Asturias, Spain	-		11/5/2006
2		⚠ III Y-DNA25	Bartlett	-		4/18/2004
2		⚠ III Y-DNA67 FF	William Dixon b.1662 d.1708	-		11/4/2004
2		⚠ III Y-DNA37		-		6/24/2004
1				-		7/28/2008
2		⚠ III Y-DNA25		-		4/18/2004
2			Bolgeri 1900	R-L20	L20	8/12/2009
2			Charles Bolton, 1735-1803	-		7/21/2009
2		⚠ III Y-DNA67 FF		-		2/10/2012
2		⚠ III Y-DNA37	Charles Boulton b. Va 1735 d. 1803 Milton NC	-		11/8/2011
1		III ☑ Y-DNA67	Michael Bowe, Ballycuddihy, Johnstown, Kilkenny, I	-		1/31/2012
1		⚠ III Y-DNA67	Michael Bowe, bapt son Patrick 1878 Ballyfin Laois	-		7/15/2011
2		<u>@</u>	Edmund Bowe 1726-1794, Lough, Kilkenny, Ireland	-		6/30/2010
2			Denis Boe, bef. 1800, prob. Muckalee Parish, Klike	R-DF21	DF21	4/27/2010
1	Lloyd Bowes (c/o Irish Origenes)	⚠ III Y-DNA67	John Bowes (1800s, Dublin, Ireland)	R-M269	M269	3/4/2005
1		⚠ III W Y-DNA37		-		11/13/2008
2				R-M269		6/13/2013
2		⚠ III	George Washington Brown, b. 1858 and d. 1912	R-DF21	DF21	9/18/2013
2		⚠ IIP IIP Y-DNA37		-		6/16/2008

I'm a scientist and I want more evidence to support the ancestral link of these Clans and Families as revealed in my DNA results with County Laois and bordering Counties

- Farmers and where they cluster
- Historical monuments i.e. Castles and Towerhouses historically associated with these Clans and Families
- Placenames (townlands, crossroads, local placenames)
- Historical records
- DNA evidence (test people living in the pinpointed area)





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



	Y-DNA test results													
Test		L	67 marker results 37 marker results											S
Subject	Haplogroup	exact	-1	-2	-3	-4	-5	-6	-7	exact	-1	-2	-3	-4
Dooley	R-DF21				Dooley(x6)		Carroll(x12) Springer(x6)1	Flanagan(x8)	Bowe/Bowes(x5)				Powell(x3)	Egan(x4) Martin(x5) Moore(x5) Murphy(x3) Treacy(x7)

The Cantreds of Ely O'Carroll poem by O'Heerin from 1420 describes the Kingdom of O'Carroll from the time of Brian Boru (1014AD).

"Lords to whom stoop the nuts (a very odd expression)
Are the **O'Carrolls** 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'H**egan** 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 **O'Dooley**(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.



