

# DNA and Digitization in Irish Genealogy

Using new resources to make  
breakthroughs in your Irish family tree.



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Prepared for the  
Southern California Genealogical Society  
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# Overview

- Online tools for making new genealogy discoveries about your ancestors from Ireland have increased radically in the past six years.
  - Digitization and indexing of surviving paper records
  - DNA sampling of modern Irish descendants and residents

# Topics

- Most Important, Digitized Irish Records
  - Tithe Applotment Books
  - Griffith's Valuation
  - Maps
  - Parish Registers
- Other Digitized Records
- Genetic Genealogy - DNA

# Tithe Applotment Books

- Earliest surviving recordset of rural households from all 32 counties.
  - Typically recorded in 1820s and 1830s – **BEFORE THE FAMINE**
  - Handwritten list of heads of household, acres of land, and tithe amount assessed per year.

Valuation and Applotment of the parish of *Knigh* under the Tithe Composition Act. 1826.

Town Lands	Landholders	Contents			Value per Acre	Total Value			Tithe per Annum				
		A	R	P		£	s	d					
<i>Mr. Meagher Ballynaghy</i>	<i>Mr. James Meagher</i>	15	2	30	43	3	8	11	3 2 1/4	"	"	"	
	<i>Same</i>	45	"	"	30	67	10	"	2 3	30	0	1	
	<i>Meaty Donovan</i>	4	3	32	43	11	2	9	3 2 1/4	"	15	11	2
	<i>Edmond Hogan</i>	3	3	32	43	8	17	8 1/2	"	"	12	8	3
	<i>John Fogarty</i>	3	3	34	43	8	18	8 1/2	"	"	12	9	4
	<i>James Larkin</i>	4	"	3	43	9	"	10	"	"	12	11	5
	<i>Matthew Hayes</i>	3	3	15	13	8	13	"	"	"	12	4	6
	<i>Mic. Flynn</i>	4	1	4	"	9	12	4	"	"	13	9	7
	<i>N<sup>o</sup> 1</i>	22	2	30	"	47	16	3	"	"	3 1/4	"	5

*James Meagher*  
*the 25.10.4*

# Then and Now: Tithe Applotment

## Old Way – Back Then

- Go to a Genealogy Library
- Pull Paper Index of Tithe & Applotment by Surname by Barony & Parish
- Order Microfilm or go to Dublin
- Troll microfilm of handwritten pages

## Now with Digitization

- <http://titheapplotmentbooks.nationalarchives.ie>
  - or Signup for Ancestry.com
- Search by first, last, or just browse

# Griffith's Valuation

- Recorded for taxation in 1850s and 1860s
  - Typeset in 19<sup>th</sup> century
  - Most complete coverage of the entire island
- Now searchable online by name or place
  - [AskAboutIreland.ie](http://AskAboutIreland.ie)
  - [Ancestry.com](http://Ancestry.com)

- Indexed to detailed maps

PARISH OF LORRHA.																
No. and Letters of Reference to Map.	Names.		Description of Tenement.	Area.	Net Annual Value.											
	Townlands and Occupiers.	Immediate Lessors.			Land.	Buildings.	Total.									
				A.	R.	P.	£	s.	d.	£	s.	d.	£	s.	d.	
		LORRHA— <i>continued</i> .														
		VILLAGE OF LORRHA, <i>continued</i> .														
- 42	Thomas Kennedy,	Patrick Heagney,	House and yard,							0	5	0	0	5	0	
- 43	Thomas Kennedy,	Francis H. Toon,	Garden,	0	0	17	0	2	0	—	—	—	0	2	0	
- 44	Patrick Kennedy,	Patrick Cleary,	House and garden,	0	0	25	0	5	0	1	15	0	2	0	0	
- 45	Denis Lynch (post-office)	Same,	House and garden,	0	0	17	0	3	0	1	7	0	1	10	0	
- 46	Thomas Needham,	William Coonan,	House & small garden,							1	10	0	1	10	0	
- 47	James Loughmane,	Francis H. Toon,	House, office, & sm. gar.,							1	10	0	1	10	0	
- 48	Patrick Flanagan,	John Larkin, sen.,	House,							0	10	0	0	10	0	
- 49	John Larkin, sen.,	Francis H. Toon,	House and garden,	0	2	0	0	12	0	0	18	0	1	10	0	

# Historical Parishes

- Civil Parish
  - Basis for Tithe & Griffith enumerations
  - With some changes, correspond to modern Electoral Divisions in the Republic of Ireland.
- Church of Ireland Parishes
- Roman Catholic Parishes
  - Basis for Catholic Parish Records
  - Were reorganized and consolidated following Penal Laws and shortage of priests
  - Continue to be 'Unioned' and reorganized today

# Other Map Divisions

- Barony
  - Feudal political structure from Norman to famine times
  - Original basis for land ownership
- Poor Law Union
  - Attempt to reorganize taxes and local governance around population centers in 19<sup>th</sup> century
- Electoral Divisions (ED)
  - Lowest level of modern government geography in Republic of Ireland
  - Often correspond with historical civil parishes
  - Historical Counties are preserved
- Administrative Divisions
  - Lowest level of government geography in modern Northern Ireland
  - Historical county structure disbanded



