

Session 3

Case Studies

Use your DNA to rediscover your Scottish Heritage

Scottish
Origenes



www.scottishorigenes.com

Use your DNA to rediscover your Irish Heritage

Irish
Origenes



www.irishorigenes.com

Use your DNA to rediscover your English Heritage

English
Origenes



www.englishorigenes.com

Dr Tyrone Bowes
tyronebowes@gmail.com



Y-DNA Case Studies

Hart

(Pinpointing a paternal origin to within a single townland)

Egan

(Viking ancestry)

Durkin

(Quality over Quantity)

McClelland

(Scots-Irish; reconstructing the paternal ancestral journey over many millennia)

Autosomal DNA Case Study

Contreras (Bain)



Hart Case Study

The Celts; Pinpointing to a specific Townland
(Test subject 'Jim Hart' living in the US)

37 MARKERS - 108 MATCHES Page: 1 2 3 4 5 of 5

Steps	Name	Most Distant Ancestor	Y-DNA Haplogroup	Terminal SNP	Match Date
0	[Redacted] Hart		-		1/22/2008
0	[Redacted] Hart	Josiah Hart , b. abt 1752, Beauford County,S.C.	R1b1a2a1a1b4	L21	2/4/2005
1	[Redacted] Vincent		-		9/21/2011
1	Mr. Bryant	Private	Private	Private	7/6/2010
1	[Redacted] Hart	Miles Hart b.c1820 Union Co. SC	-		8/20/2008
1	[Redacted] r Hart	William Hart 1817-	-		6/13/2006
2	[Redacted] O'Donoghue II	Edenderry, Offlay	R1b1a2a1a1b4h	L226	10/12/2010
2	[Redacted] Hogan		-		6/29/2009
2	[Redacted] Hogan	David Hogan, b 1773, d 1840	R1b1a2a1a1b4h	L226	1/26/2009
2	[Redacted] Kennedy	Thomas Kennedy born 1814 in Ireland	R1b1a2a1a1b4h	L226	8/4/2008
2	[Redacted] e Hart		-		9/20/2006
2	[Redacted] Donohoe	Thomas Donohoe, Born, 1840, Edenderry, Co Off,aly	R1b1a2a1a1b4h	L226	4/7/2005
3	Ms. . Grant		-		5/2/2012
3	[Redacted] Callahan	Thomas P. Callahan, b. 1874 and d. 1937	-		2/24/2012
3	[Redacted] Brown		-		11/10/2011
3	[Redacted] O'Donoghue	John Donoghue Born abt 1800 in Knockane,Toomevara	R1b1a2a1a1b4h	L226	10/23/2011
3	[Redacted] Hogan Jr.	William james Hogan, b.1750 Yadkin Valley, Caldwell	-		9/13/2011
3	O'Mahony	Private	Private	Private	6/10/2011

Mr Hart is a DNA match to other Hart's



Identify Mr Hart's genetically recurring surnames and the point at which they first appear

Test subject	37 Marker Y-DNA test							
	37 marker level					25 Marker level		
	exact	-1	-2	-3	-4	exact	-1	-2
Hart	Hart (Hartley) (Hartigan) x8	O'Brien (Bryan) (O'Briant) (Bryant) x32	Donohoe (O'Donaghue/O'Donoghue/Donahoo) x6 Hogan/Hogin (x18) Kennedy (x2) Callahan/Callaghan (x6)	Brown (x3) O'Mahony (x6) Casey (x5) Brooks (x2) Malone/Melone (x3)	Davis (x2) McCraw/McGraw (x7)* Sweetman (x2) Littrell/literal (x4) McLain (x2) Kelly (x8) Butler (x13) West (x2) Rines (x2) Neal/O'Neill (x4)	Thomas (x2) Wallace (x2)	Carey (x5) McHone (x2) McDonnell (x2) Noland (x3)* Crowe (x3) Dorcy/D'Arcy (x2)	Roach (x2) Slattery (x2) McCoy/Coy (x2) O'Connor/Connor (x2) Tierney (x2) O'Halloran (x2) Murphy/Murphey (x2) Keane/Kane (x2)

Some surnames appear more frequently!

(a recurring surname is more likely to represent a surname of a medieval neighbour)

Irish surnames

English/Norman/Welsh surnames

Scottish surnames

(in brackets are the number of different people with each surname)

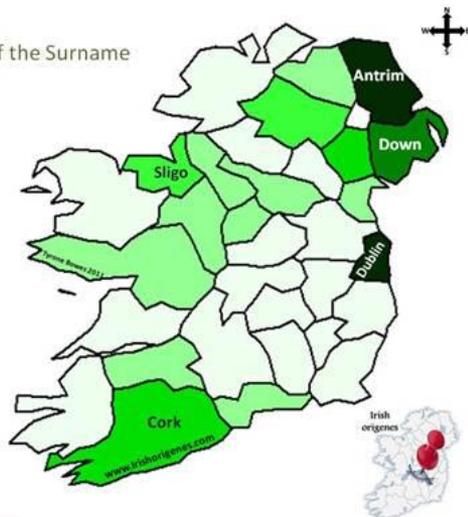
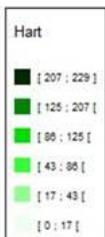


Problem: Many surnames like 'Hart' may have arisen in multiple different locations

All surnames derived from the Gaelic personal name 'Art.'

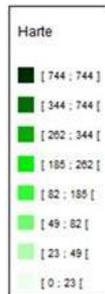
Hart

A spelling variation of the Surname 'Harte'



Harte

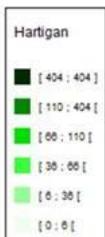
Native Irish '4 distinct Clans'
Estimated 4 founding ancestors
Genetic homeland: Sligo, Cork, Tyrone and Meath



Note: Some 'Harte's in the Northeast are associated with 16th and 17th Century settlement.

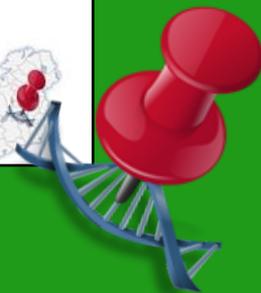
Hartigan

Native Irish '1 distinct Clan'
Estimated 1 founding ancestor
Genetic homeland: Limerick

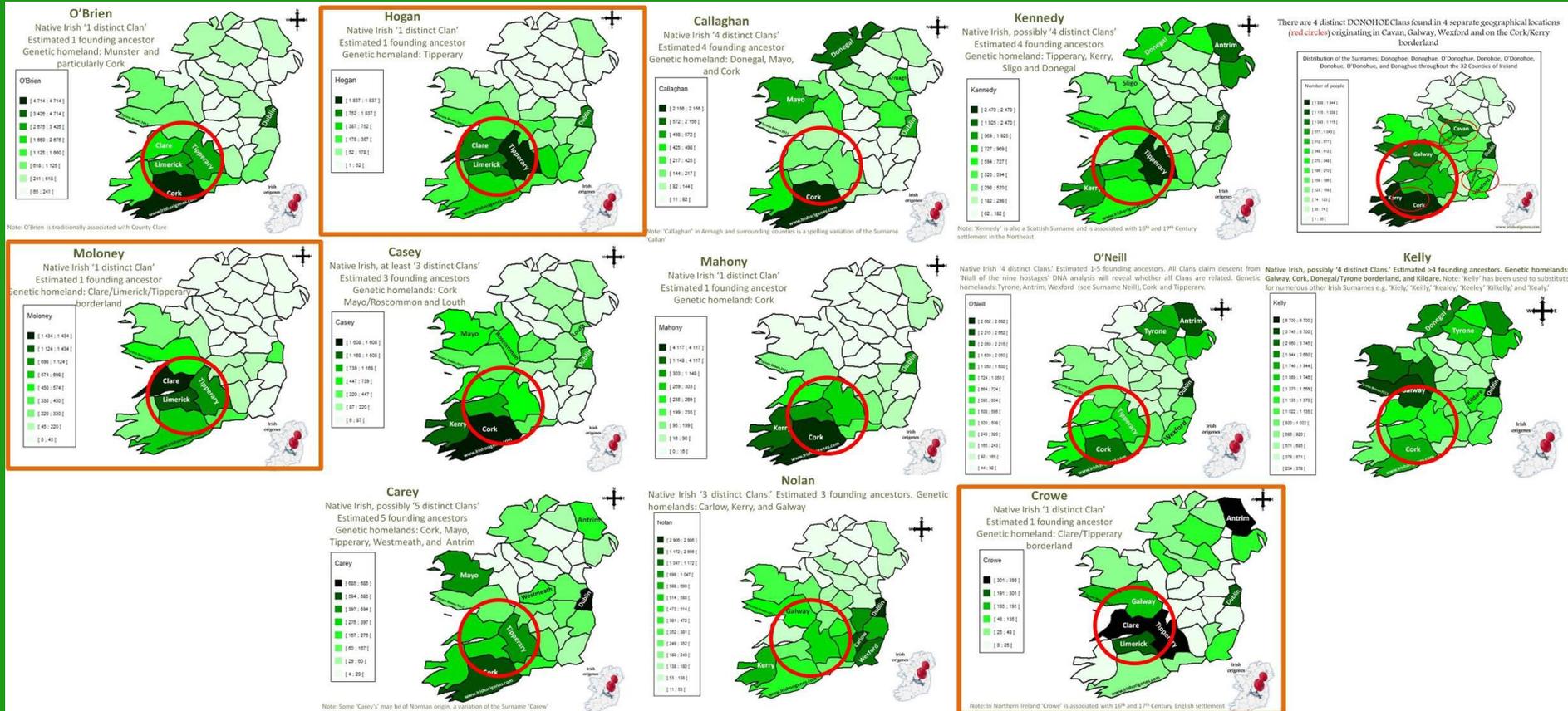


Harty

Native Irish '1 distinct Clan'
Estimated 1 founding ancestor
Genetic homeland: Limerick/Tipperary borderland



Examine the distribution of Mr Hart's genetically recurring surname matches using the Irish Origenes surname distribution database



<http://www.irishorigenes.com/surnames-database>

These recurring surnames arose among related males living in a specific location and should therefore localise to a single area (red circle)



STEP 3: Stick pins on the identified (recurring) surnames in the areas where they occur on the Irish Origenes Surnames of Ireland Map!
This map shows where farmers with each surname cluster in 1911

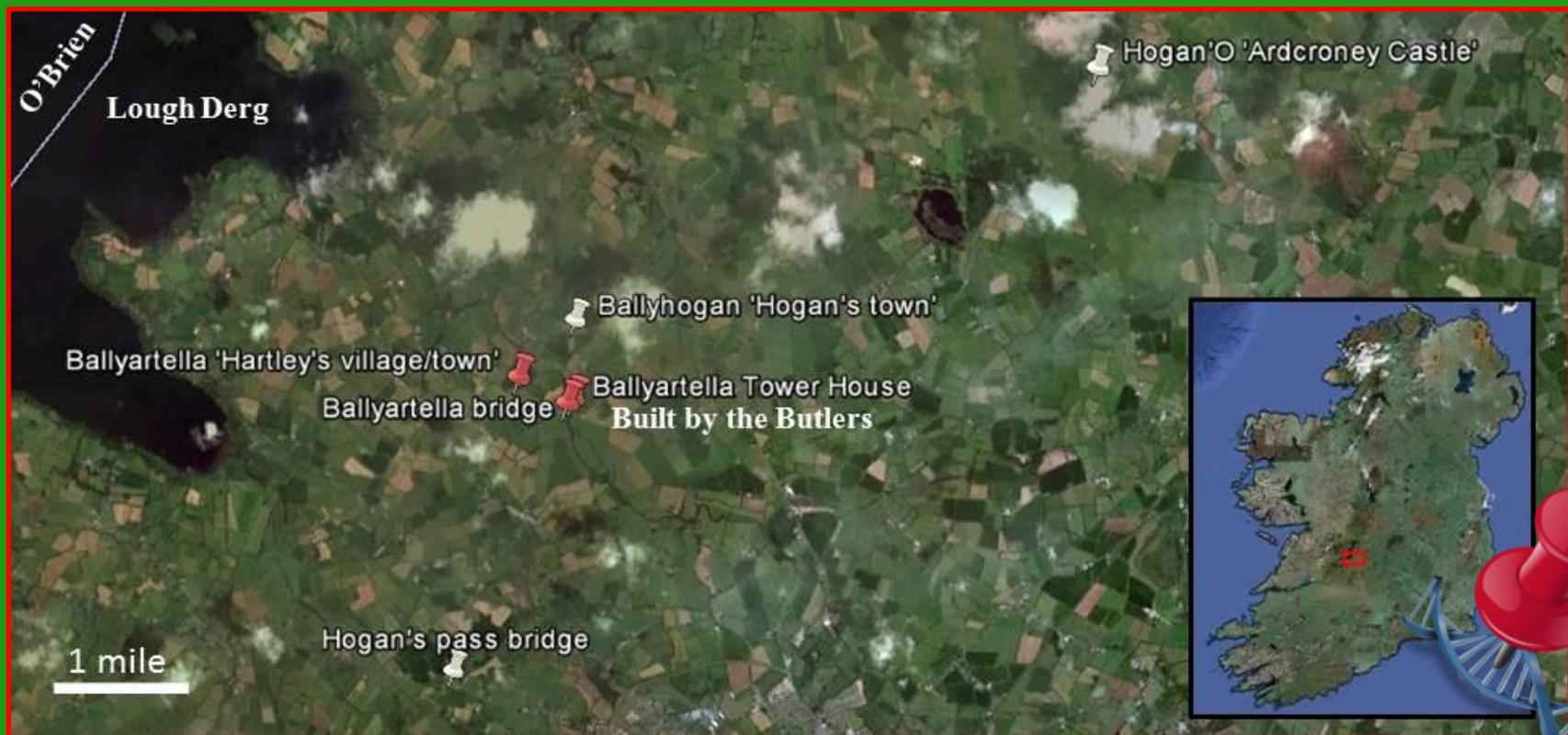


see a pattern emerge to reveal your paternal ancestral genetic homeland!