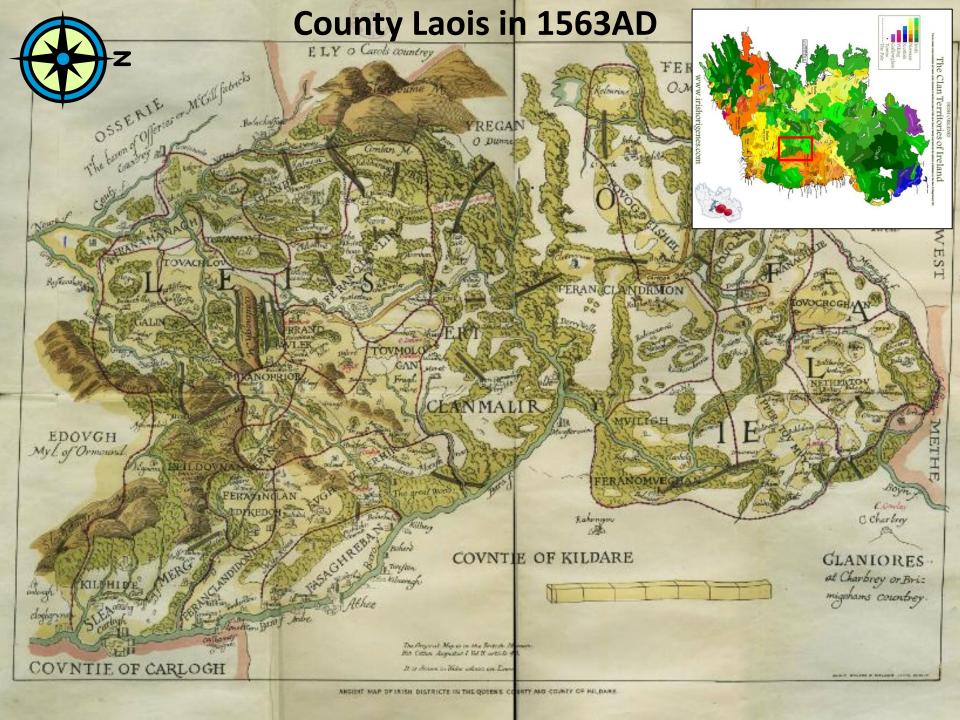




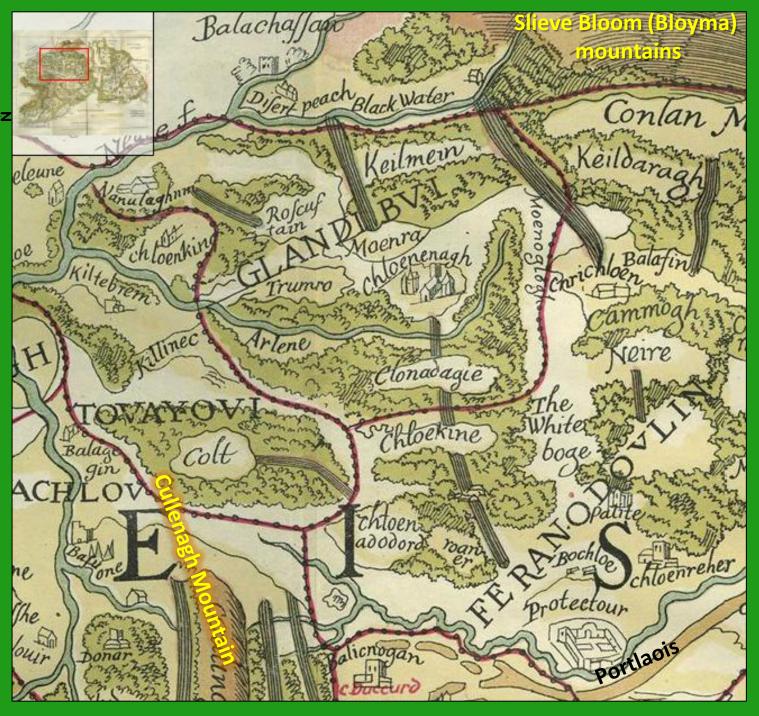
Where precisely was Clan Dooleys territory? What did Clan Dooleys territory look like?