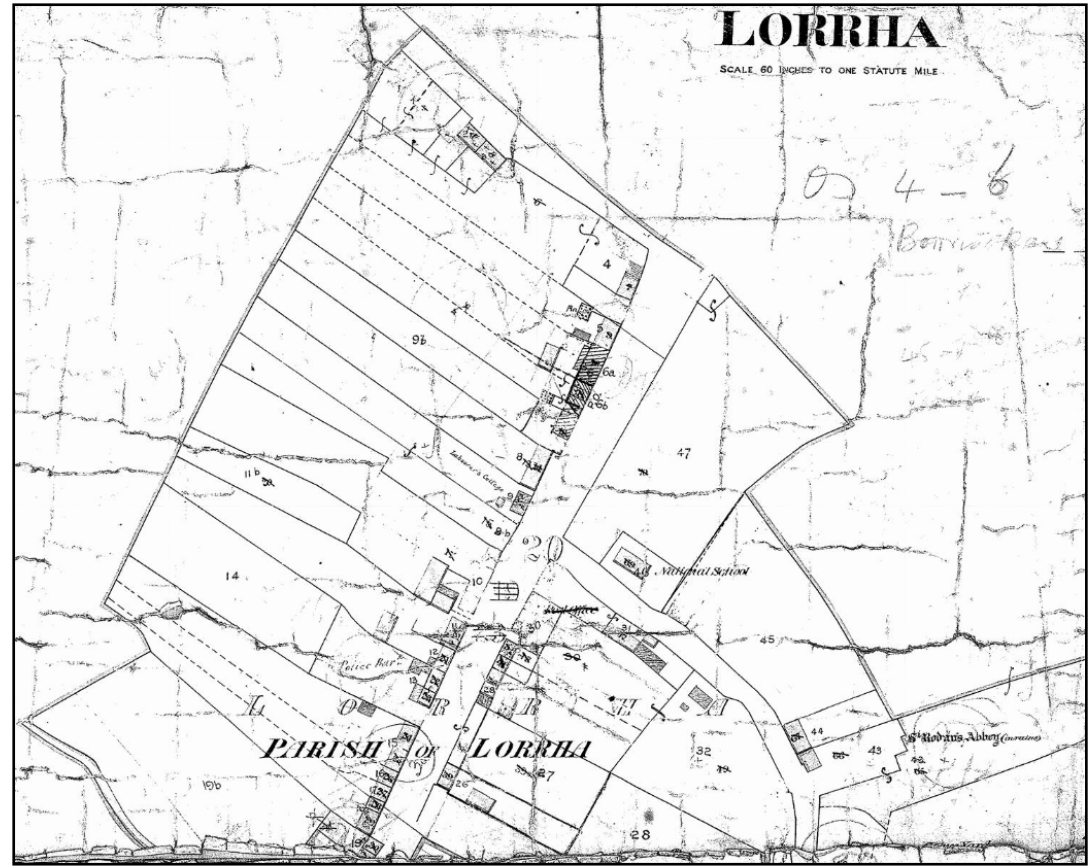
# Historical Map Divisions

- Knigh Civil Parish
- Monsea Catholic Parish
- Nenagh Poor Law Union
- Barony of Lower Ormond
- County Tipperary, North Riding
- Province of Munster



# Online Maps

- Griffith Valuation keyed to Ordnance & Survey (OS) maps
  - Combine historical and modern maps at [GeoHive.ie](http://GeoHive.ie)
    - Adjustable Transparency
  - 19<sup>th</sup> century city street plans are hand-drawn inserts



# Matching Reference to OS Map

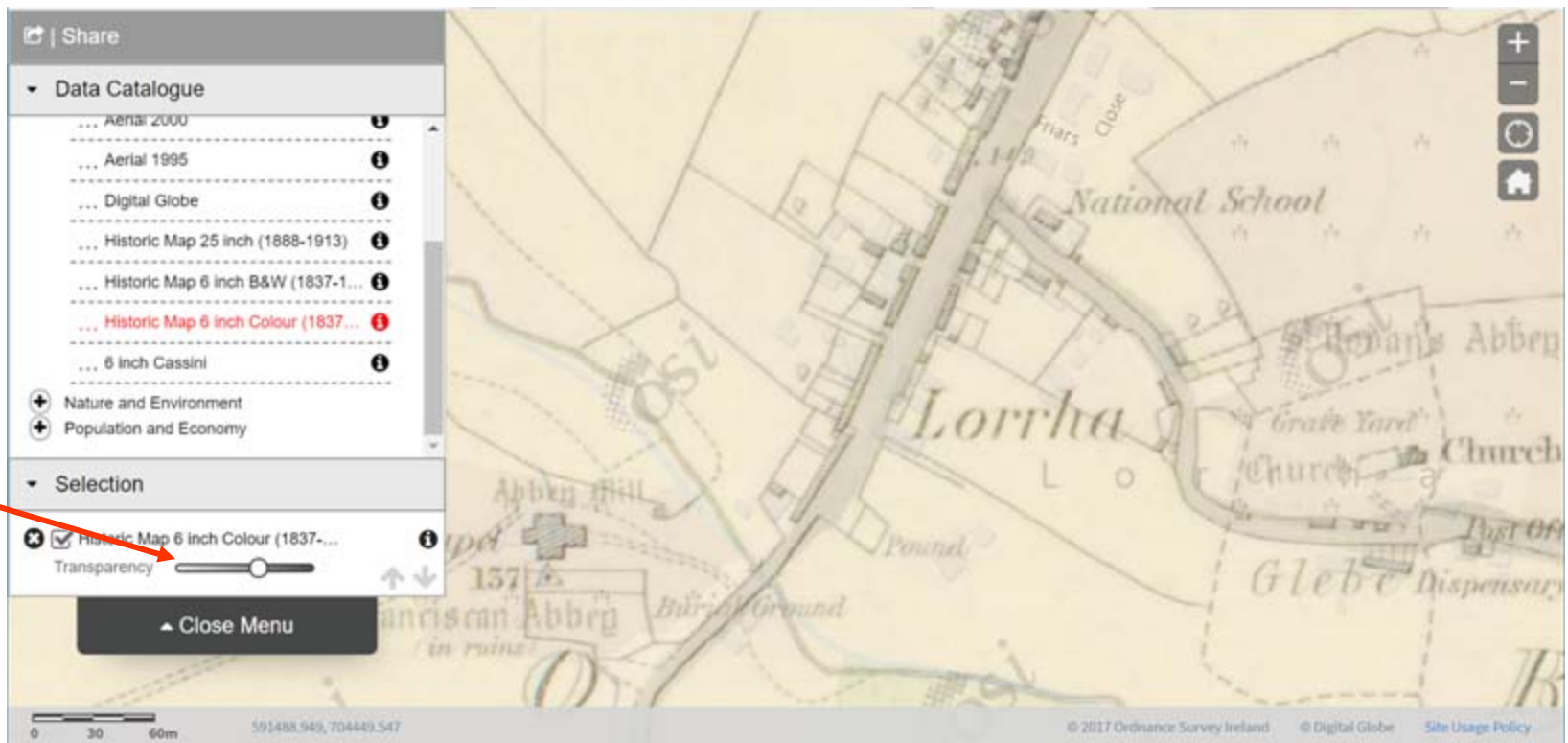
- Typed original numbers match map
  - e.g. Lorrha, County Tipperary
    - # 49 John Larkin senior, tenant of Francis Toon
      - with house and garden on 2 roods, 9 perches of land (approx 0.6 modern acres)

49	John Larkin, sen.,	Francis H. Toon,	House and garden,	0	2	9
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# Adjustable Transparency

- Example GeoHive map images showing Lorrha village with 1837 OS map overlaid on modern map with adjustable transparency.