STEP 5: An examination of placenames reveals Mr Harte's Paternal Ancestral Genetic Homeland

Test subject	37 Marker Y-DNA test							
	37 marker level				25 Marker level			
	exact	-1	-2	-3	-4	exact	-1	-2
Hart	<p>Hart (Hartary) (Hartigan) x8</p>	<p>O'Brien (Bryan) (O'Briant) (Bryant) x32</p>	<p>Donohoe (O'Donaghue/O'Donoghue/Donahoo) x6 Hogan/Hogin (x18) Keane (x2) Callan (x6)</p>	<p>Brown (x3) O'Mahony (x6) Casey (x5) Brooks (x2) Malone/Melone (x3)</p>	<p>Davis (x2) McCraw/McGraw (x7)* Sweetman (x2) Littrell/literal (x4) McLain (x2) Kelly (x8) Butler (x13) Neal (x2) Neal (x4)</p>	<p>Thomas (x2) Wallace (x2)</p>	<p>Carey (x5) McHone (x2) McDonnell (x2) Noland (x3)* Crowe (x3) Dorcy/D'Arcy (x2)</p>	<p>Roach (x2) Slattery (x2) McCoy/Coy (x2) O'Connor/Connor (x2) Tierney (x2) O'Halloran (x2) Murphy/Murphey (x2) Keane/Kane (x2)</p>



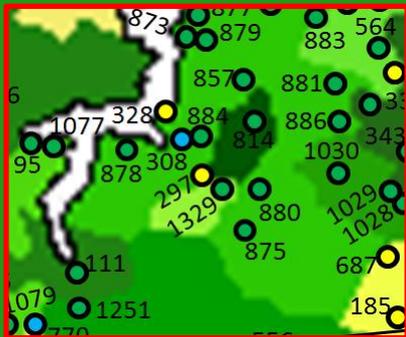
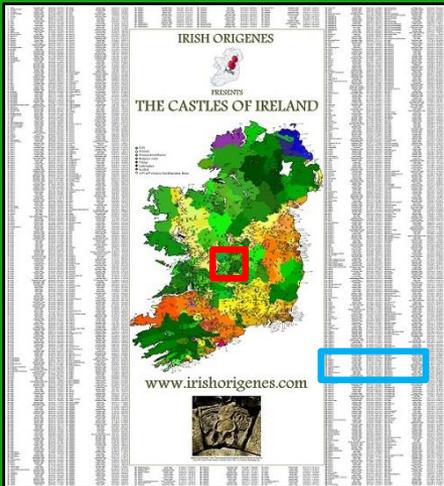
Ballyartella or 'HartleysTown'

Test subject	37 Marker Y-DNA test								
	37 marker level					25 Marker level			
	exact	-1	-2	-3	-4	exact	-1	-2	
Hart	Hart (Hartary) (Hartigan) x8 	O'Brien (Bryan) (O'Briant) (Bryant) x32	Donohoe (O'Donoghue/O'Donoghue/Donahoo) x6 Hogan/Hogin (x18) Kennedy (x2) Callanan Maghan (x6)	Brown (x3) O'Mahony (x6) Casey (x5) Brooks (x2)	Malone/Melone (x3)	Davis (x2) McCraw/McGraw (x7)* Sweetman (x2) Littrell/literal (x4) McLain (x2) Kelly (x8) Butler (x13) West (x2) Rines (x2) Neal/O'Neill (x4)	Thomas (x2) Wallace (x2)	Carey (x5) McHone (x2) McDonnell (x2) Noland (x3)* Crowe (x3) Dorcy/D'Arcy (x2)	Roach (x2) Slattery (x2) McCoy/Coy (x2) O'Connor/Connor (x2) Tierney (x2) O'Halloran (x2) Murphy/Murphey (x2) Keane/Kane (x2)



Ballyartella Bridge

Test subject	37 Marker Y-DNA test							
	exact	-1	37 marker level			25 Marker level		
			-2	-3	-4	exact	-1	-2
Hart	Hart (Hartary) (Hartigan) x8	O'Brien (Bryan) (O'Briant) (Bryant) x32	Donohoe (O'Donoghue/O'Donoghue/Donahoo) x6 Hogan/Hogin (x18) Kennedy (x2) Callahan/Cullaghan (x6)	Brown (x3) O'Mahony (x6) Casey (x5) Brooks (x2) Malone/Melone (x3)	Davis (x2) McCraw/McGraw (x7)* Sweetman (x2) Littrell/literal (x4) McLain (x2) Kelly (x8) Butler (x13) W... (x2) Nea... (x4)	Thomas (x2) Wallace (x2)	Carey (x5) McHone (x2) McDonnell (x2) Noland (x3)* Crowe (x3) Dorcy/D'Arcy (x2)	Roach (x2) Slattery (x2) McCoy/Coy (x2) O'Connor/Connor (x2) Tierney (x2) O'Halloran (x2) Murphy/Murphey (x2) Keane/Kane (x2)



305	Butler/Flood	'Paulstown Castle'	52°39'41.18"N	7° 1'17.25"W
306	Butler/Sherlock	'Butlerstown Castle'	52°13'42.39"N	7°11'3.61"W
307	Butler?	'Ballyglasheen Castle'	52°22'44.90"N	7°35'33.68"W
308	Butlers/Kennedy'O	'Ballyartella Castle'	52°54'5.75"N	8°14'22.74"W
309	Butlers?	'Shanballyduff Castle'	52°29'13.94"N	7°55'9.59"W
310	Byrne'O	'Knockrath Castle'	52°58'21.59"N	6°17'4.65"W
311	Byrne'O	'Dunragh Castle'	52°32'21.21"N	6° 6'1.77"W

Placenames associated with 4 of Mr Harte's most numerous and prominent genetic matches represented in this small area!



DNA testing of Harts, Hartes, Hartarys in the surrounding countryside should confirm the link to this area

Case Study 2: Viking ancestry

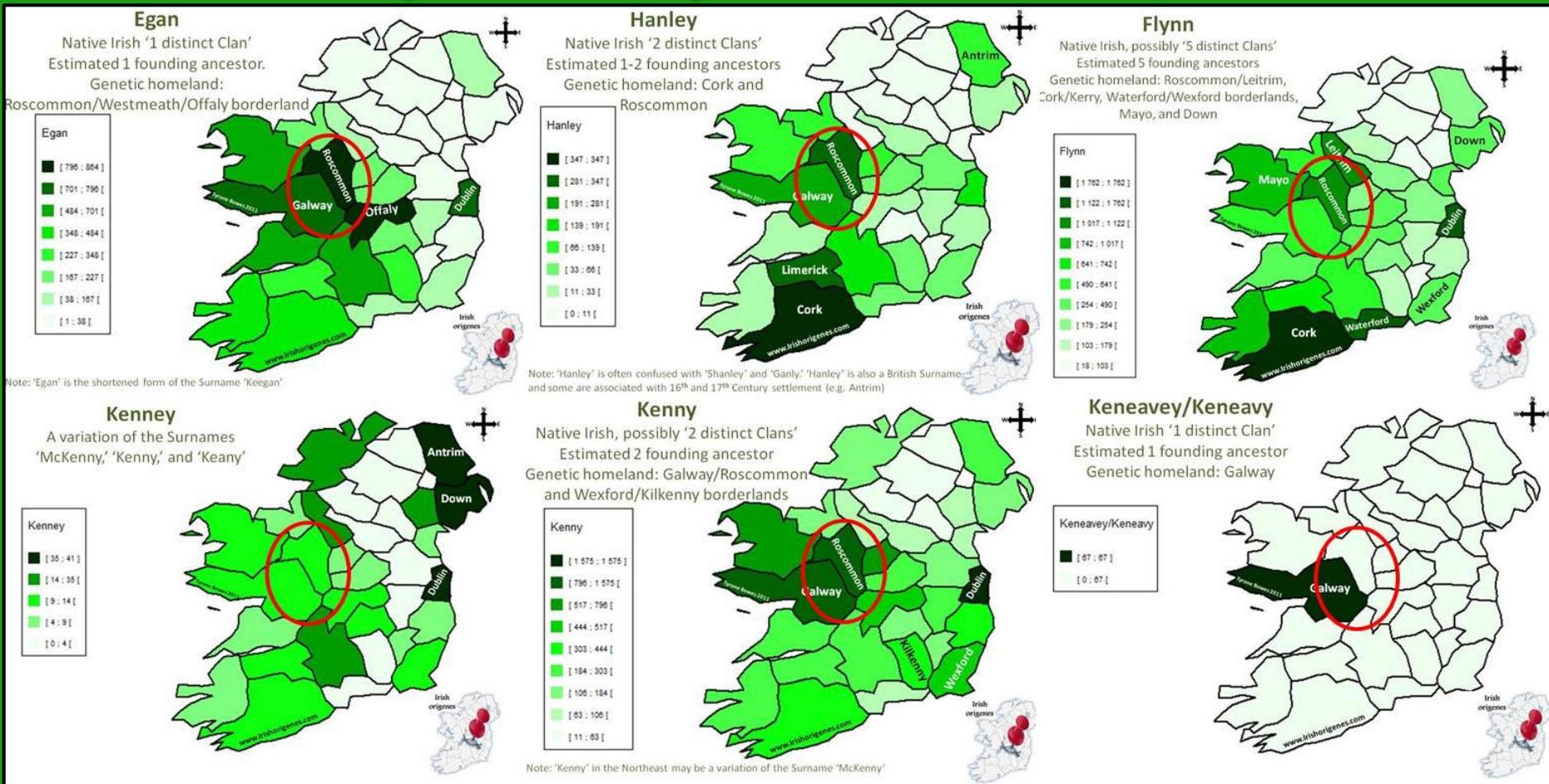
Test subject: Mr Egan, lives in the USA

Identify Mr Hart's genetically recurring surnames and the point at which they first appear

Test subject	37 Marker Y-DNA test							
	37 marker level					25 Marker level		
	exact	-1	-2	-3	-4	exact	-1	-2
Egan	-	-	-	Kaney/Kenney (x3)	Flynn(x2)	-	Painter(x2) ¹ Hanley(x2)	Keaveney(x2)

Mr Egan does not match other Egans!

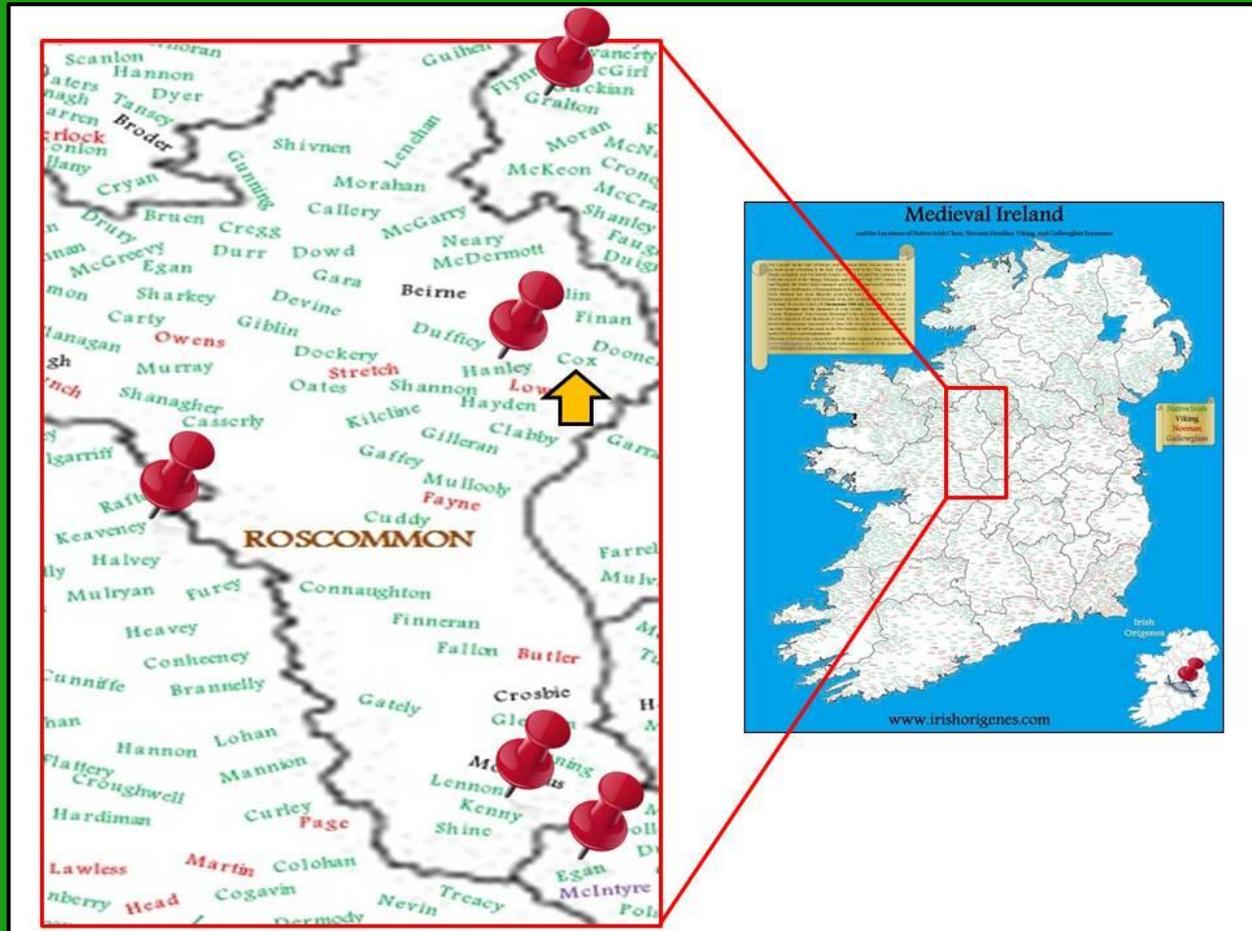
Examine the distribution of Mr Egan's genetically recurring surname matches using the Irish Origenes surname distribution database



<http://www.irishorigenes.com/surnames-database>

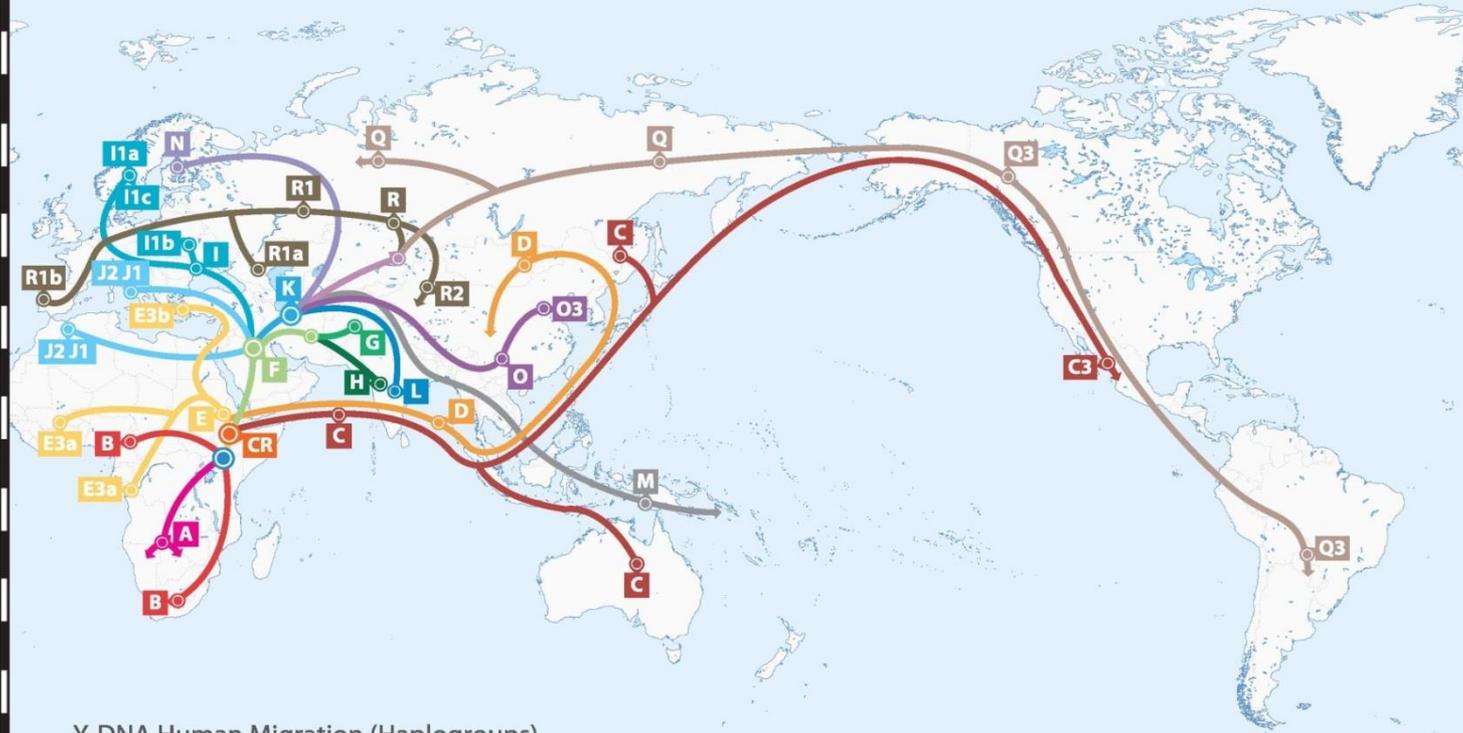
These recurring surnames arose among related males living in a specific location and should therefore localise to a single area (red circle)