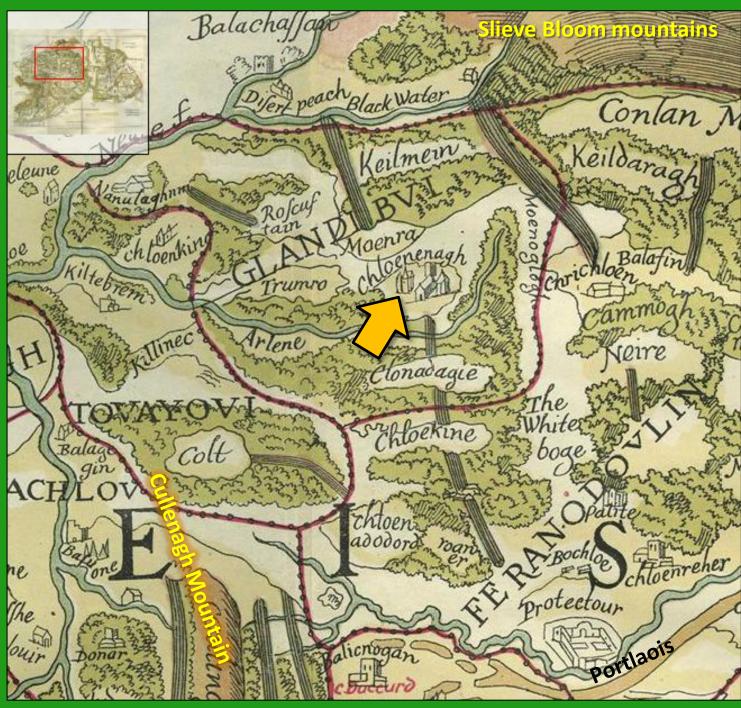




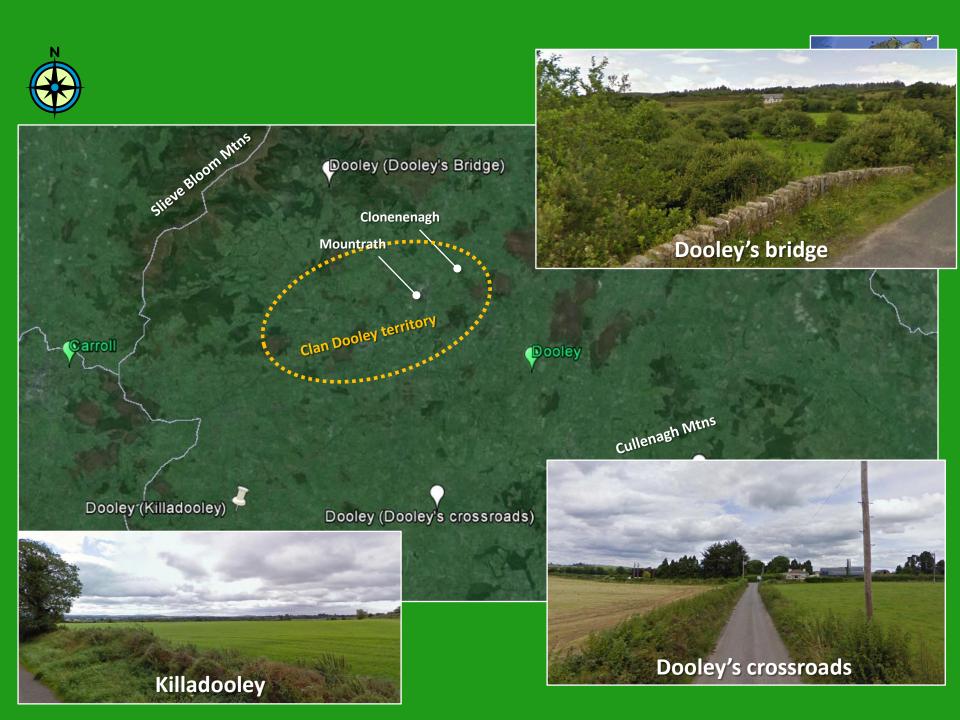


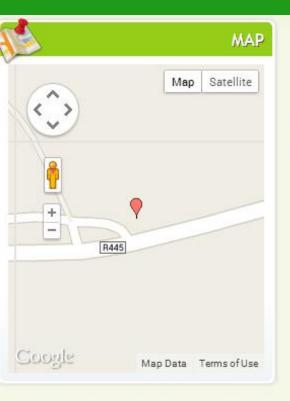












GRAVEYARD

Clonenagh Clonenagh Laois



LA-CLAH-025

By | Sunday, November 11, 2012

Location

53' 0' 39.6" N, 7' 25' 12" W Graveyard: Clonenagh Exact wording of epitaph:

IN LOVING MEMORY OF ANNE DOOLEY PORTLAOISE RD MOUNTRATH DIED 21ST MARCH 1981 AGED 78 YEARS RIP

Memorial Type: Headstone

→ Additional details

Orientation of face: E Number of components: 1

Inscribed faces: 1 Height (cm): 95 Width (cm): 56 Thickness (mm): 50

Condition of grave: Sound in place Condition of inscription: Clear Technique of inscription: Inlaid