# Parish and Civil Registers

- Problems Solved with Digitization
  - Records consolidated online at [RootsIreland.ie](http://RootsIreland.ie) for most counties
    - Roman Catholic Church
    - Church of Ireland
    - Civil Registration of Births, Marriages, and Deaths
  - Searchable index with linkage to images of originals at National Library of Ireland
  - Subscription Based

# Irish Civil Records

- [RootsIreland.ie](http://RootsIreland.ie) has assembled good collection of civil and church records.
  - Combining information from 34 county historical centers.
- 9.8 million births
- 4.8 million marriages
- 1.8 million burial & death
- 427 thousand cemetery markers

Civil Death Record for: Margaret Higgins

Back Add to My Records Print

 Civil Death Record

Name:	Margaret Higgins	Date of Death:	13-Apr-1878
Age:	75	Parish / District:	NENAGH
Address:	Old Turnpike	County:	Co. Tipperary
Status:	Married	Denomination:	Civil Record
Occupation:	LABOURERS WIFE	Sex:	Female


Graveyard		Informant	
Graveyard:		Relationship:	Householder
Parish:		Name:	Michael Feehey
County:		Address:	Old Turnpike

Notes:  
CAUSE OF DEATH - GENERAL DEBILITY - 2 WEEKS - UNCERTIFIED - NO MED ATT

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# Civil Birth Record Example

- Irish Civil Birth records in Ireland improve in latter part of the 19<sup>th</sup> century.
  - Shows mother's maiden name, address, and other useful information.

		Civil Birth Record	
Name:	John Larkin	Date of Birth:	11-Mar-1890
		Registration Date:	19-Mar-1890
Address:	Clare St Nenagh	Parish/District:	NENAGH
Gender:	Male	County:	Co. Tipperary
		Denomination:	Civil Record
Father:	Joseph Larkin	Mother:	Mary Carey
Occupation:	Labourer		
Sponsor 1 / Informant 1:	Mary Larkin	Sponsor 2 / Informant 2:	Not Recorded
	Notes:		
	X ****		
	**** MOTHER		

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# Civil Record Certificates

- Searchable index coming online in 2018-2019 on [irishgenealogy.ie](http://irishgenealogy.ie) run by the **General Register Office** (GRO) of the Republic of Ireland
  - Have records for all 32 counties in the 19<sup>th</sup> century.
  - Copies of original certificates can be ordered via mail or fax for a fee of €4.00 from the GRO
    - Or purchase in-person:
      - Werburgh Street, Dublin
      - Convent Road, Roscommon, Co. Roscommon
  - Purchase online for €20.00 from 3<sup>rd</sup> party *HSE Civil Registration Service* site <https://www2.hse.ie>





# Parish Church Registers

- Can be very helpful in locating a particular family when multiple children baptized in same parish over the years.
- Suffer from inconsistent start dates & execution – especially in the 1820s and 1830s when Famine emigrants were generally born.
- Widespread use of the same forenames makes it difficult to distinguish between families within the same surname.
  - e.g. 18 Patrick Larkin's baptized in County Tipperary registers 1830-1840.
- Original books & scans often hard to read.

# Finding Gold in the Register

- Available at Ancestry.com and RootsIreland.ie, with raw images at [National Library of Ireland](#).
- If you are able to make a firm connection, can be very informative.
  - Often includes marriage, maiden name, and address as well as baptism date.

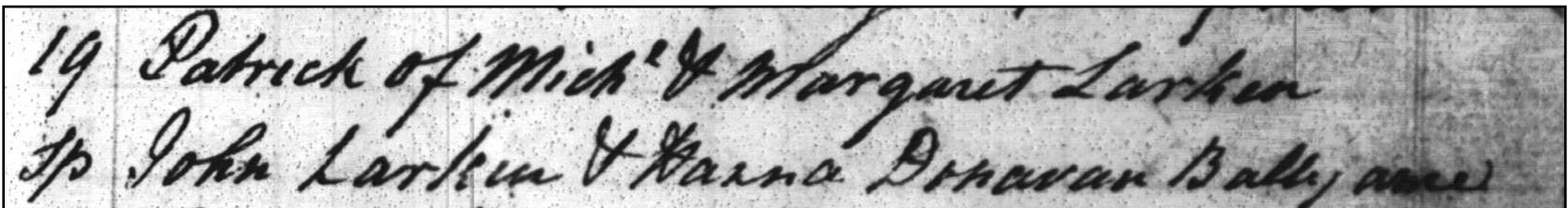


Image from Monsea Catholic Church Register, County Tipperary, Killaloe Diocese; NLI Microfilm 02481 / 01 | Page 15.  
June 19, 1835 baptism of Patrick Larkin, son of Michael and Margaret Larkin of Ballyanny townland.

# Parish and Civil Registers

- Old Problems Still Around
  - No ‘New’ parish church books found in a long time
  - Adoption and retention of birth, marriage, and death registers very inconsistent across parishes
  - Civil registrations not started early enough in most localities to help descendants of famine emigrants.

# Topics

- Most Important, Digitized Irish Records
- Other Digitized Records
  - 1901 & 1911 Census
  - Ships Passenger Lists
  - Military Records
  - Cemetery Markers
  - Newspapers
  - Wills & Estate Papers
  - Deeper Historical Records
- Genetic Genealogy - DNA

# Census of 1901 and 1911

- Searchable
- Free online
  - [National Archives](#) of Ireland
  - Ancestry.com
- While not usually helpful for famine-era ancestors, can be very helpful in finding and identifying cousin families that stayed in Ireland.



The National Archives of Ireland

GENEALOGY Home Search Census Early 20<sup>th</sup> century Ireland Browse Census How to Search

**Census of Ireland 1901/1911 and Census fragments and substitutes, 1821-51**

The household returns and ancillary records for the censuses of Ireland of 1901 and 1911, which are in the custody of the National Archives of Ireland, represent an extremely valuable part of the Irish national heritage. [Read more about their digitisation.](#)

All thirty-two counties for 1901 and 1911, [searchable by all information categories](#), are now available on this site. Corrections and improvements will be ongoing, and we are very grateful to all users who have submitted corrections to us. A small amount of material is [missing from the site](#), and will be placed online as soon as possible.

Surviving census fragments and substitutes for 1821-51 are a valuable, if limited, resource for the pre-Famine period. [Read more about these records.](#)

See User Corrections for information about data updates to the site.