An examination of the Irish Origenes Surnames of Ireland Map reveals an association with County Roscommon



Mr Egan's Ia2 Haplogroup is rare in Ireland but common in Scandinavia where the Vikings originate
His reoccurring surname matches cluster either side of the Shannon river (Ireland's longest river)

Y-DNA HAPLOGROUPS

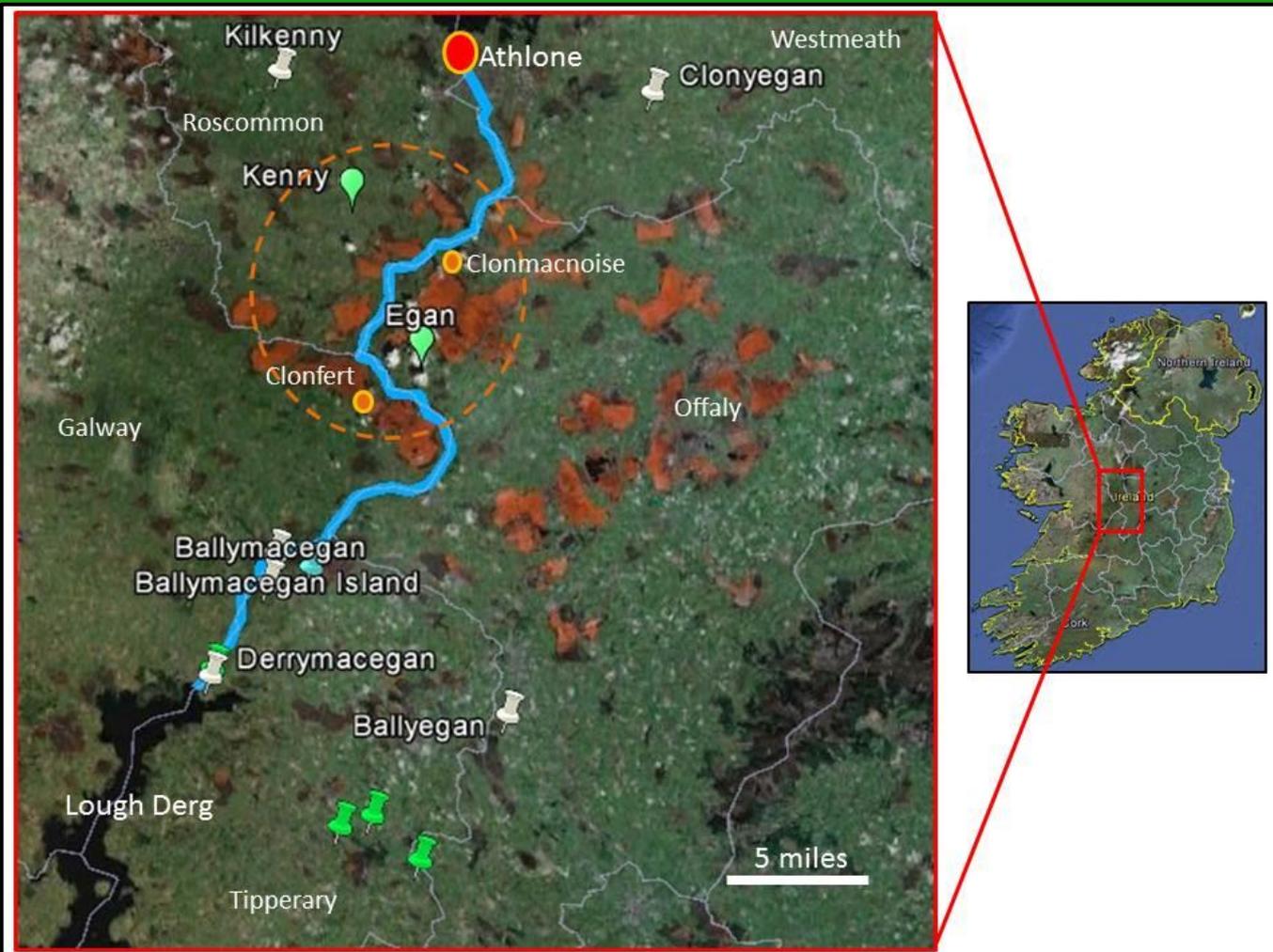


Y-DNA Human Migration (Haplogroups)
Thousands of Years Ago

A	60	I	25	O	35
B	50	J1	25	O3	10
CR	50	J2	20	P	35
D	50	G	20	Q	20
C	50	H	30	Q3	10
E	50	K	40	R1	30
E3a	20	L	30	R1a	10
E3b	30	M	10	R1b	25
F	45	N	10		

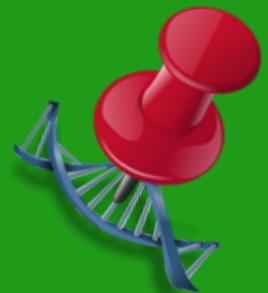


Mr Egan's Genetic Homeland between the medieval religious sites of Clonmacnoise and Clonfert



White Pins = placenames
Green Pins = Egan Castles
Green balloons = Farmers
Blue line = river Shannon

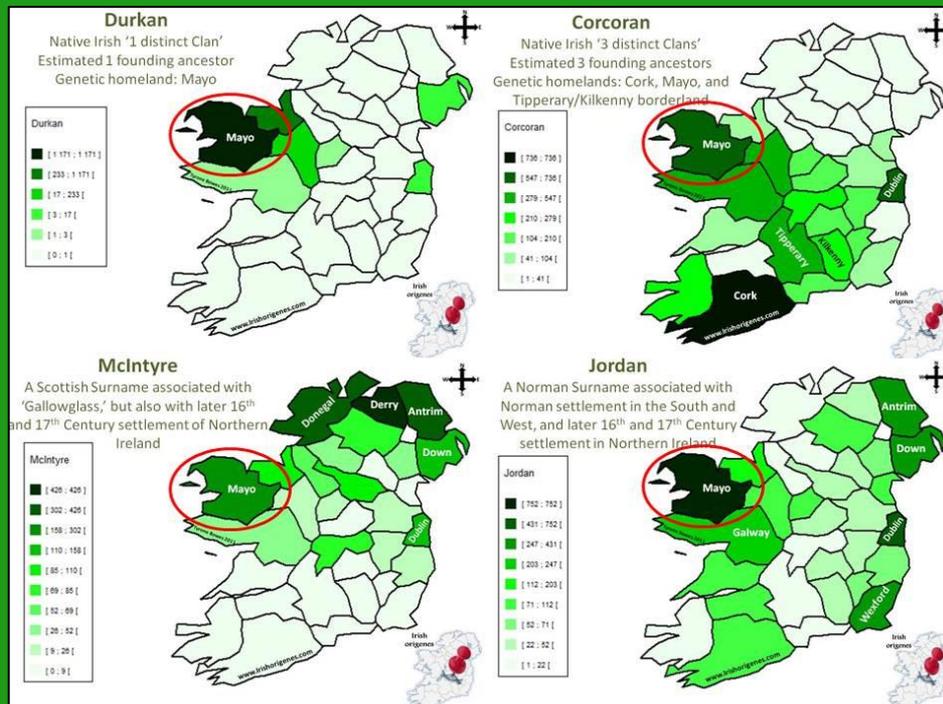
Viking origins can be confirmed by Y-DNA analysis



Durkin Y-DNA Case Study

The method of pinpointing a paternal ancestral origin within Ireland using commercial ancestral Y-DNA testing can be *very sensitive*!!

37 MARKERS - 4 MATCHES		Screenshot of Mr Durkin's DNA matches					
Steps	Name		Most Distant Ancestor	Y-DNA Haplogroup	Terminal SNP	Match Date	
2	██████████ Corcoran		Y-DNA67	Bernard Corcoran	R1b1a2	M269	11/16/2012
3	██████████ Jordan		Y-DNA37	John Jordan d 1850 Pike, Wyoming Co, NY	-		11/16/2012
4	██████████ McIntyre		Y-DNA67	Michael McIntyre, bc 1830	R1b1a2a1a1b	P312	11/16/2012
4	██████████ Malcolm		Y-DNA37	George Malcolm, b. abt. 1675, Scotland	R1b1a2	M269	11/16/2012



www.irishorigenes.com/surnames-database

37 MARKERS - 4 MATCHES

Screenshot of Mr Durkin's matches

Steps	Name	Y-DNA	Most Distant Ancestor	Y-DNA Haplogroup	Terminal SNP	Match Date
2	[Redacted] n. Corcoran	Y-DNA67	Bernard Corcoran	R1b1a2	M269	11/16/2012
3	[Redacted] Jordan	Y-DNA37	John Jordan d 1850 Pike, Wyoming Co, NY	-		11/16/2012
4	[Redacted] McIntyre	Y-DNA67	Michael McIntyre, bc 1830	R1b1a2a1a1b	P312	11/16/2012
4	[Redacted] n Malcolm	Y-DNA37	George Malcolm, b. abt. 1675, Scotland	R1b1a2	M269	11/16/2012



www.irishorigenes.com/store/comprehensive-surnames-ireland-map

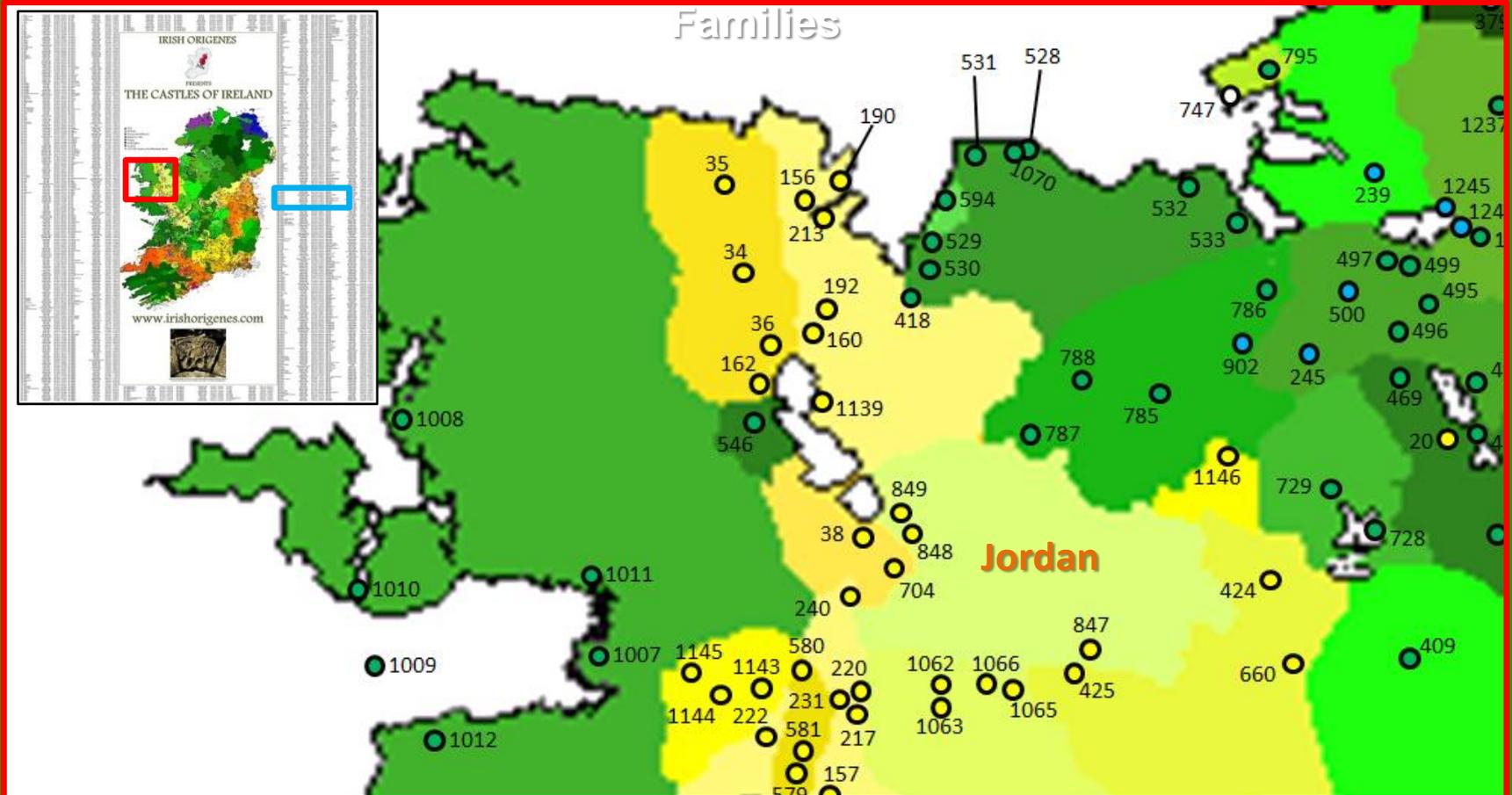
Screenshot of Mr Durkin's DNA matches

Steps	Name	Most Distant Ancestor	Y-DNA Haplogroup	Terminal SNP	Match Date
2	██████████ Corcoran	Y-DNA67 Bernard Corcoran	R1b1a2	M269	11/16/2012
3	██████████ Jordan	Y-DNA37 John Jordan d 1850 Pike, Wyoming Co, NY	-		11/16/2012
4	██████████ McIntyre	Y-DNA67 Michael McIntyre, bc 1830	R1b1a2a1a1b	P312	11/16/2012
4	██████████ Malcolm	Y-DNA37 George Malcolm, b. abt. 1675, Scotland	R1b1a2	M269	11/16/2012