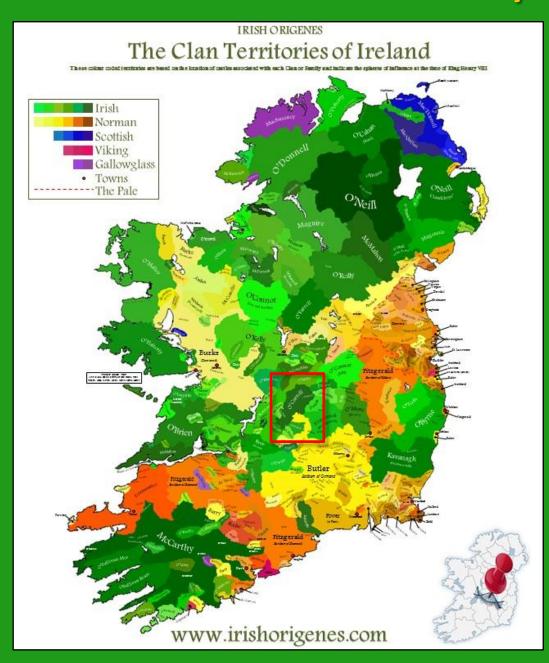
Introductory term: In loving memory of

Record Date: 1 January 2005

Laois

http://historicgraves.com/graveyard/st-fintan-s-clonenagh

Who were the Dooley Clan of Laois?

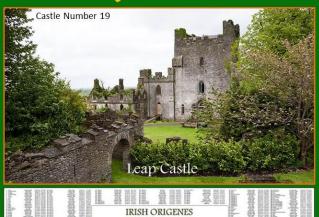


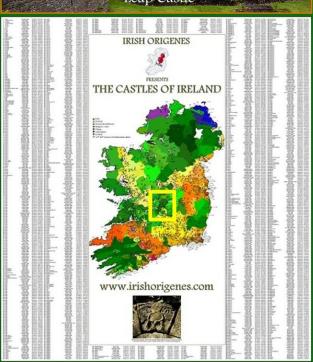
The Chief of the O'Dooley Clan was the inaugurator of the O'Carroll clan, he alone had the power to install each new O'Carroll chieftain

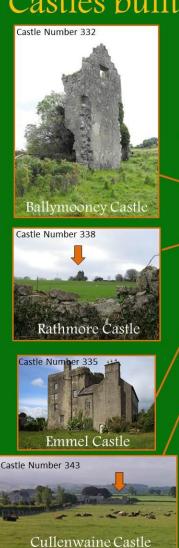


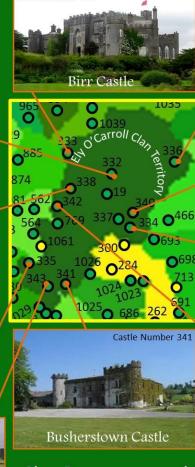
The Gaelic Irish Dooleys, Flanagans, and Bowe are related to the Ely O'Carrolls