**CENSUS OF IRELAND**  
(Two Examples of the mode of filling up this Table are given on the other side.)

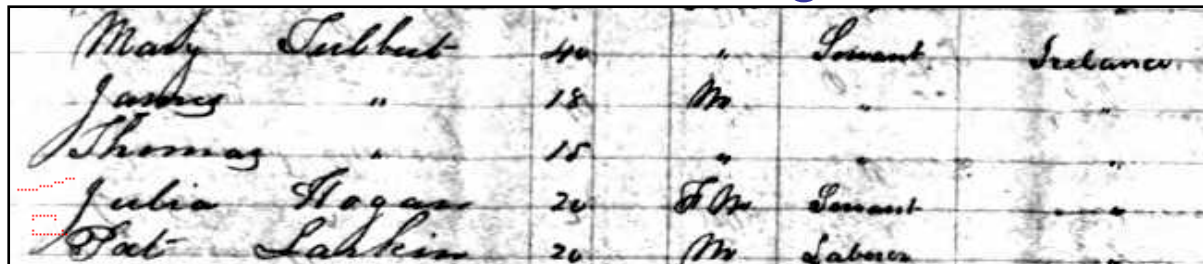
**FORM A.**

RETURN of the MEMBERS of this FAMILY and their VISITORS, BOARDERS, SERVANTS, &c., who slept or abode in this Ho

Number.	NAME and SURNAME.		RELATION to Head of Family.	RELIGIOUS PROFESSION.	EDUCATION.	AGE.	SEX.	RANK, PROFESSION, OR OCCUPATION.
	Christian Name.	Surname.						
1	Margaret	Kennedy	head of fam	Roman Catholic	Read and write	60	F	Farmer's wife
2	Daniel	Kennedy	son	Roman Catholic	Read and write	30	M	Farmer's son
3	Lizzie	Kennedy	daughter	Roman Catholic	Read and write	20	F	Farmer's daughter
4	James	Larkin	servant	Roman Catholic	cannot read & write	60	M	Servant

# Passenger Ship Lists

- Like Parish registers, some ship lists seem to be lost
- Common first and last name combinations can make it hard to identify your ancestor.
  - Context & Oral History clues can help.
    - e.g. Patrick Larkin traveled on same ship with his future sister-in-law, Julia Hogan



Mary Sulbert	40	"	Servant	Ireland
James "	18	Mr	"	"
Thomas "	18	"	"	"
Julia Hogan	20	Wife	Servant	"
Pat Larkin	20	Mr	Labourer	"

Image from New York Passenger Lists at Ancestry.com for ship Calhoun arriving New York on September 3, 1857. Patrick Larkin listed as 20 years old would imply a birth year of 1836/1837.

# Military Records

- British Military
  - Surviving service records of the First World War (1914) are transcribed at [www.ancestry.com](http://www.ancestry.com)
  - Pre-1914 service and pension records at [FindMyPast.co.uk](http://FindMyPast.co.uk)

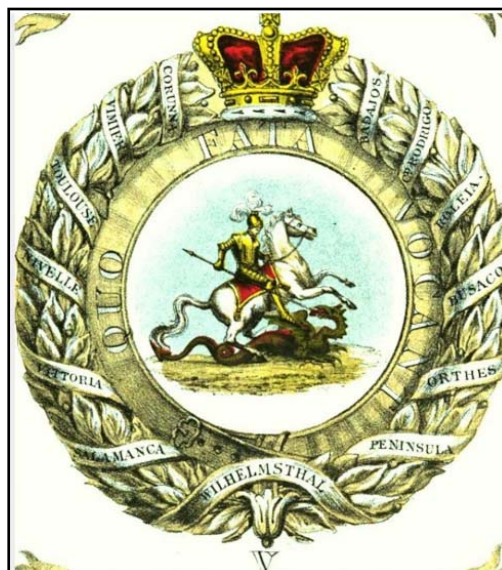
MONTHLY RETURN of Changes which have taken place among the Out-Pensioners of Chelsea Hospital, in the <sup>Greenwich</sup> 2<sup>nd</sup> Plymouth District, from the 1<sup>st</sup> to the 31<sup>st</sup> May, 1848, inclusive.

I. Pensioners transferred from the District.

Regt. or Number	Rate of Pension	Date of Admission to Out-Pension	Rank	Name of Pensioner	District to which transferred	Date to which Pensioner was paid previous to transference
5 <sup>th</sup> Foot	8	1848 25. Jan'y	P	George Mills	Volunteer for Hudson Bay Silbury Fort	1848 30. June
3 <sup>rd</sup>	9	1842 19. July	Serjt.	John Wright	Permay	30. April
68	1/1	1825 24. Aug't	P	Charles Miller	2 <sup>nd</sup> W. London	31. May

# British Unit Histories

- Most 19<sup>th</sup> century British military units did service in Ireland at one time or another.
- Unit histories can provide geographic details, even if ancestors were not named officers.
  - Many available instantly on Kindle from Amazon.com
- Military Barracks are also shown prominently on Valuation Maps



*A short narrative of the Fifth  
regiment of foot or ...*

Royal Northumberland fusiliers

1837. Embarked from Malta on the 28th March, and arrived at Corfu on the 4th April.

1838. The reserve battalion was ordered to Ireland and stationed at **Birr**,

1839. 10th April, the reserve battalion moved from **Birr**, to Galway.

1842. 15th February, the left wing of the service companies embarked at Corfu for Gibraltar; 15th March, the Head Quarters and right wing embarked.

1843. Eight wing and Head Quarters embarked on the 22nd April, disembarked at the Cove of Cork on the 12th May, and marched to Fermi; the left wing embarked on the 20th May. On the 7th July, both battalions were incorporated at **Birr**, 4th April, Sir Jasper Nichols, K.C.B., appointed Colonel.

1844. Quartered at Belfast.



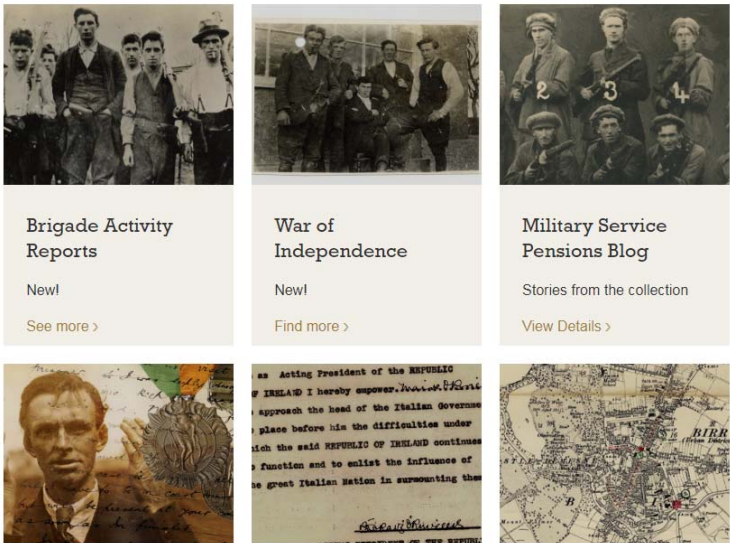
# Irish Military Records

- [Ancestry.com](https://www.ancestry.com)
  - 1922 Army Census
  - Kilmainham Pensions
- <http://www.militaryarchives.ie>
  - Easter Rising of 1916
  - War of Independence 1919-1921
  - Brigade Activity Reports
  - Pension Records