DNA results typically reveal shared ancestry to a prominent Clan and Family who ruled over ones genetic homeland



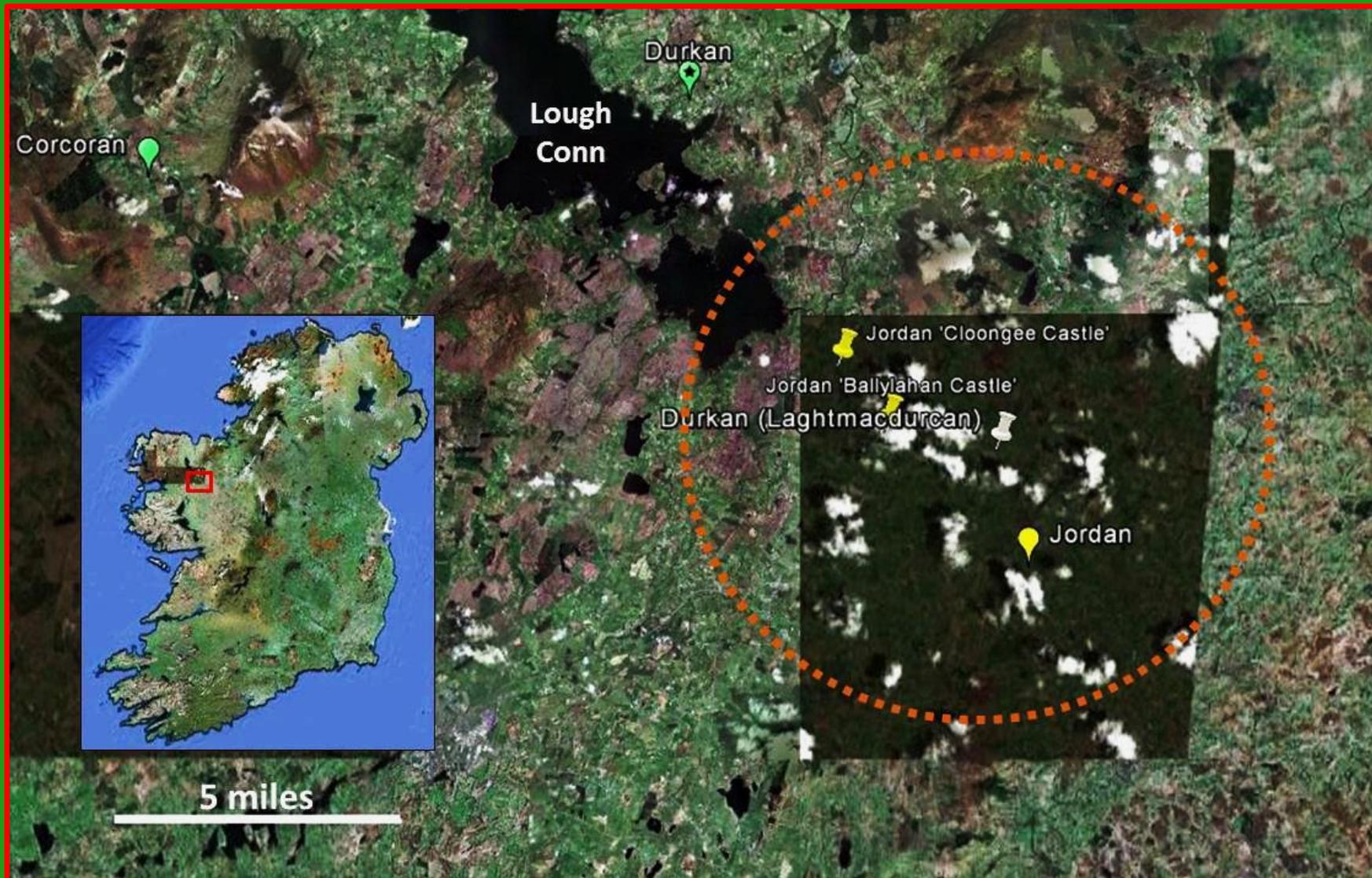
These Clan territories were reconstructed based on the location of castles and towerhouses that are historically associated with the most prominent Clans and



www.irishorigines.com/store/castles-map

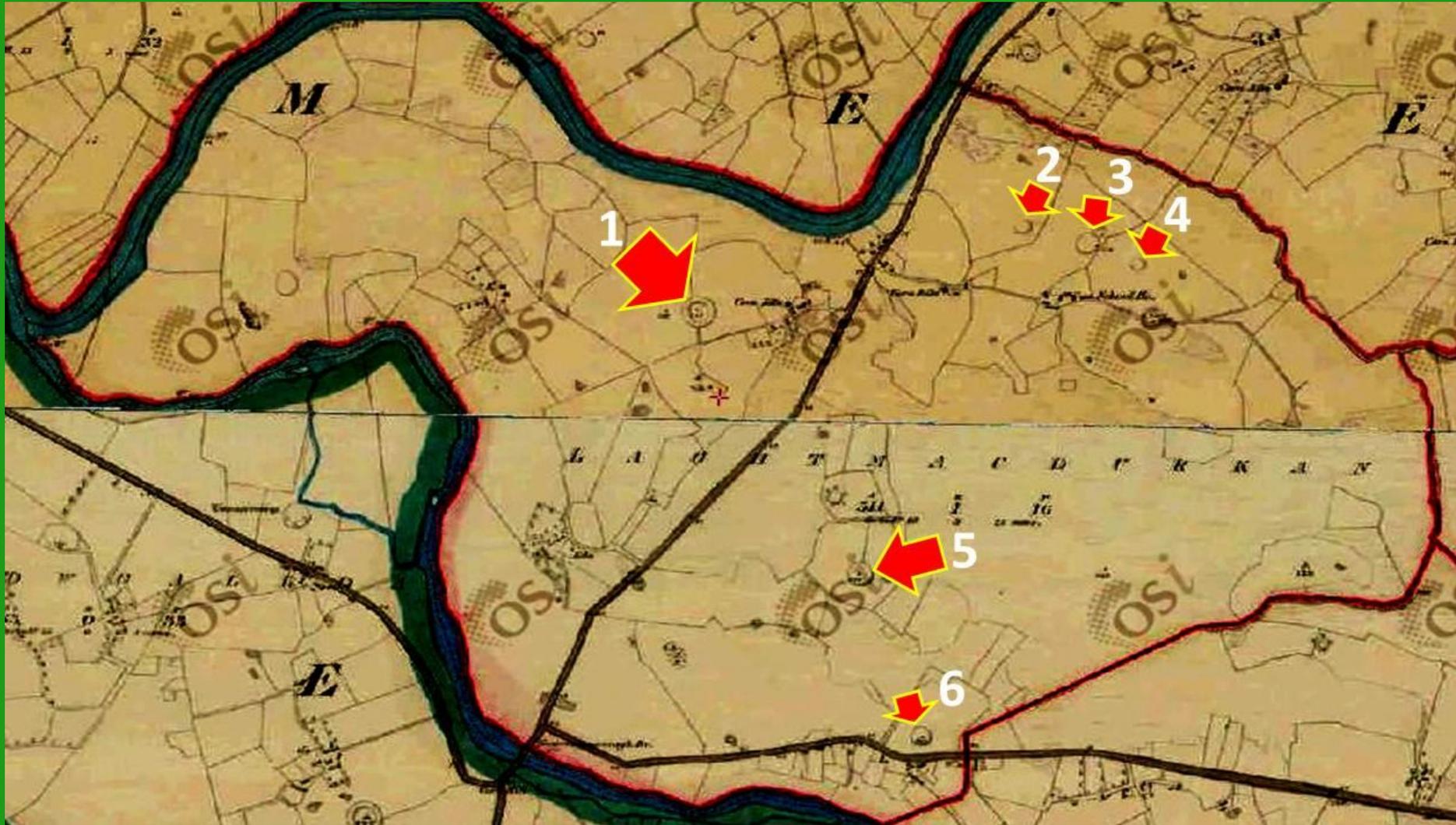
847	Jordan	'Rath Castle'	53°50'28.70"N	8°49'10.34"W
848	Jordan	'Ballylahan Castle'	53°55'59.08"N	9° 6'17.85"W
849	Jordan	'Cloonjee Castle'	53°57'5.14"N	9° 7'27.39"W
850	Jordan	'Jordan's Castle'	54°15'32.92"N	5°36'23.35"W

An Examination of the placenames in the area surrounding Lough Conn reveals Laght**macdurcan**



Source: Irish Origenes surnames, castles, and placenames databases

Laghtmacdurcan 'Burial site of the MacDorcans'



Ordnance Survey Ireland Historical Mapping 1829-41
<http://www.osi.ie/>

Laghtmacdurcan 'burial mounds of the MacDorcans'



Google Earth and OSI <http://www.osi.ie/>

Mr Norman McClelland

Prominent Irish American



McClelland Irish Library, Phoenix, Arizona



Aims to become the centre of Irish American Genealogical Research



They encourage both traditional and modern DNA methods

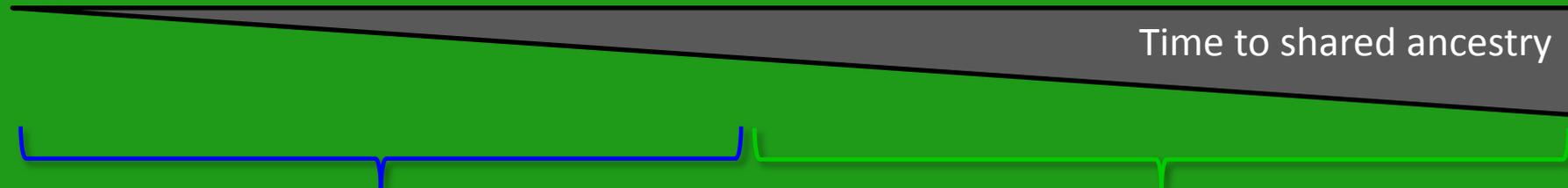
Mr McClelland's Y-DNA Case Study

The DNA can reveal one's paternal ancestral journey over many thousands of years

Test subject: Mr McClelland, lives in the USA

Test subject	67 marker level							
	exact	-1	-2	-3	-4	-5	-6	-7
McClelland	-	-	McClelland(x12)	-	McKenzie/MacKenzie(x3) Carnes(x3) McGee/Magee(x11) Dowdy/Dowda(x4) Smith(x10) Burns(x9) Wilson(x6)	Haslett/Hazlett(x3) McCall(x3) McNeill/MacNeill(x3) O'Brien(x3)/Bryan(x2) Lawson(x4) O'Kane/Kane(x3) Cox(x4) Riley/Reilly/O'Reilly(x8) Murphy(x8)1 McElhane(x3) Robertson(x11) Doherty/Daugherty/Dorrity(21) Clancy(x4) Adams(x4)/MacAdams(x4)/McAdam(x2) O'Donnell (x3) Cannon(x3) Manley/Munley/Munnelly(x7) Patterson(x11) Byrne(x9) McDonald(x3) McLaughlin(x10)/McLachlan(x1) Strain(x8) Moore(x6)/More(x1) McWilliams/Williams(x9) Gilmore/Gilmer/Gilmour(x6) Young(x4)	Bell(x4) McSorley/MacSorley(x5) McGinnis/McInnis(x3) Fahy/Fahey(x4) Ferguson(x6) Davis(x5) Campbell(x15) Donohoe/Donahue(x5) McHarg/McHarg/Meharg(x6) Rafferty/O'Rafferty(x3) Maddox/Maddux/Maddax(x3) McPherson/MacPherson/Forson(x3) Lee(x6) Quinn(x5) Lane(x9) McAnally(x6) McAuley/McCauley(x5)/Hawley(x1) Cowan(x16) Bradley(x3) Corrigan(x4) Cain/McCain/McCane/Kane(x8) Kennedy(x8) Brune(x1)/Brown(x4) Towey(x3) Duffy/Duffee/Duffey(x3) Hughes(x5)	Douglas(x4) McMullen(x1) /Mullen(x3)/Mullin(x1) Riney(x2)/Raney(x2)/Rainey(x1) Darcy(x3)/Dorsey(x8) Glenn(x3)/Glynn(x1) McMurray/Murray (x7) McDowell(x4)/Dowell(x4) Fannin/Fanning(x4) Ward(x3) Glass(x3) Kelly/Kelley(x7) Milligan(x5)/Milliken(x2)/Mullican(x2)/Mullikin(x2) Manion/Manning/Manion(x4) McAlister/MacAlister(x4)/McCollister(x1) McGrory/McCrory(x5) Boyle/Boyles(x3) Jones(x3) Reynolds(x3) McKee(x7) Martin(x4) Phillips(x4) McKinney/MacKinney(x3) McClory(x1)/McClure(x3) Lynn(x3) Gray(x8) Hayes/Hays(x3)

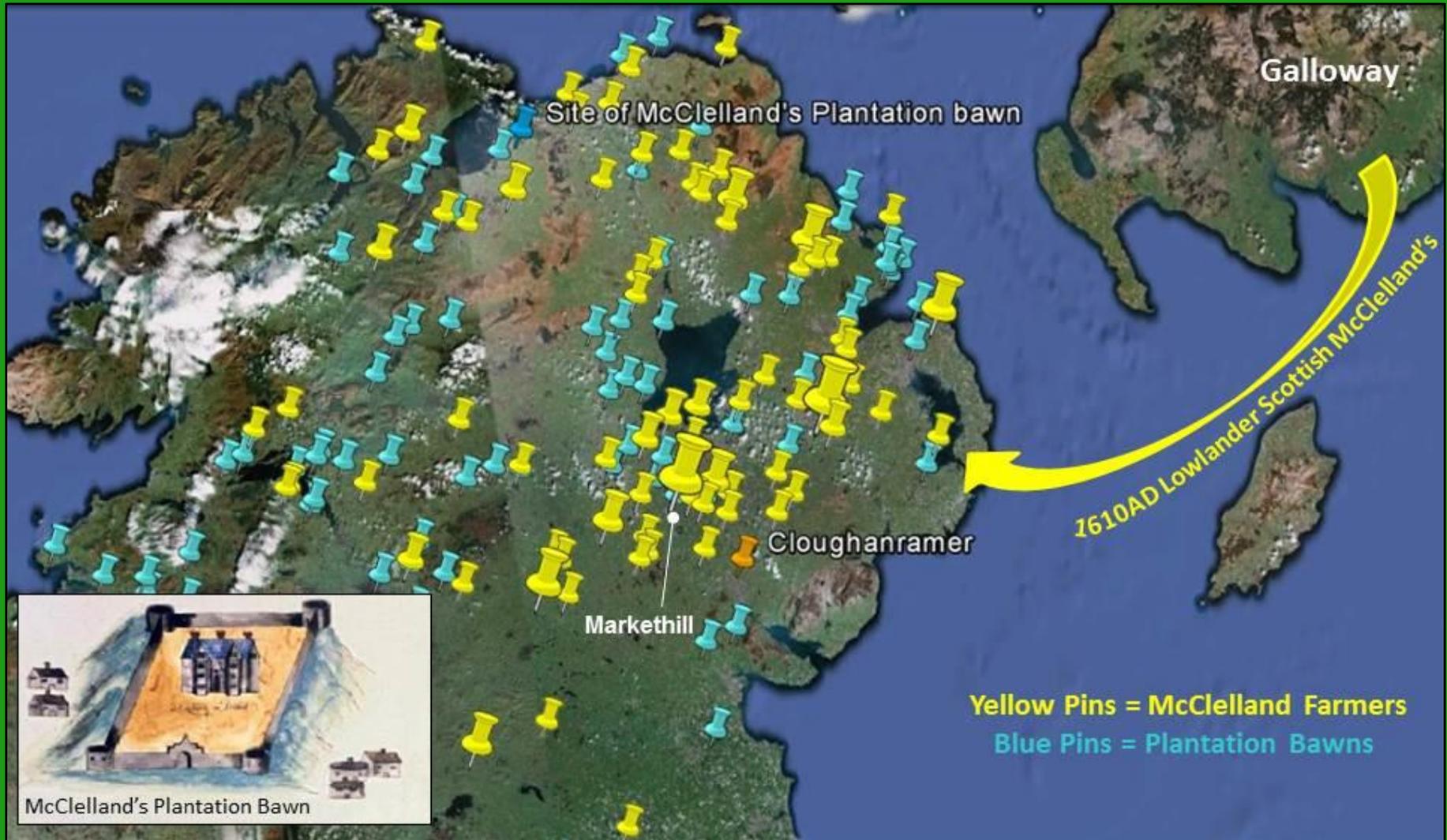
TIMELINE	2000-1800AD	1800-1600	1600-1400	1400-1200	1200-1000	1000-800	800-600	600-400AD
HISTORICAL EVENTS				McClelland's first recorded in 1217AD	Conquest of Galloway by Norse-Gaels	Inherited paternal surnames appear in Ireland		