Day 2: Tour of the Castles built by the O'Carroll Clan

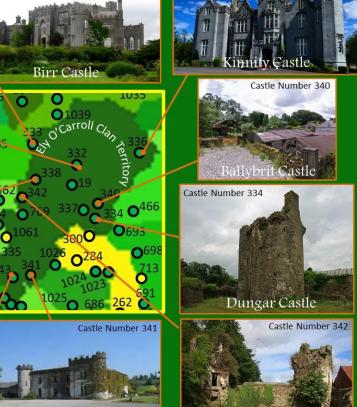








Castle Number 333

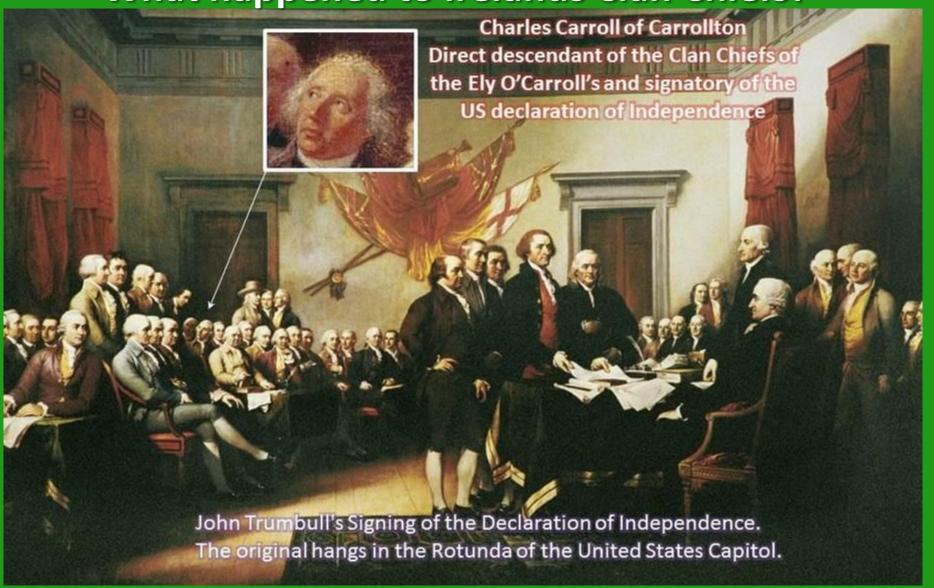


Clan Bowe emerged from the O'Carroll Clan approximately 1000 years ago



Corolanty Castle

What happened to Irelands Clan Chiefs?



I'm a scientist and I want more evidence to support the ancestral link of these Clans and Families as revealed in my DNA results with County Laois and bordering Counties

- Farmers and where they cluster
- Historical monuments i.e. Castles and Towerhouses historically associated with these Clans and Families
- Placenames (townlands, crossroads, local placenames)
- Historical records
- DNA evidence (test people living in the pinpointed area)

DNA TESTING CONFIRMS THE PATERNAL ANCESTRAL LINK WITH LAOIS

- Mr Joseph Dooleys's genealogical papertrail leads to Mountrath (Moenra) in County Laois
- Two males from Mountrath (Moenra) are a close DNA match to Mr Joseph Dooley and Dr Tyrone Bowes
- Bowe/Bowes from County Laois recruited for DNA testing are a match to Joseph Dooley and Dr Tyrone Bowes
- A direct descendant of Charles Carroll of Carrollton has DNA tested and is a DNA match to Joseph Dooley and Dr Tyrone Bowes





What else can the DNA results reveal about the Carrolls, Dooleys and Bowes etc..
How long have they been in Ireland?
Where did they come from?

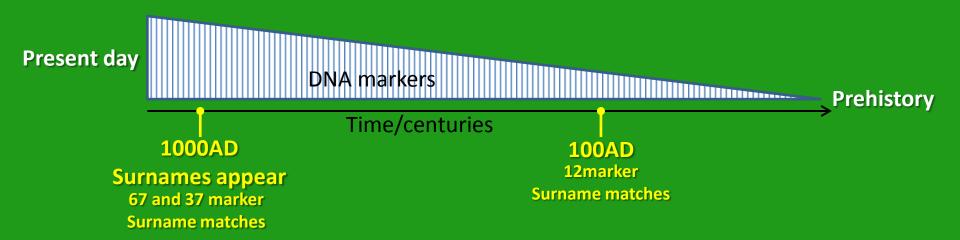
Gaelic Irish DNA 'signatures' reflect the political division (Kingdoms) of Pre-Norman Ireland





Y-DNA test results reflect shared ancestry over many millennia

67 and 37 marker surname matches reveal that the Dooley surname arose in County Laois
What will Mr Dooley's distant surname matches reveal?



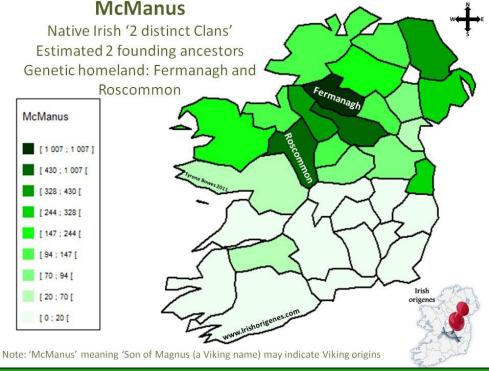
Dooley /12 marker Y-DNA matches		
Genetic Distance	Surname	Frequency
0	Manus/McManus	24
0	Maguire/McGuire	22
0	Smith	20
0	McDonald/MacDaniel	17
0	MacLeod/McLeod	17
0	Ryan	14
0	Nesbit/Nisbet	11
0	Prindle/Pringle	9
0	Robinson	9
0	Burns/Byrne	8
0	Atkison	6
0	Ferguson	6
0	Williams	6
0	Clark	5
0	Jones	5
0	Livingston	5
0	McNeil	5
0	Miller	5
0	Phillips	5
0	Rogers	5
0	Walker	5
0	Green	4
0	Johnson	4
0	Lee	4
0	Lewis	4
0	McAulay/McCauley	4
0	McCormack	4
0	Newell	4