Ireland Genealogy & Ireland Family History Resources - Ancestry.com - Internet Explorer  
 https://www.ancestry.com/search/places/europe/ireland/?category=39&pg=1&tkn=null

Results 1 - 5 of 5

Unique to Ireland	Count
<input type="checkbox"/> Ireland, Royal Hospital Kilmainham Pensioner Discharge Documents, 1724-1924	104,638
<input type="checkbox"/> Ireland, Casualties of World War I, 1914-1922	49,647
<input type="checkbox"/> Web: Ireland, National Army Census, 1922	33,460
<input type="checkbox"/> Web: Ireland, Wills of Irish Soldiers Who Died in the British Army, 1897-1922	9,360
<input type="checkbox"/> Web: Ireland, Military Service Pension Index, 1916-1923	4,991



The grid contains six thumbnails:

- Top-left: A group of men in military uniforms, captioned "Brigade Activity Reports".
- Top-middle: A group of men in military uniforms, captioned "War of Independence".
- Top-right: A group of men in military uniforms, captioned "Military Service Pensions Blog".
- Bottom-left: A portrait of a man in a military uniform, captioned "Military Service (1916 -1923)".
- Bottom-middle: A document snippet with text, captioned "Search The Collection".
- Bottom-right: A map of Ireland, captioned "Gallery".

# Other Records Online

- Background
  - These records are not going to be complete for entire island of Ireland.
  - But can be very informative for specific geographies.
  - Tend to record property-holding families.

# Cemetery & Grave Memorials

- RootsIreland.ie
- Findagrave.com
- RIP.ie

 <span style="float: right;">Gravestone Inscription Record</span>			
Name:	Kate Larkin	Date of Death:	01-Jul-1916
Age:	Not Recorded	Parish / District:	DORRHA
Address:	Not Recorded	County:	Co. Tipperary
Status:		Denomination:	Civil Parish / District
Occupation:	Not Recorded	Sex:	Female
Graveyard			
Graveyard:	DORRHA C OF I	Plot No:	PAGE 7
Notes:			
ALIAS MOYLAN DAUGHTER OF JOHN AND MARY LARKIN SISTER OF JOHN LARKIN E * MRS			
© 2018 Copyright North Tipperary Genealogy Centre			<a href="http://www.rootsireland.ie">www.rootsireland.ie</a>

# U.S. Gravestones with Clues

- Around 1900, it became fashionable to record a little bit of geographic information on Irish-American tombstones.
  - e.g. Our Patrick Larkin baptized in 1835 was memorialized with a large tombstone in 1895 that states “County Tipperary” but implies birth in 1836/1837.
  - Famine Irish Immigrants were often ‘creative’ or not fully informed of their true date of birth.



# Newspapers

- [Newspapers.com](https://www.newspapers.com)
  - About 24 Irish Newspapers online
- Unfortunately, the contents of the large newspaper collection at the *National Library of Ireland* is not online.
  - But a catalog index of those holdings [now](https://www.nli.ie/en/catalogues-and-databases-printed-newspapers.aspx) online.

**Newspapers.com** Home Search Browse Papers Clippings

## Browse Newspapers

Search within: Ireland » Dublin » The Irish T

COUNTRY (9)	CITY (8)
United States of America	Boyle
Australia	Carlow
Canada	Clonmel
England	Cork
Ireland	Dublin
Northern Ireland	Navan
Panama	Tralee
Scotland	Waterford
Wales	

← → ↻ https://www.nli.ie/en/catalogues-and-databases-printed-newspapers.aspx

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## Newspaper Database

≤≤ Page 1 of 1 ≥≥

Click on a title to see what we have...

- [Nenagh Gazette](#) (Nenagh, began publication 1841)
- [Nenagh Guardian or Tipperary \(North Riding\) and Ormond Advertiser](#) (Nenagh, began publication 1859)
- [Nenagh News](#) (Nenagh, began publication 1894)
- [Nenagh Tribune](#) (Nenagh, began publication 1981)
- [Tipperary Advocate](#) (Nenagh, began publication 1889)
- [Tipperary and Clare Independent](#) (Nenagh, began publication 1867)
- [Tipperary People](#) (Nenagh, began publication 1865)
- [Tipperary Vindicator](#) (Nenagh, began publication 1844)

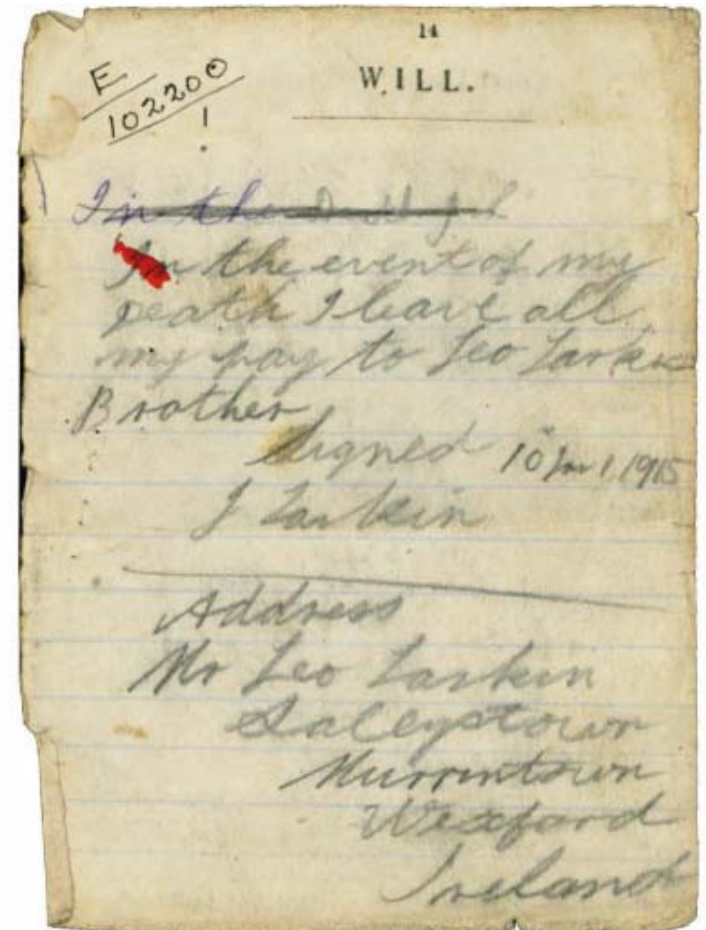
# Calendar of Wills and Administrations

- Searchable index now online
  - 1858-1920
  - 1923-1982
- Entries include brief sketch
  - Heir or Executor
  - Relationship to deceased