Scottish Surnames predominate

Irish Surnames predominate

Mr McClelland's Scots-Irish ancestry



Around 1610AD Mr McClelland's ancestors arrived in Ireland from Scotland

Mr McClelland's Y-DNA results

Test subject	67 marker level							
	exact	-1	-2	-3	-4	-5	-6	-7
McClelland	-	-	McClelland(x12)	-	McCamris/McCammish/McKemish(x3)/McAmis(x3) McKenzie/MacKenzie(x3) Carnes(x3) McGee/Magee(x11) Dowdy/Dowda(x4) Smith(x10) Burns(x9) Wilson(x6)	Haslett/Hazlett(x3) McCall(x3) McNeil/MacNeill(x3) O'Brien(x3)/Bryan(x2) Lawson(x4) O'Kane/Kane(x3) Cox(x4) Riley/Reilly/O'Reilly(x8) Murphy(x8)1 McEhaney(x3) Robertson(x11) Doherty/Daugherty/Dorrity(21) Clancy(x4) Adams(x4)/MacAdams(x4)/McAdam(x2) O'Donnell (x3) Cannon(x3) Manley/Munley/Munnely(x7) Patterson(x11) Byrne(x9) McDonald(x3) McLaughlin(x10)/McLachlan(x1) Strain(x8) Moore(x6)/More(x1) McWilliams/Williams(x9) Gilmore/Gilmer/Gilmour(x6) Young(x4)	Bell(x4) McSorley/MacSorley(x5) McGinnis/McInnis(x3) Fahy/Fahey(x4) Ferguson(x6) Davis(x5) Campbell(x15) Donohoe/Donahue(x5) McHarg/McHarg/Meharg(x6) Rafferty/O'Rafferty(x3) Maddox/Maddux/Maddax(x3) McPherson/MacPherson/Forsen(x3) Lee(x6) Quinn(x5) Lane(x9) McAnally(x6) McAuley/McCauley(x5)/Hawley(x1) Cowan(x16) Bradley(x3) Corrigan(x4) Cain/McCain/McCane/Kane(x8) Kennedy(x8) Brune(x1)/Brown(x4) Towey(x3) Duffy/Duffee/Duffey(x3) Hughes(x5)	Douglas(x4) McMullen(x1) /Mullen(x3)/Mullin(x1) Riney(x2)/Raney(x2)/Raney(x1) Darcy(x3)/Dorsey(x8) Glenn(x3)/Glynn(x1) McMurray/Murray (x7) McDowell(x4)/Dowell(x4) Fannin/Fanning(x4) Ward(x3) Glass(x3) Kelly/Kelley(x7) Milligan(x5)/Milliken(x2)/Mullican(x2)/Mullikin(x2) Manion/Manning/Manion(x4) McAlister/MacAlister(x4)/McCollister(x1) McGroary/McCrory(x5) Boyle/Boyles(x3) Jones(x3) Reynolds(x3) McKee(x7) Martin(x4) Phillips(x4) McKinney/MacKinney(x3) McClory(x1)/McClure(x3) Lynn(x3) Gray(x8) Hayes/Hays(x3)

TIMELINE 2000-1800AD 1800-1600 1600-1400 1400-1200 1200-1000 1000-800 800-600 600-400AD

HISTORICAL EVENTS McClelland's first recorded in 1217AD Conquest of Galloway by Norse-Gaels Inherited paternal surnames appear in Ireland

0-200 years

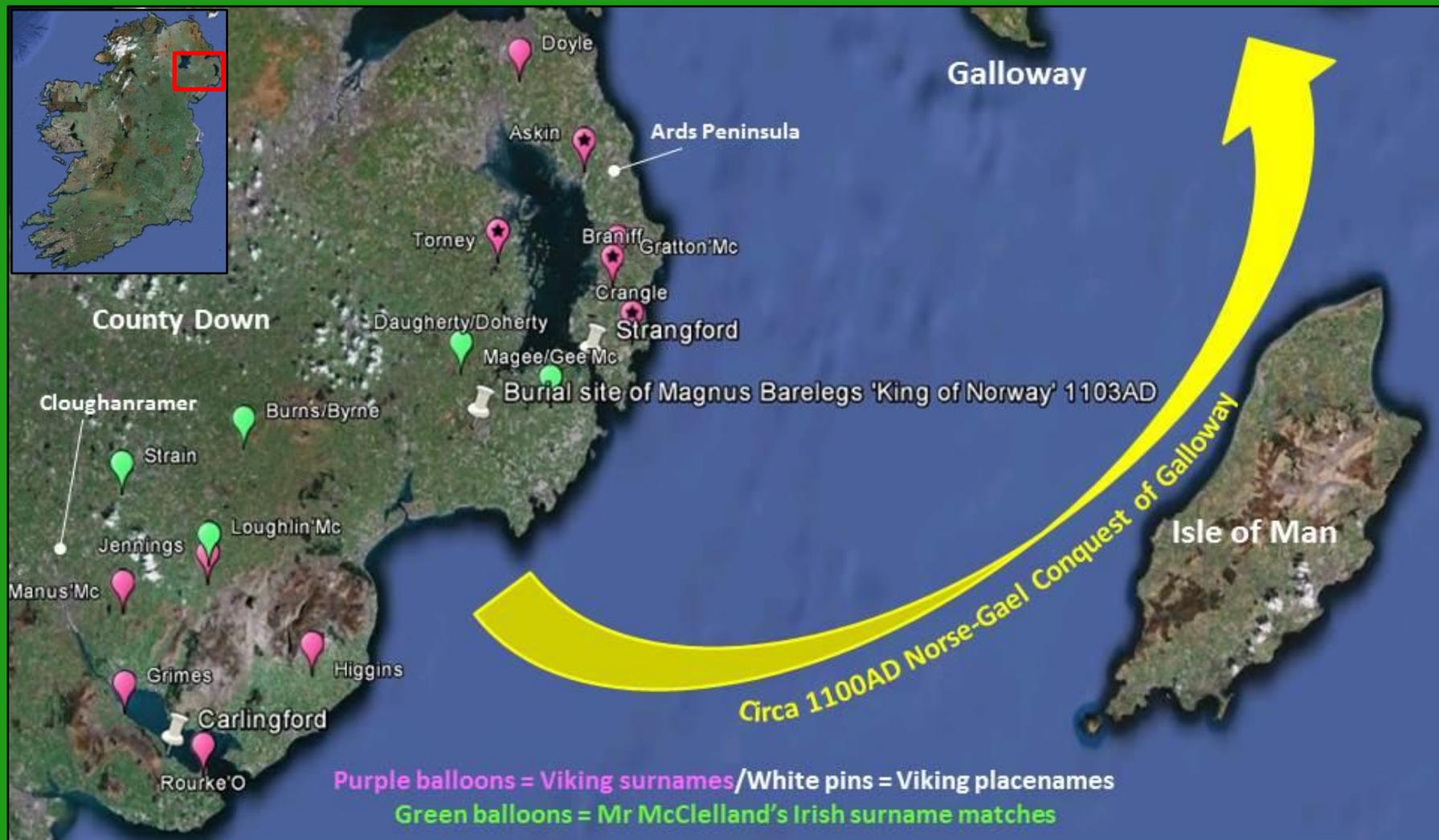
Time to shared ancestry

1600 years

Scottish Surnames predominate

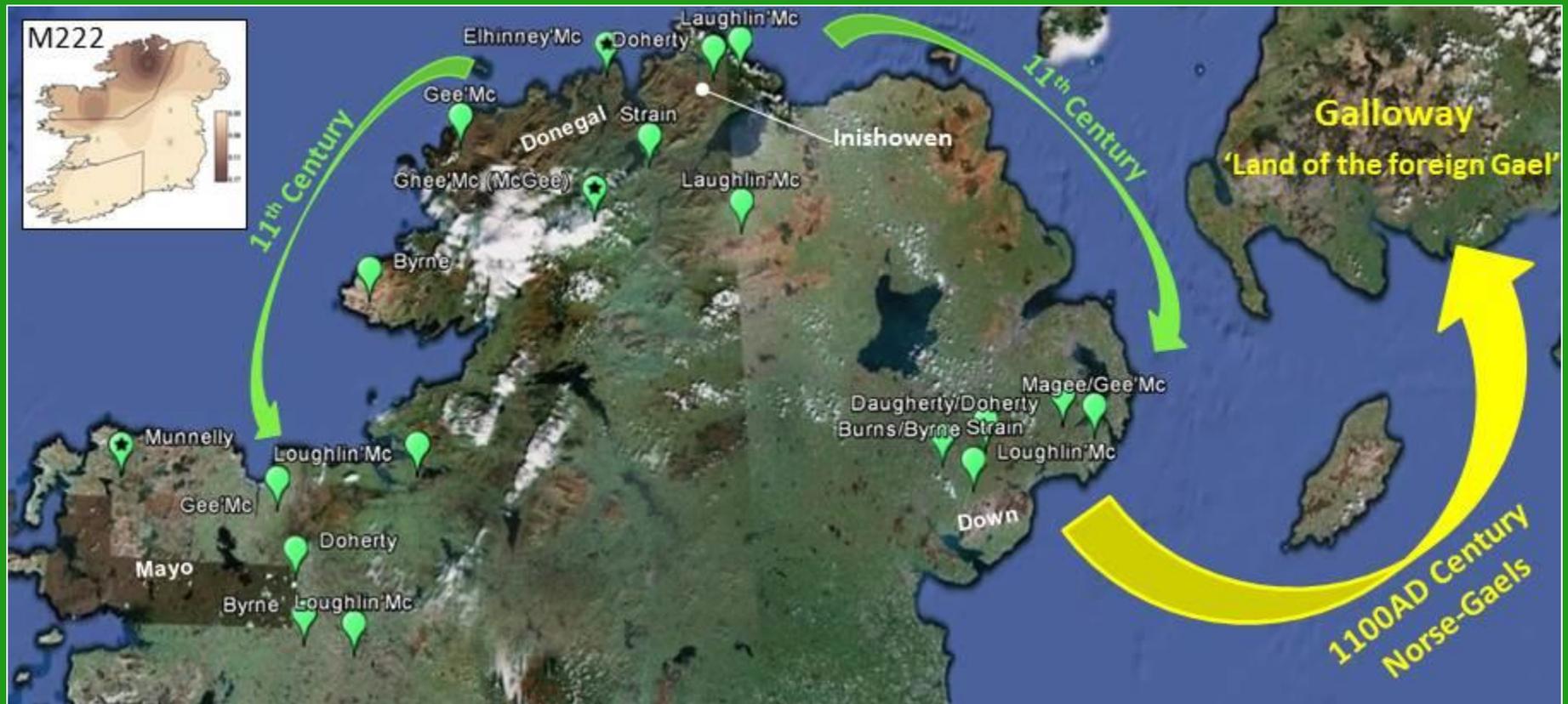
Irish Surnames predominate

Galloway was conquered by a mix of Vikings and Irish (led by Magnus Barelegs King of Norway) in about 1100AD



Mr McClelland's Irish surname matches as revealed by the DNA test results places his ancestors in County Down in about 1100AD

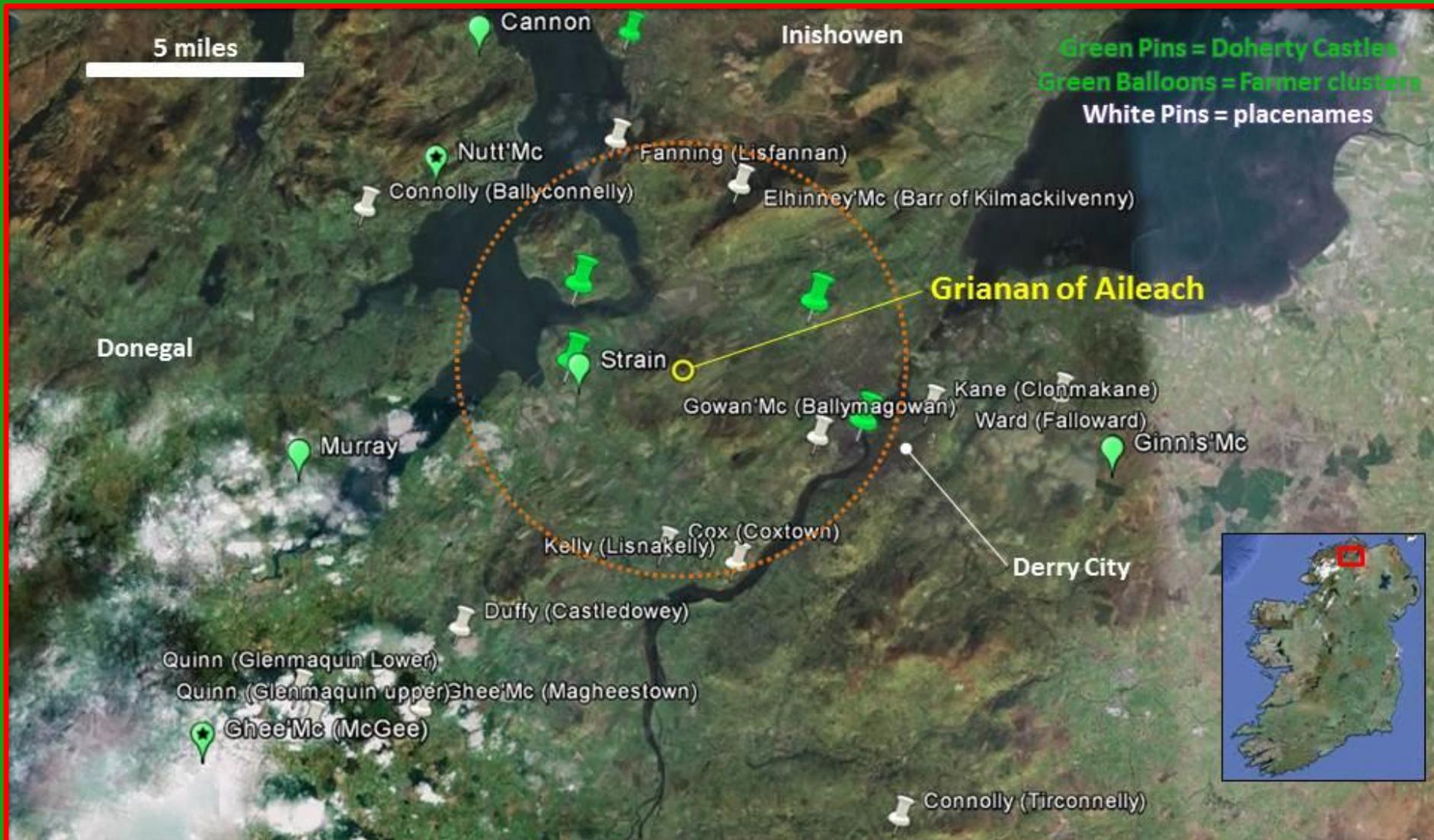
The McClelland carries the M222 genetic marker which originates in the far northwest Ireland where his Irish surname matches cluster