Irish surnames

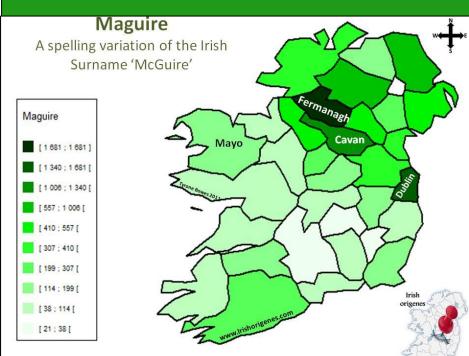
Scottish surnames

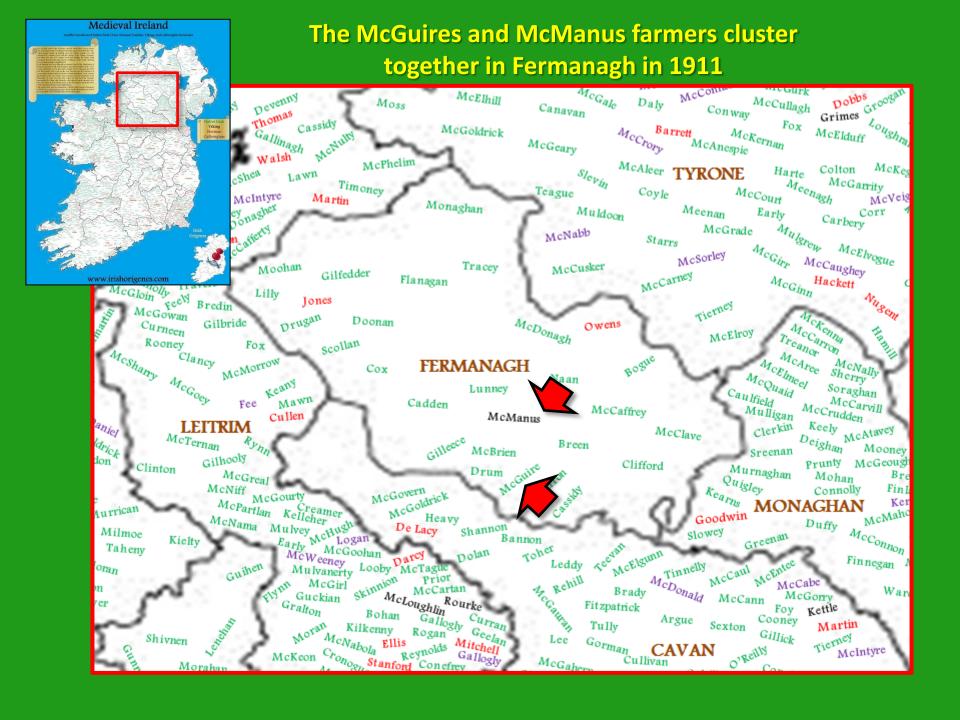
Scottish/English surnames

Welsh surnames



McManus and McGuire/Maguire are both associated with Fermanagh!