394 WILLS AND ADMINISTRATIONS. 1876.	
<b>LARKIN Hugh.</b> [181] Effects under £200.	2 May. Letters of Administration of the personal estate of Hugh Larkin late of Esker County <b>Galway</b> Farmer a Bachelor deceased who died 6 March 1876 at same place were granted at the <b>Principal Registry</b> to Eleanor Larkin of Esker aforesaid Widow the Mother of said deceased.
<b>LARKIN Hugh.</b> [348] Effects under £100.	14 September. The Will of Hugh Larkin formerly of 8 Stephen's-green and 8 Holles-street both in Dublin and late of the Hospital for Incurables Donnybrook County <b>Dublin</b> Billiard Marker deceased who died 5 August 1876 at the Hospital for Incurables was proved at the <b>Principal Registry</b> by the oath of Peter Ward of 20 Christchurch-place Dublin Printer and Publisher the sole Executor.
<b>LAUGHLIN Eliza.</b> [28] Effects under £100.	3 February. Letters of Administration of the personal estate of Eliza Loughlin late of 65 Townsend-street <b>Dublin</b> Widow deceased who died 12 December 1875 at same place were granted at the <b>Principal Registry</b> to Charity Powell of 46 Church-street Widow and Ellen Lilly of 65 Townsend-street (Wife of John Lilly of 12 Leawood-terrace Onslow Gardens London Commercial Clerk) the Sisters of said deceased.

# Some Recent Collections

- Chief Secretary's Office Registered Papers
  - Online Catalog for years 1818-1830
    - Must visit Dublin to see documents
- Soldiers Wills
  - Available and searchable online
  - Often includes geographical address of heir



# Older Record Examples

- Civil Survey of 1654
- 16<sup>th</sup> & 17<sup>th</sup> Century Census Substitutes
- Annals of Ireland
  - Genealogical Books Derived from Annals
- Royal Fiants – Letters Patent
- Papal Registries



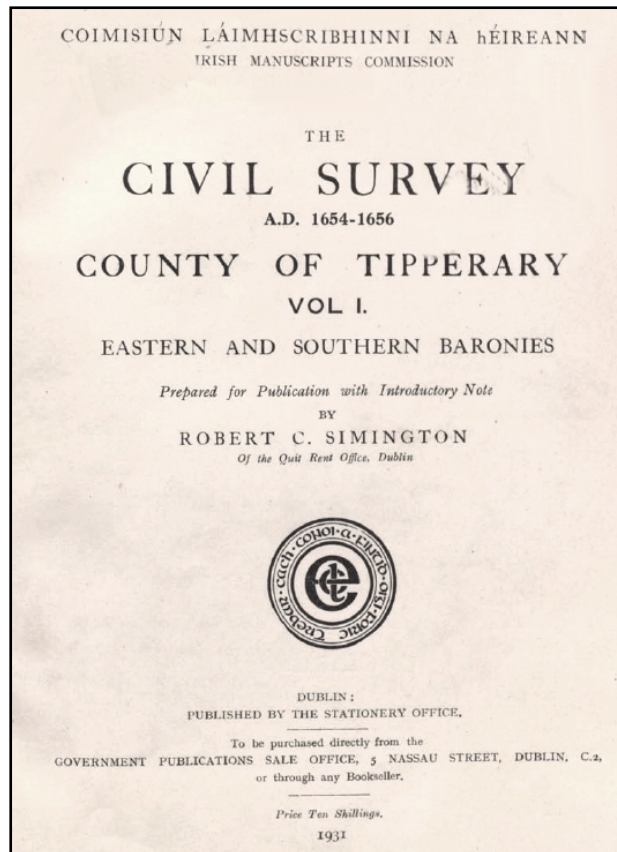
# Civil Survey of 1654

- Commissioned by Cromwellian Government
  - inventory the lands in Ireland in preparation to transfer land to Cromwellian soldiers in lieu of pay in the English Civil War.
  - Set in a before & after list of owners of land in each County, Barony, Parish, and Townland
    - e.g. Before: the Gaelic chieftains who had established English property titles
    - After: which Cromwellian soldiers / investors obtained land title
  - Lists only the Owner – typically the prominent families, not the laborers or subtenants.
  - Published as books by County in 20<sup>th</sup> century.
    - Some in public domain, some only recently digitized

# Civil Survey of 1654 Example

- Title page and example of Donogh Kenedy (sic) of Lackeene Castle, Lorrha, Tipperary

» Digitized as PDFs on [AskAboutIreland.ie](http://AskAboutIreland.ie)



PARISH OF LORHOE						315
Proprietors names in 1640	Denominaçon of lands	Number of plant acres by estimaf	Lands pfitable and the quantity	Lands unprofitable and the quantity	Value of the whole & each of ye sd lands	
Donogh Kenedy of Lackeene Papist	Lackeene, Corohagh, Ballybryen Liscurrine and Lurhoe. Nyne plds	A R P 1769 : 00 : 00	Arable meddow pasture shrubby Wood	A R P 1140 : 00 : 00 0070 : 00 : 00 0160 : 00 : 00 0049 : 00 : 00	Redd } Bogg } 350 : 00 : 00	li s. d. 080 : 00 : 00
		<p>The sd Nyne plds being in one continent are bounded on the east with the pld of Rathmckeina in the Parish of Durra and a pld of Lishernane in this parish of Lurhoe, on the west with the pld of Annagh and the pld of Bredagh in this Parish on the North with the two plds of Carrigeene and the two plds of Grainge both in this parish of Lorrhoe, and on the south with the pld of Kilcregane and the pld of Ballyquirke both in this parish of Lorrhoe</p> <p>The sd Donogh Kenedy pprietor in fee of the nyne plds of Lackeene, Corohagh, Ballybryen, Liscurrine and Lurhoe afforesaid by descent from his Ancestors.</p> <p>Of the sd nyne plds there was mortgaged to Kein Callanane two pld called Corohagh long before the yeare 1640 as wee are informed</p> <p>Upon the above continent of lands stands the old ruined castle &amp; bawne of Leackeene the walls onely standing an orchard and garden, a mill standing on a little brooke running through the sd lands and six thatcht houses</p>				

# 16<sup>th</sup> & 17<sup>th</sup> Century Records

- [JohnGenham.com](http://JohnGenham.com) web site has excellent lists and descriptions.
  - e.g. Hearth Money Rolls

## Census records

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[Records -](#) [Counties -](#) [Maps -](#) [Emigration -](#) [Addresses -](#) [Links -](#) [Articles -](#)