Mr McClelland's ancestor left northwest Ireland in about 1000AD

Mr McClelland's Paternal Ancestral Genetic Homeland

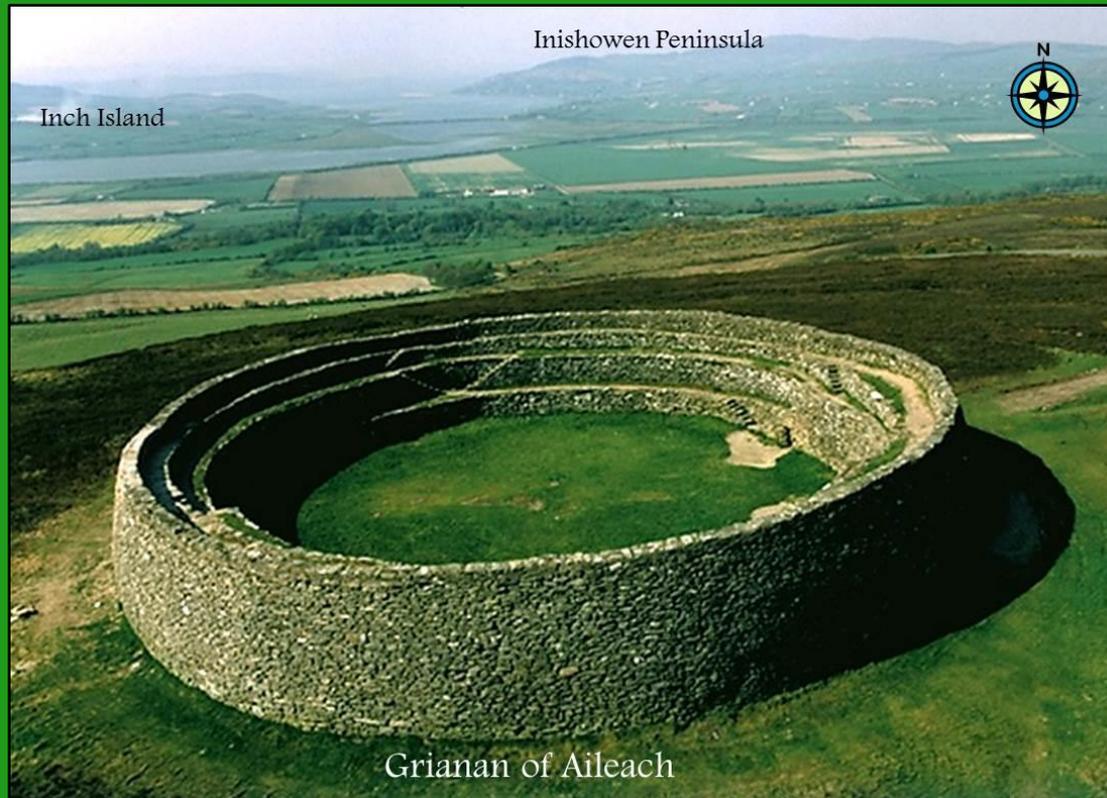
Until about 1000AD Mr McClelland's paternal ancestors were living near the Inishowen peninsula



Mr McClelland's Irish surname matches cluster close to **Aileach**

Mr McClelland's paternal ancestral journey

The M222 DNA mutation appeared in a male living close to Aileach between 8000 and 2000 years ago.



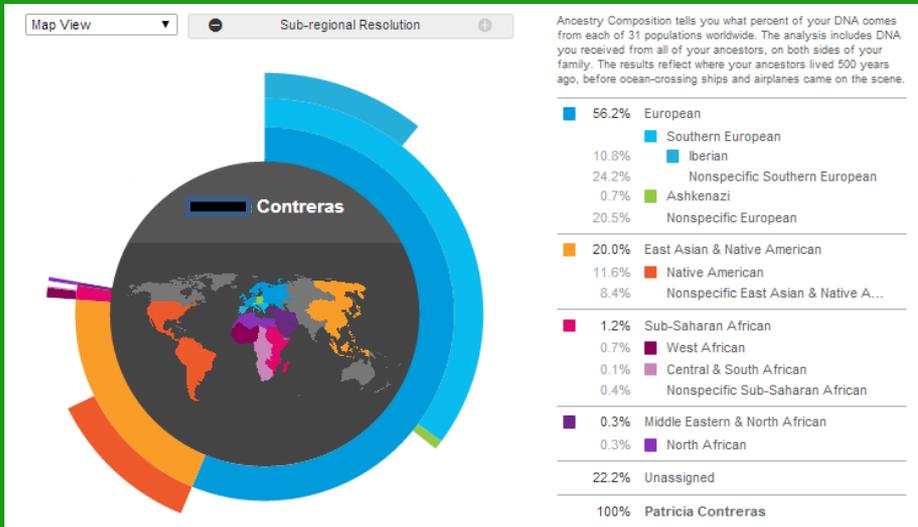
DATE	Location	Evidence
6,000BC-1000AD	Aileach, Inishowen, County Donegal, Ireland	DNA
1000AD-1100AD	County Down, Ireland	DNA
1100AD-1610AD	Galloway, Scotland	DNA
1610-1900s	County Down, Ireland	genealogy
1900s-	USA	genealogy

Autosomal DNA Case Study

P. Contreras

Wanted to know whether her 23 and me autosomal DNA results could reveal where her Great Grandfather **Christopher Bain** originated within Ireland

23 and Me results

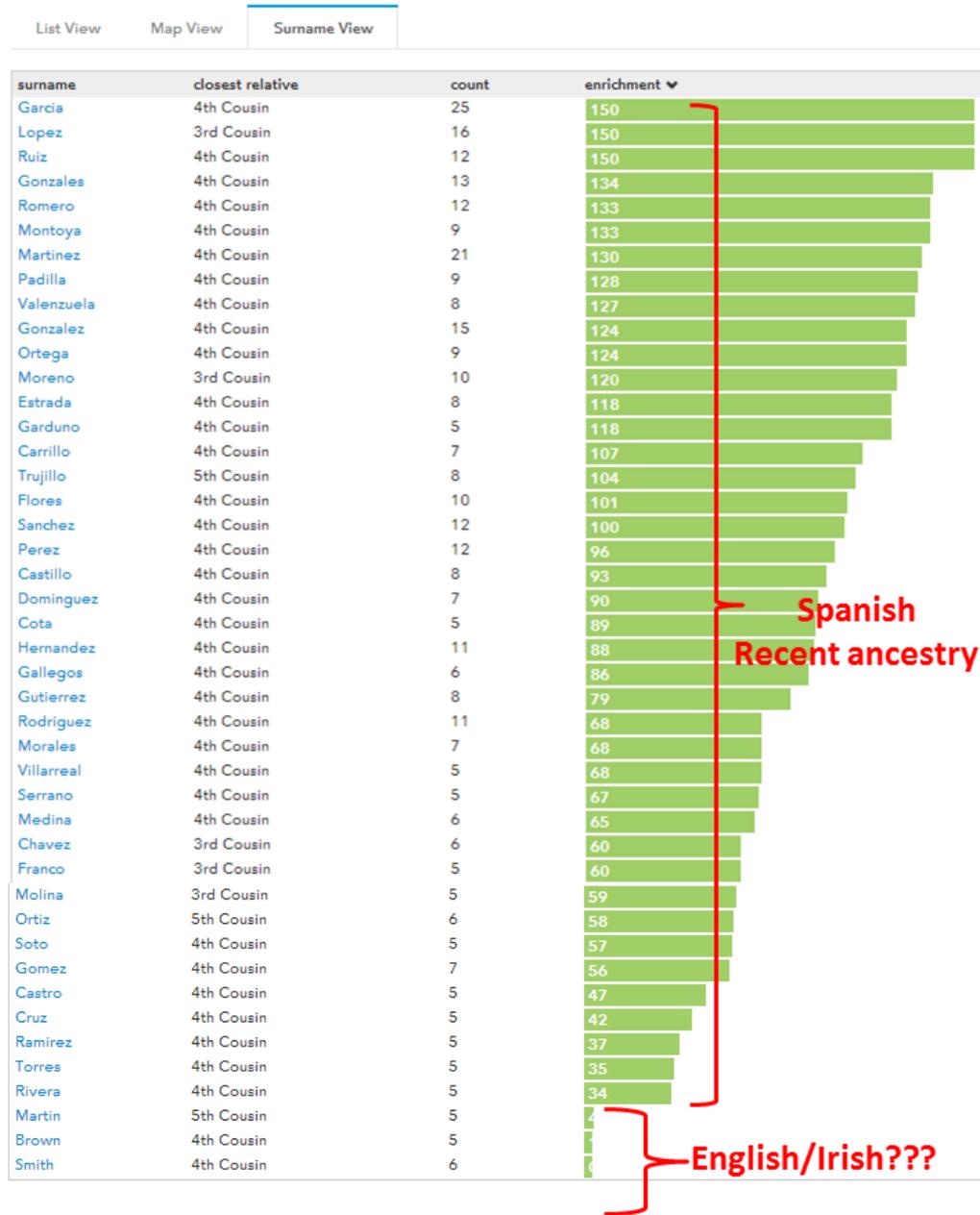


% Ethnicity

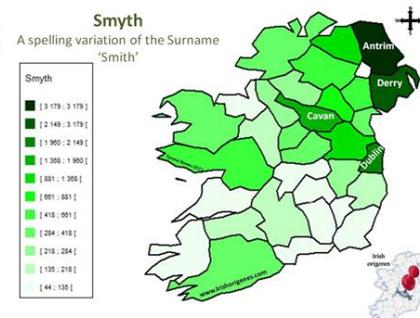
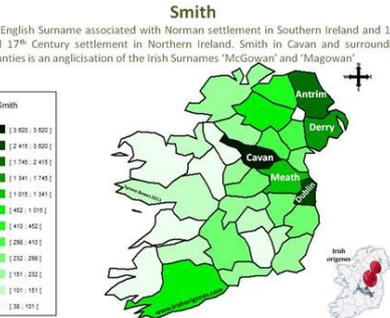
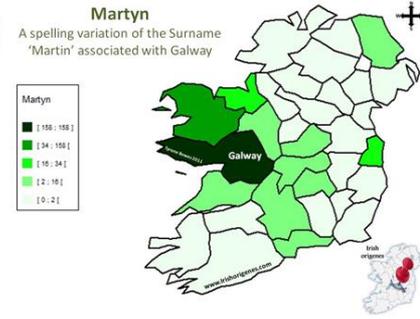
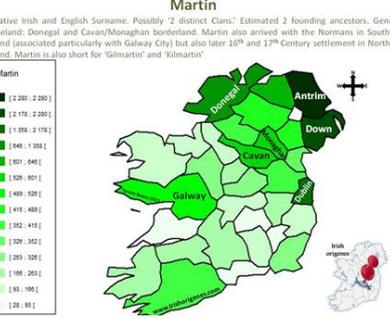
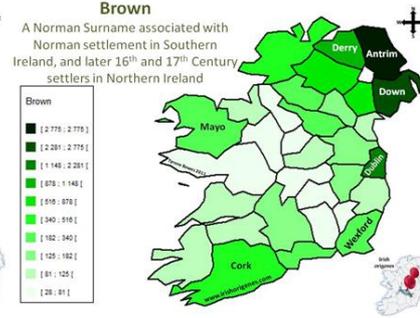
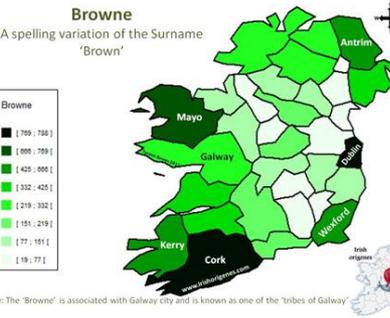
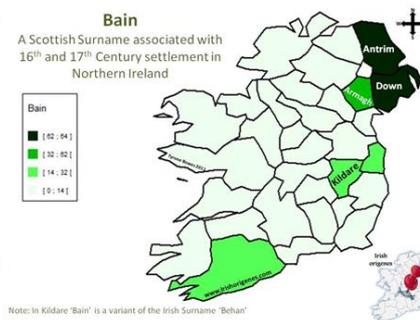
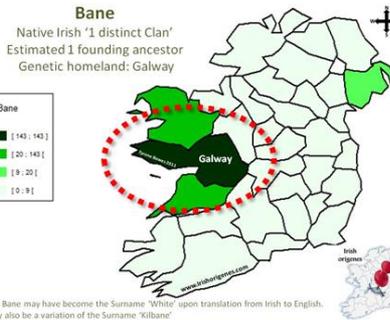
Male	Soza	3rd to 5th Cousin 0.52% shared, 3 segments	United States L2a1 G	Public Match Send a Message View Family Tree
Male		3rd to 5th Cousin 0.52% shared, 3 segments	C1b2 U1	Send an Introduction
Female		3rd to 5th Cousin 0.51% shared, 3 segments	C1b	Send an Introduction
Male	Urias	3rd to 5th Cousin 0.50% shared, 3 segments	L2a1 Q1a3a*	Public Match Send a Message View Family Tree
Male	Tarazon	3rd to 5th Cousin 0.48% shared, 3 segments	United States B2 Q1a3*	Public Match Send a Message
Female	Comer	3rd to 5th Cousin 0.47% shared, 3 segments	United States Mazatlan, Sinaloa Mexico Chihuahua, Mexico Altar, Sonora Mexico 3 more Moreno Acuna Gonzales 2 more C1d	Public Match Send a Message
Male	Santos	3rd to 5th Cousin 0.47% shared, 3 segments	Mexico Guamuchi Sinaloa, México Los Mochis Sinaloa, México Obeso Santos Gaxiola 2 more A2d R1b1b2a1a2d*	Public Match Send a Message
Female	GONZALEZ	3rd to 5th Cousin 0.46% shared, 3 segments	B2a1	Public Match Send a Message
Male		3rd to 5th Cousin 0.46% shared, 3 segments	B2a1 Q1a3	Send an Introduction