The McGuires/Maguires dominated Fermanagh

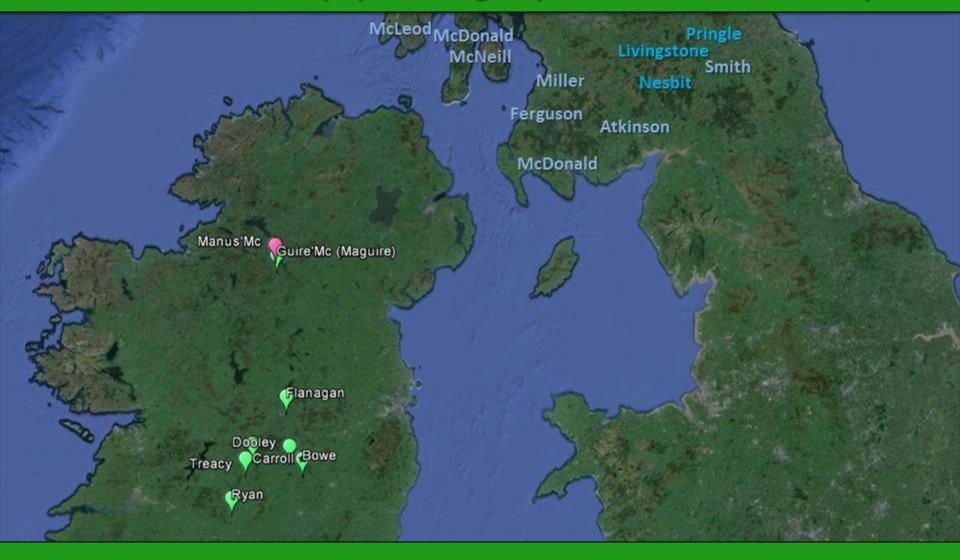


12 Marker Irish surnames are associated with Fermanagh

12 Marker Scottish surnames are associated with the South and West of Scotland



There are 3 distinct population groups with common ancestry



A story emerges!



ROMAN MAP OF THE TRIBAL GROUPS IN BRITAIN AND IRELAND



SUMMARY

- Mr Dooley's ancestral papertrail leads to Laois
- DNA has confirmed a paternal ancestral link with County Laois
- DNA indicates that the ancestral link with Laois dates from at least 1000AD (when the Dooley surname first appeared)
 - DNA reveals an earlier ancestral link with Fermanagh
 - Mr Dooley's ancestors probably arrived in Ireland in 76AD from Southeast Scotland during Tuathal Techtmar's Roman sponsored reconquest of Ireland

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



Inish Onigenes

use your DNA to rediscover your Irish heritage







MAIN MENU

Home

About me

Blog

View Case Studies

The Databases

Shop

Video Tutorial

Contact me

RESEARCH TOPICS

Surnames - The Science



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

Markey of Assetting Sections

STEP 1: Order a DNA test



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

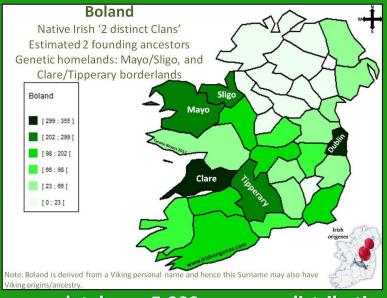
HOME

USE YOUR DNA TO REDISCOVER YOUR IRISH HERITAGE

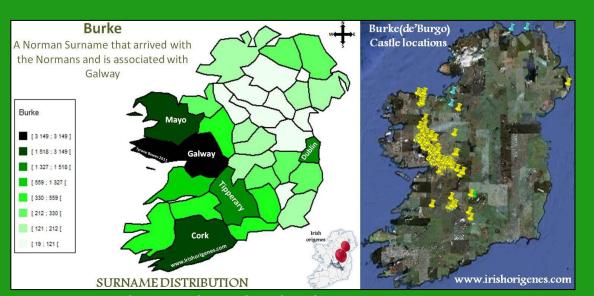
A commercial 37 marker Y chromosome DNA test will potentially provide one with the names of many hundreds of individuals with whom one shares a common male ancestor, but what often perplexes people is how one can match many individuals with different surnames? The answer is quite simple. Roughly 1,200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



Irish Origenes Open Access Databases (www.irishorigenes.com)