### Sixteenth and Seventeenth Century Irish Census Substitutes

<a href="#">Fiants</a>	<a href="#">Pender's Census</a>
<a href="#">Undertakers</a>	<a href="#">Subsidy Rolls</a>
<a href="#">Muster Rolls</a>	<a href="#">Hearth Money Rolls</a>
<a href="#">1641 Depositions</a>	<a href="#">Cess Tax Accounts</a>
<a href="#">Books of Survey &amp; Distribution</a>	
<a href="#">The Civil Survey</a>	

**1521-1603 Fiants**

*The Irish fiants of the Tudor sovereigns during the reigns of Henry VIII, Edward VI, Philip & Mary, and Elizabeth I* (4 vols., Dublin: Edmund Burke, 1994; NLI Ir 9410511). These documents, unique to Ireland, were created to facilitate the issuing of royal grants and were originally published as a series of appendices to the Reports of the Deputy Keeper of Public Records in Ireland in the late nineteenth century. For many of those Irish chieftains who submitted to English authority under the policy of surrender and regrant, they give long lists of extended family and followers.

**1612 Undertakers**

*The Historical Manuscripts Commission Report, 4*, (Hastings Mss) gives lists of English and Scottish large landlords granted land in the northern counties of Cavan, Donegal, and Fermanagh. These were known as undertakers.

**1630 Muster Rolls**

These are lists of large landlords in Ulster, and the names of the able-bodied men that they could assemble to fight if the need arose. They are arranged by county, and

# Monastic Annals

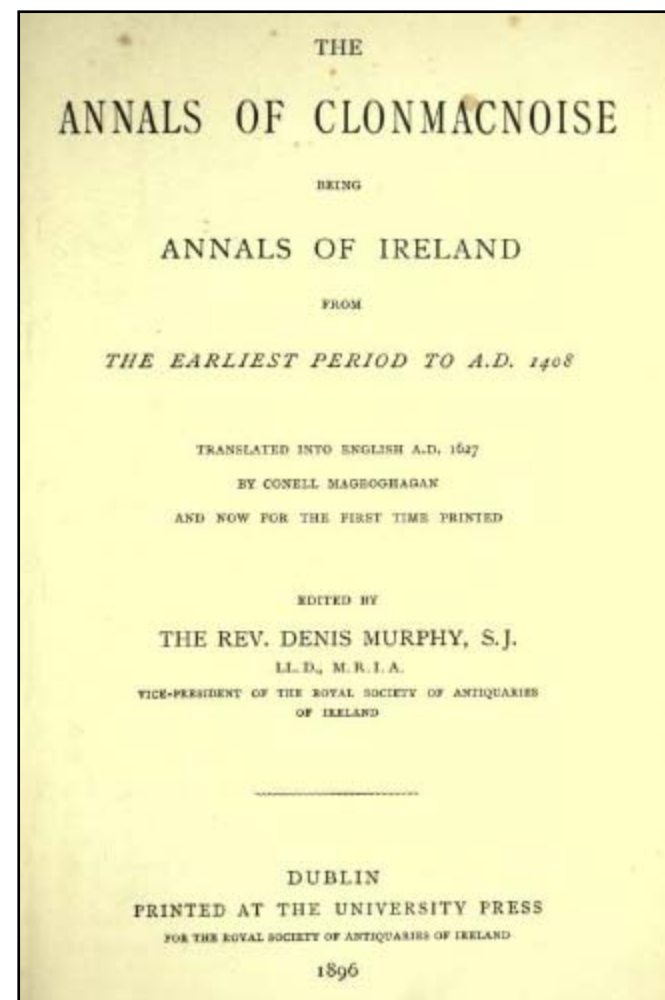
- Titles
  - 28 titles listed on Wikipedia
    - e.g. Annals of Clonmacnoise
  - Annals of the Four Masters
    - 17<sup>th</sup> century compendium of earlier annals
    - Translated to English and published in 19<sup>th</sup> century
- Recorded feast days, obituaries, genealogies, and notable events of the year



# Annals of Clonmacnoise

- Written by Irish monks up to the year 1408
- Translated to English in 1627
- Published in English in 1896

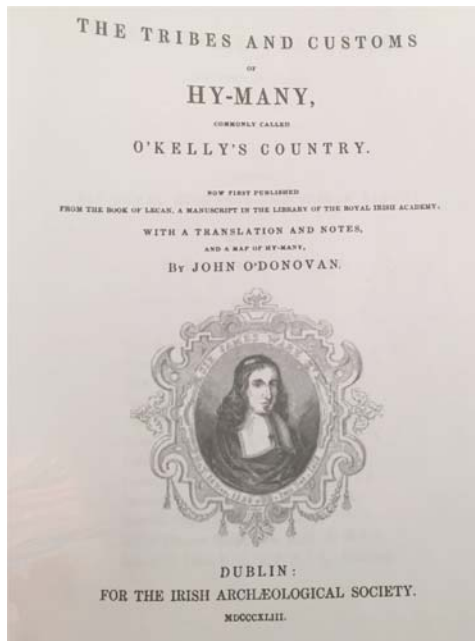
*[Year 994] King Moyleseachlin and Cahall O'Connor of Connaught made a bridge at Athlone over the [Shannon]. Dermott o'Laghtna prince of the land of Teaffa was killed by some of his [own] men*



# Genealogical Books Derived from Annals

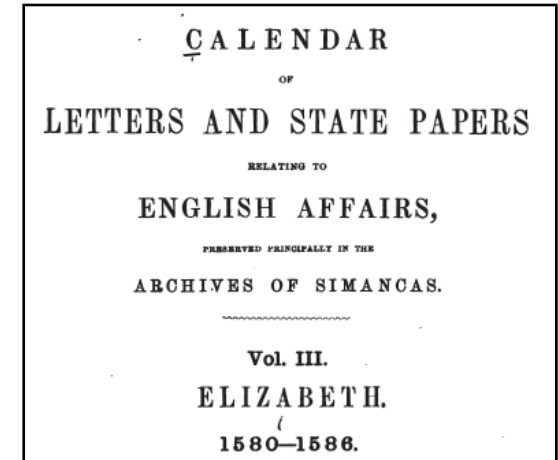
John O'Donovan wrote several in the 19<sup>th</sup> century.