People with shared ancestry

Recurring surname matches



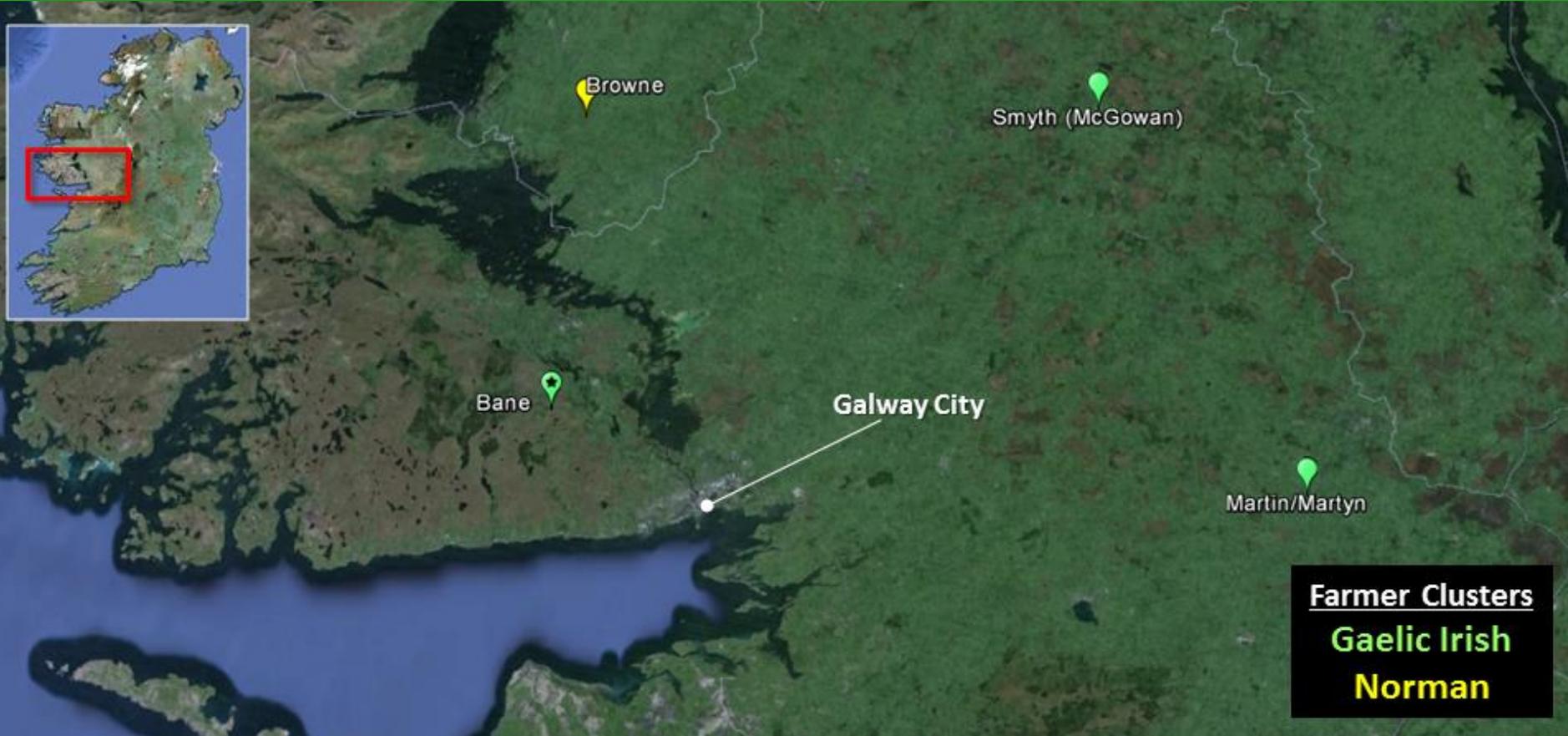
The surname Bain/Bane And the Distant Recurring surnames are associated with Ireland



The farming communities associated with the surname Bain/Bane and the distant recurring surnames are associated with the West of Ireland



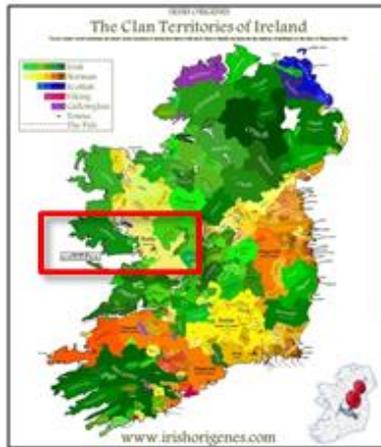
An association with County Galway



Bain farmers are almost exclusive to County Galway



The Martins and Brownes are associated with Galway City!



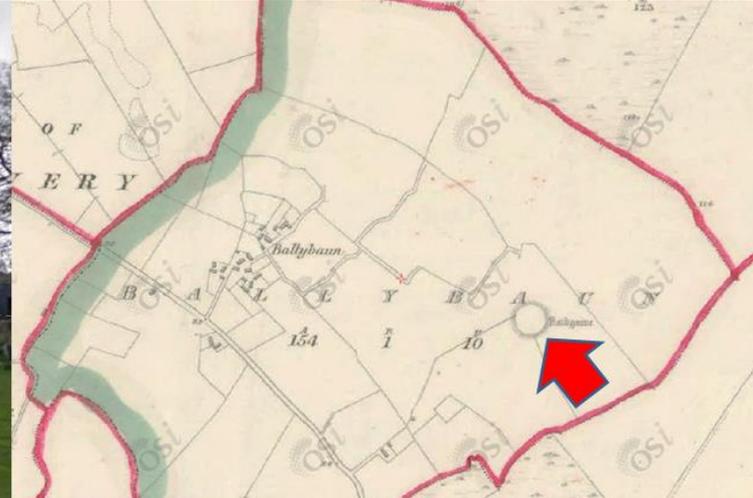
There are Browne, Martyn, and Bain placenames throughout Galway



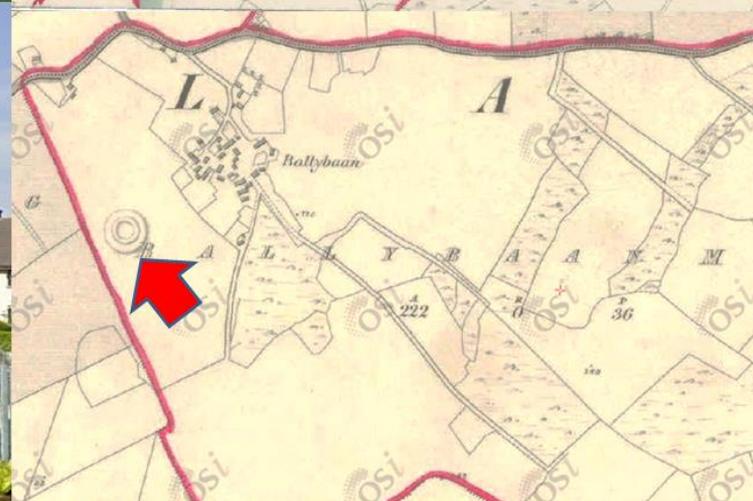
Bain townlands?



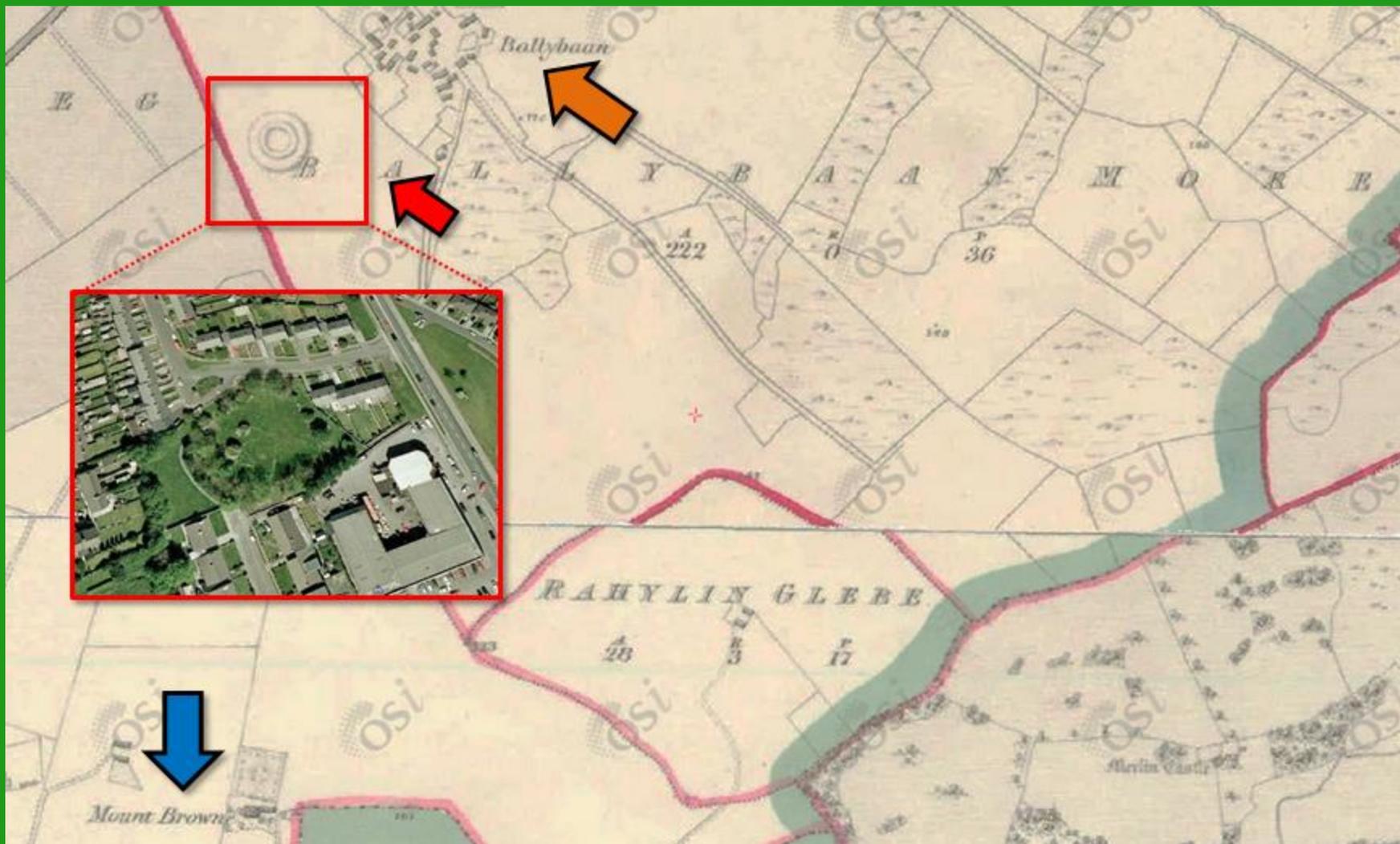
Ballybaun (Headford)



Ballybaun (Galway City)



Bain and Brown placenames beside one another in modern Galway City



Mrs Contreras can now check the records in Galway for Christopher Bain.

It is important to remember that once an area is 'Pinpointed' the link can be confirmed by DNA testing people that still live in that area

The challenge of modern Genealogy will be to connect the paper trail to the area pinpointed by the DNA.



Irish Origenes website (www.irishorigenes.com) contains the resources you need to help pinpoint your Irish origin using commercial ancestral DNA test results

Irish Origenes

use your DNA to rediscover your Irish heritage

ARE YOU TRYING TO MAKE SENSE OF YOUR Y-DNA TEST RESULTS? THEN CLICK HERE TO VIEW CASE STUDIES OR TO ORDER YOUR OWN CASE STUDY AND PINPOINT YOUR GENETIC HOMELAND

Castles of Ireland Map
Click here to preview or purchase

Clan Territories of Ireland Map
Click here to preview or purchase

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

STEP 1: Order a DNA test

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

Are you a Warrior?

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

[LEARN MORE](#)

FamilyTreeDNA
www.familytreedna.com

Are you a Warrior?

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

[LEARN MORE](#)

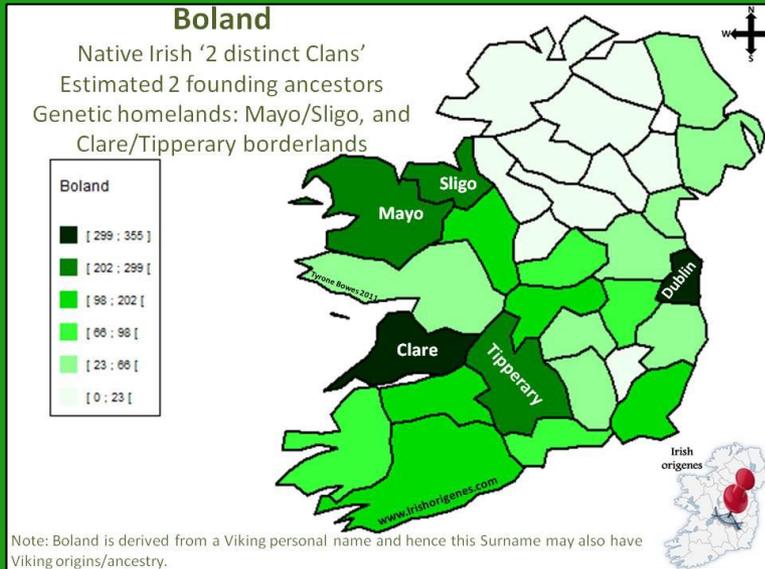
FamilyTreeDNA
www.familytreedna.com

HOME

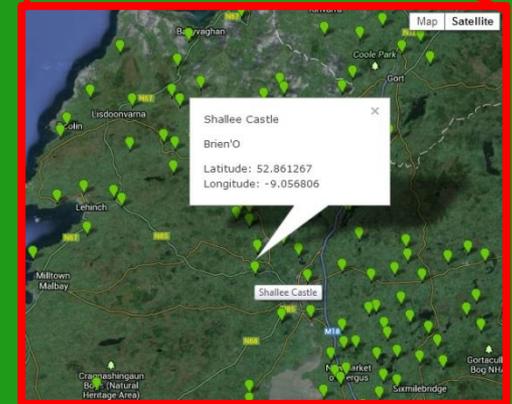
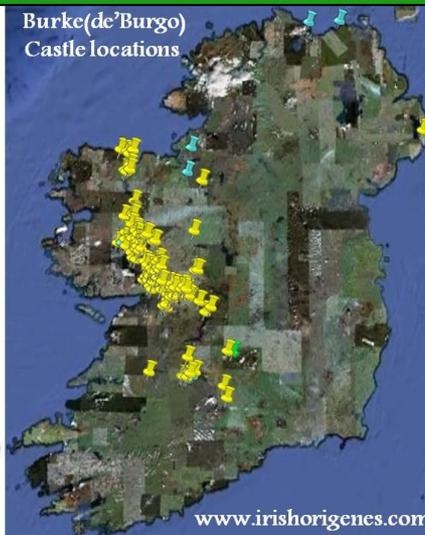
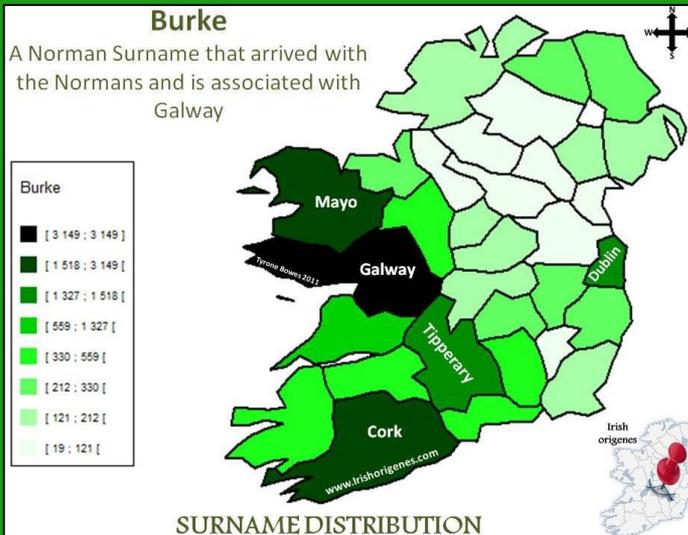
USE YOUR DNA TO REDISCOVER YOUR IRISH HERITAGE