Surnames database: 5,000 surname distribution maps







Interactive Castles of Ireland Map

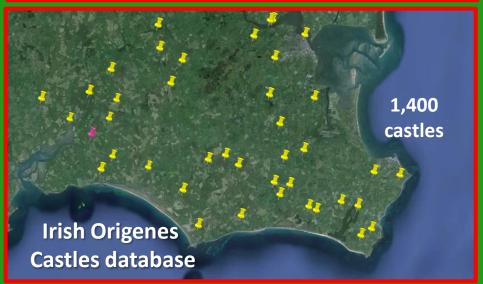
Clans and Castles database: 400 maps

Irish Origenes databases



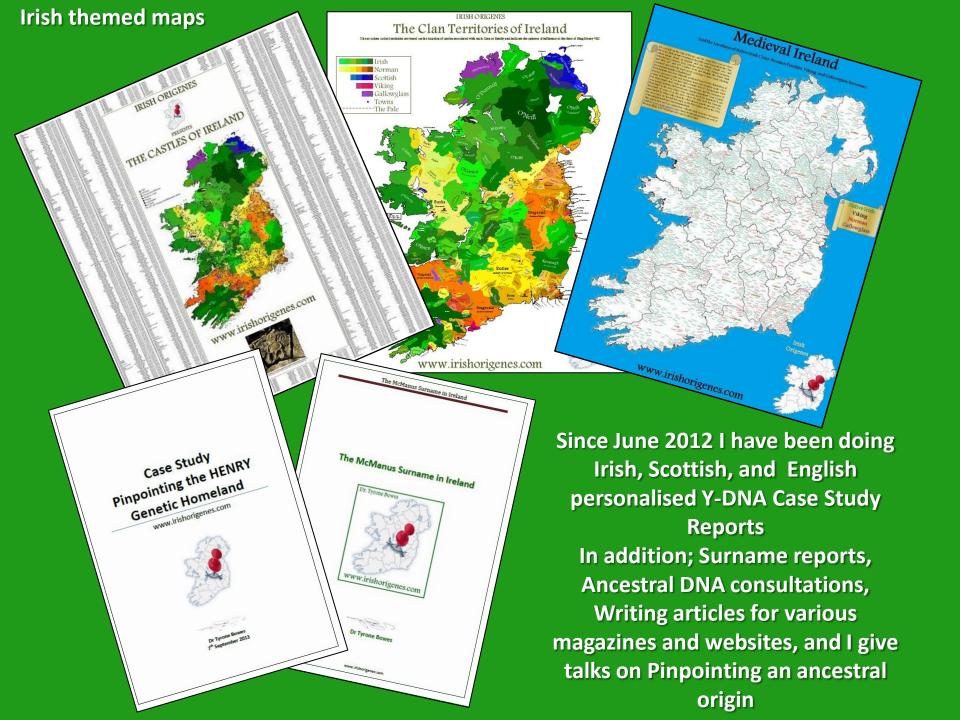






These databases allow me to pinpoint an origin for my customers using the results of a commercial ancestral Y-DNA test





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

CLICK HERE

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

MAIN MENU

About Me

Case Studies

Video Tutorial Contact Me **Useful Links**

ENGLISH

ORIGENES

ENGLISH ORIGENES

use your DNA to rediscover your English heritage

HOW TO PINPOINT YOUR

English

GENETIC HOMELAND



Dr Tyrone Bowes

Pinpointing the

CALDWELL Genetic Homeland

PRESENTATION AT FAMILY TREE

HOME

LATEST BLOG POSTS

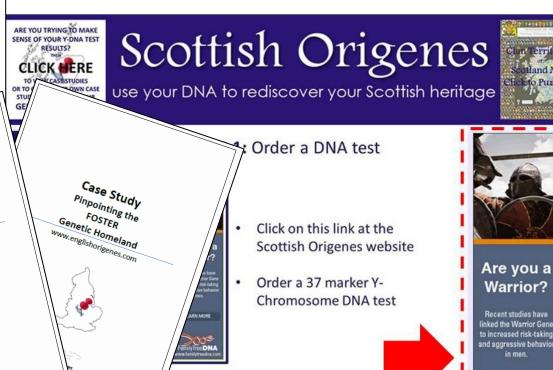
DNA



CASE STUDIES 50% Irish Case Studies 45% Scottish Case Studies **5% English Case Studies**

Click to Purchase

LEARN MORE



Contact me for a free consultation on your DNA results!

Keep an open mind as you never know where your DNA will take you!

Thank you for your time Any questions?