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 'Bower' was living in close proximity to others with whom he was

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



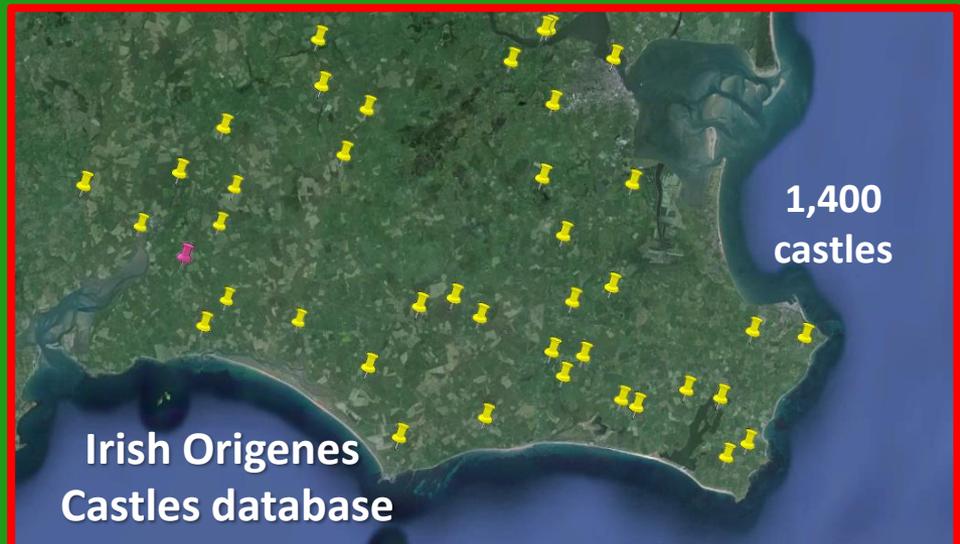
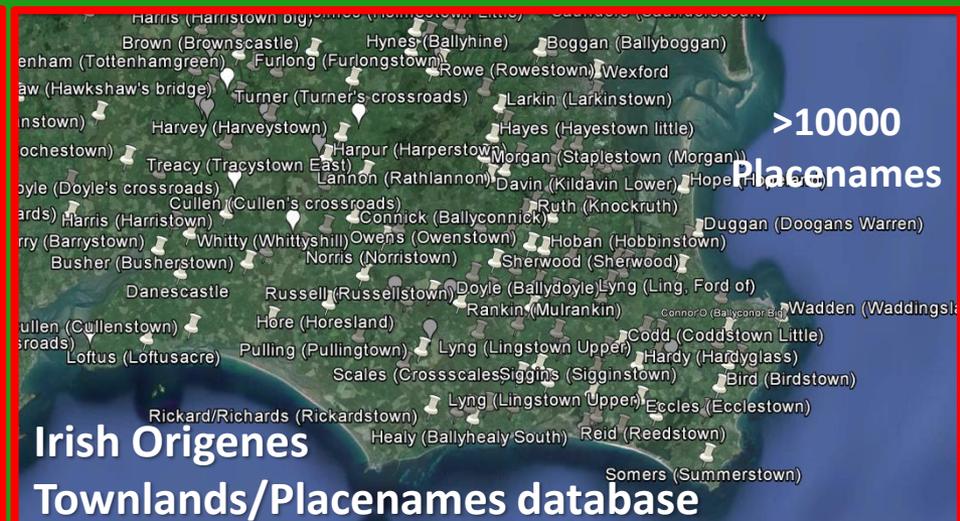
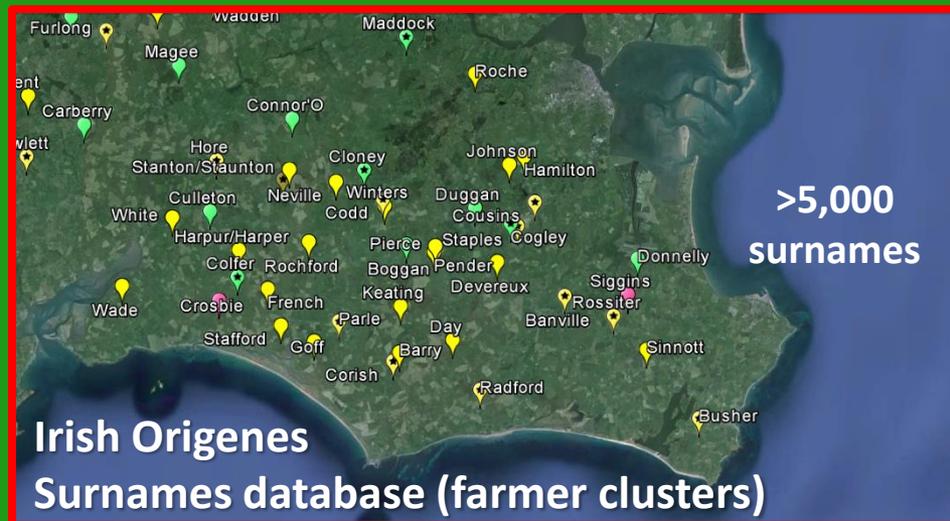
Surnames database: 5,000 surname distribution maps



Interactive Castles of Ireland Map

Clans and Castles database: 400 maps

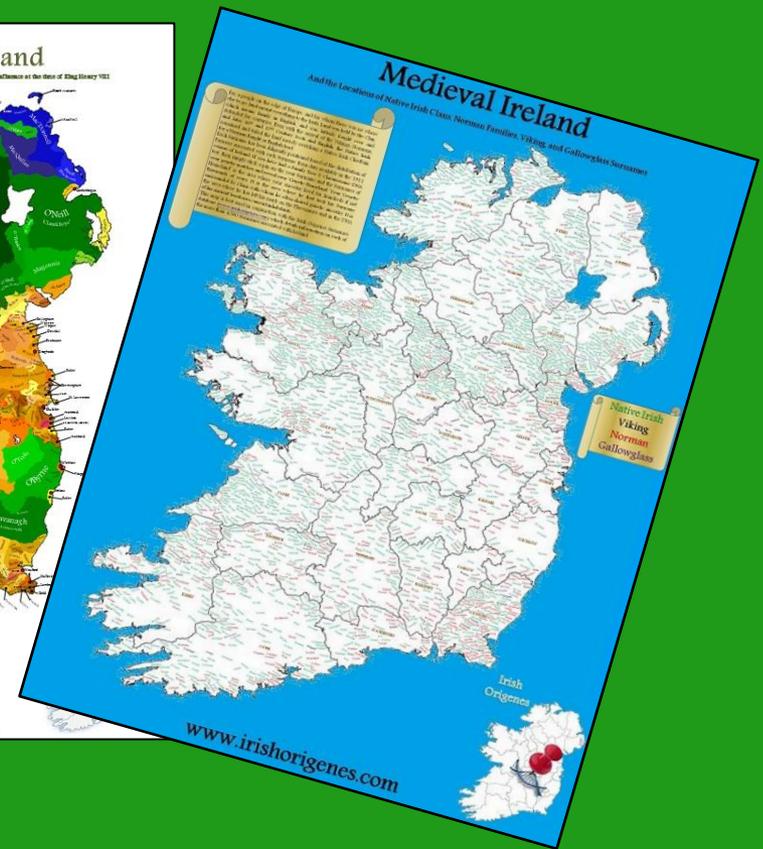
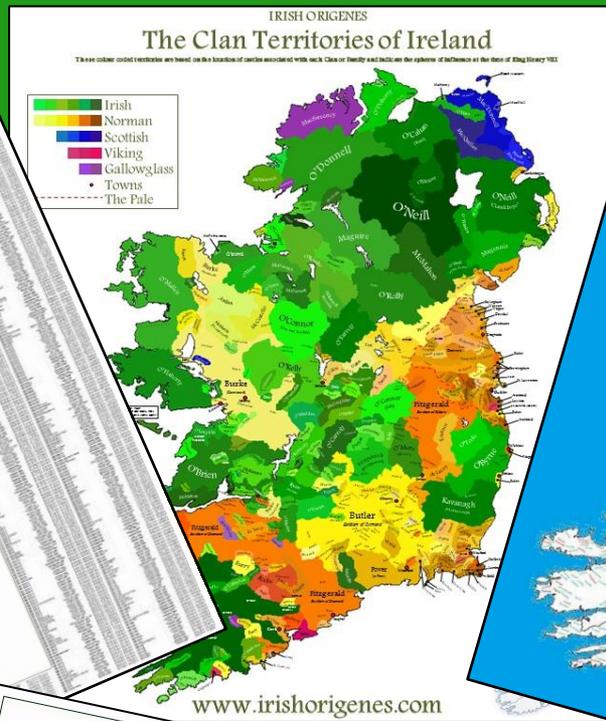
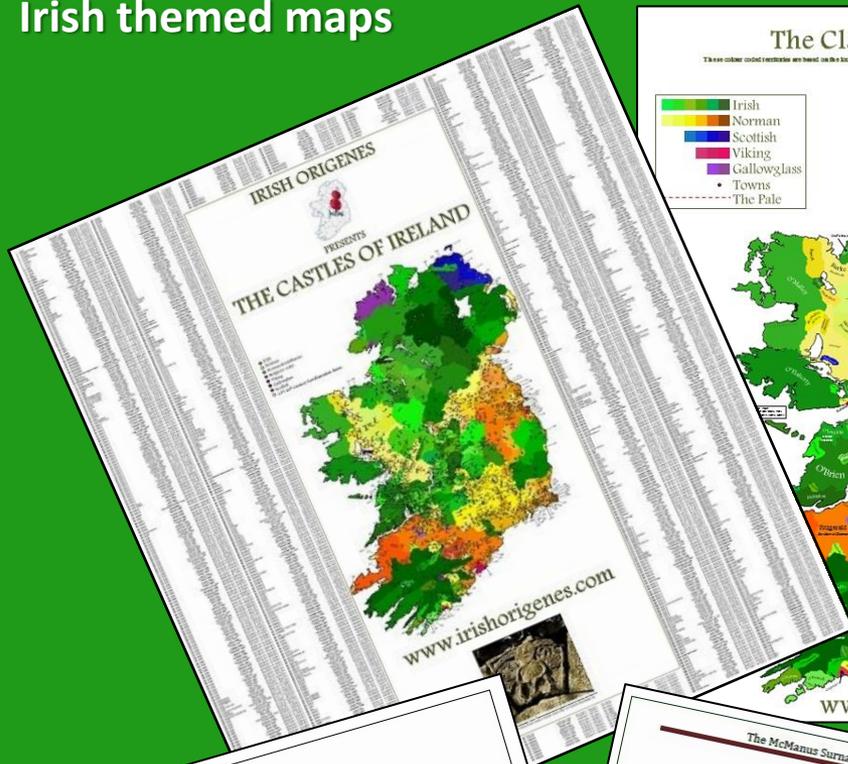
Irish Origenes databases



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



Irish themed maps



Since June 2012 I have been doing Irish, Scottish, and English personalised Y-DNA Case Study Reports
In addition; Surname reports, Ancestral DNA consultations, Writing articles for various magazines and websites, and I give talks on Pinpointing an ancestral origin

ARE YOU TRYING TO MAKE SENSE OF YOUR Y-DNA TEST RESULTS?
CLICK HERE
TO VIEW CASE STUDIES OR TO ORDER YOUR OWN CASE STUDY AND PINPOINT YOUR GENETIC HOMELAND

Scottish Origenes

use your DNA to rediscover your Scottish heritage



- Home
- About Me
- News
- Buy Clan Map
- Case Studies
- Video Tutorial
- Contact Me
- Useful Links

A MEDIEVAL ETHNICITY MAP OF SCOTLAND
The Genetic Diversity of the

STEP 1: Order a DNA test



- Click on this link at the Scottish Origenes website
- Order a 37 marker Chromosome DN



Are you a

ARE YOU TRYING TO MAKE SENSE OF YOUR Y-DNA TEST RESULTS?
CLICK HERE
TO VIEW CASE STUDIES OR TO ORDER YOUR OWN CASE STUDY AND PINPOINT YOUR GENETIC HOMELAND

ENGLISH ORIGENES

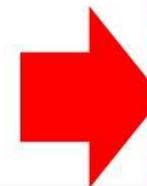
use your DNA to rediscover your English heritage



HOW TO PINPOINT YOUR English GENETIC HOMELAND IN 6 SIMPLE STEPS



Dr Tyrone Bowes



Are you a Warrior?

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

LEARN MORE

HOME

USE YOUR DNA TO REDISCOVER YOUR ENGLISH HERITAGE

Pinpointing the CALDWELL Genetic Homeland

A Scottish Case Study
www.scottishorigenes.com



Dr Tyrone Bowes
31st July 2013

Case Study Pinpointing the FOSTER Genetic Homeland

www.englishorigenes.com



- HOME
- ABOUT ME
- NEWS
- BUY CLAN MAP
- CASE STUDIES
- VIDEO TUTORIAL
- CONTACT ME
- USEFUL LINKS
- RECENT BLOG POSTS
- ENGLISH ORIGENES PRESENTATION AT FAMILY TREE DNA

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



Thank you for your time
Any questions?

Dr Tireoghain O'Buaigh
tyronebowes@gmail.com