- e.g. *The Tribes and Customs of Hy-many, Commonly Called O'Kelly's Country (1843)*



# Royal Fiants

- Most important genealogically are records of the *Surrender and Re-grant* real estate records.
  - Published in 19<sup>th</sup> century as part of the series, "[Deputy Keeper of Public Records in Ireland](#)"



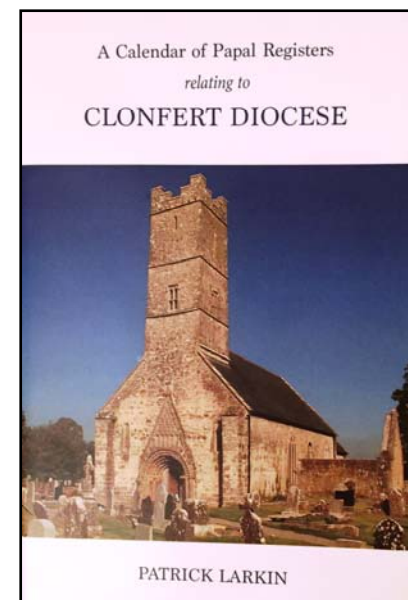
*18-JUN-1585*

*MONTER LORKAN - all lands and heriditaments in Shillanghye as part of the nation of Donall O Madden of Longford [Barony, County Galway]. Granted to be held forever by the service of one knights fee for a rental of £80.00; and to provide 6 horsemen and 24 footmen to the service of the President of Connacht or the Lord Deputy.<sup>1</sup>*

<sup>1</sup> *Fiant Litterae Patentes*, Reference # 4718 in Calendar of Letters and State Papers Vol II Elizabeth 1580-1586 in the Twenty-Sixth Report of the Deputy Keeper of the Public Records (1895)

# Papal Registers

- Vatican Archives preserve documents and correspondence now lost within Ireland.
  - Many dispensations for illegitimate sons of priests
  - Rulings on assignment of benefices



*[4 June 1427] To the abbots ·· Donald [O'Shaughnessy], canon of Clonfert· Mandate to collate and assign to John [O'Madden], clerk, who lately received papal dispensation as the son of a priest and an unmarried woman, to be promoted ... the perpetual benefice without cure called the rectory [of Kilfarboy parish, County Clare]<sup>1</sup>*

<sup>1</sup>Patrick Larkin, [A Calendar of Papal Registers relating to Clonfert Diocese](#), 2016



# Topics

- Most Important, Digitized Irish Records
- Other Digitized Records
- Genetic Genealogy – DNA

# Genetic Genealogy - DNA

## Current research efforts relating to Irish Genealogy:

1. Better autosomal matches by inclusion of pedigree information
2. Enhanced Y-DNA Family Tree from expansion of markers tested
3. Geographical mapping projects of earliest known ancestors with both Y and Autosomal chromosomes
4. Combination of old pedigrees with modern descendants who have Y-DNA tests.

# Y-DNA vs Autosomal DNA

- Y-DNA
  - Male only
  - Using portion which does not recombine or mix => strong ancestral signal across time
  - Y-DNA test make matching possible over 100s to 1000s of years
  - SNP and STR marker mutations in parallel
- Autosomal DNA
  - Male and Female
  - Recombines or mixes in random ways
  - Autosomal DNA tests are best used below five (5) generations of kinship
    - Some faint signals can come through from more distant cousins
  - Helpful for population studies and aggregate ancestral composition

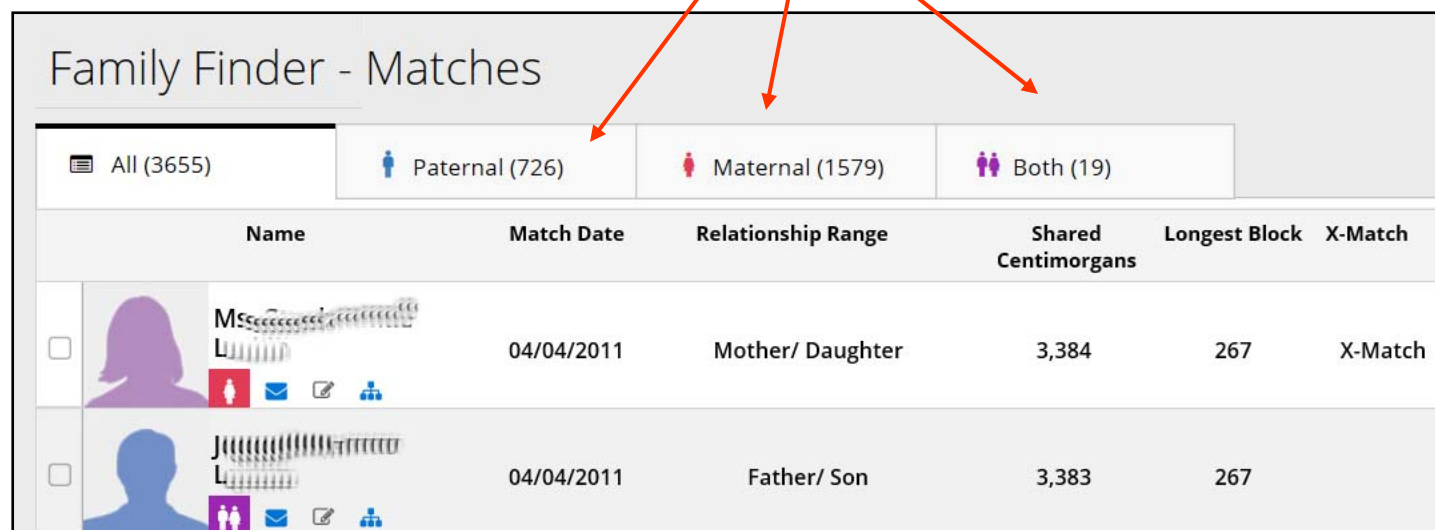
# Autosomal Matching

## Incorporating Pedigree Information



- Available at Ancestry.com or Family Tree DNA or MyHeritage.com or 3<sup>rd</sup> parties.
  - Upload a genealogical family tree GEDCOM file
  - Link one or more autosomal DNA testers to their profile in the family tree.
  - Automated inference of matches in common and not in common helps clarify which of your ancestral lines a given match comes from.

# Mother vs Father Line Matches

- Note that of (3,655) Family Finder autosomal DNA matches in this example:
  - Breakout between Maternal (1,579), Paternal (726), and Both parents (19).



The screenshot shows the 'Family Finder - Matches' interface. At the top, there are four filter tabs: 'All (3655)', 'Paternal (726)', 'Maternal (1579)', and 'Both (19)'. Three red arrows point from the text above to these tabs. Below the tabs is a table with columns: Name, Match Date, Relationship Range, Shared Centimorgans, Longest Block, and X-Match. Two matches are visible in the table.

Name	Match Date	Relationship Range	Shared Centimorgans	Longest Block	X-Match
<input type="checkbox"/>  M L	04/04/2011	Mother/ Daughter	3,384	267	X-Match
<input type="checkbox"/>  J L	04/04/2011	Father/ Son	3,383	267	

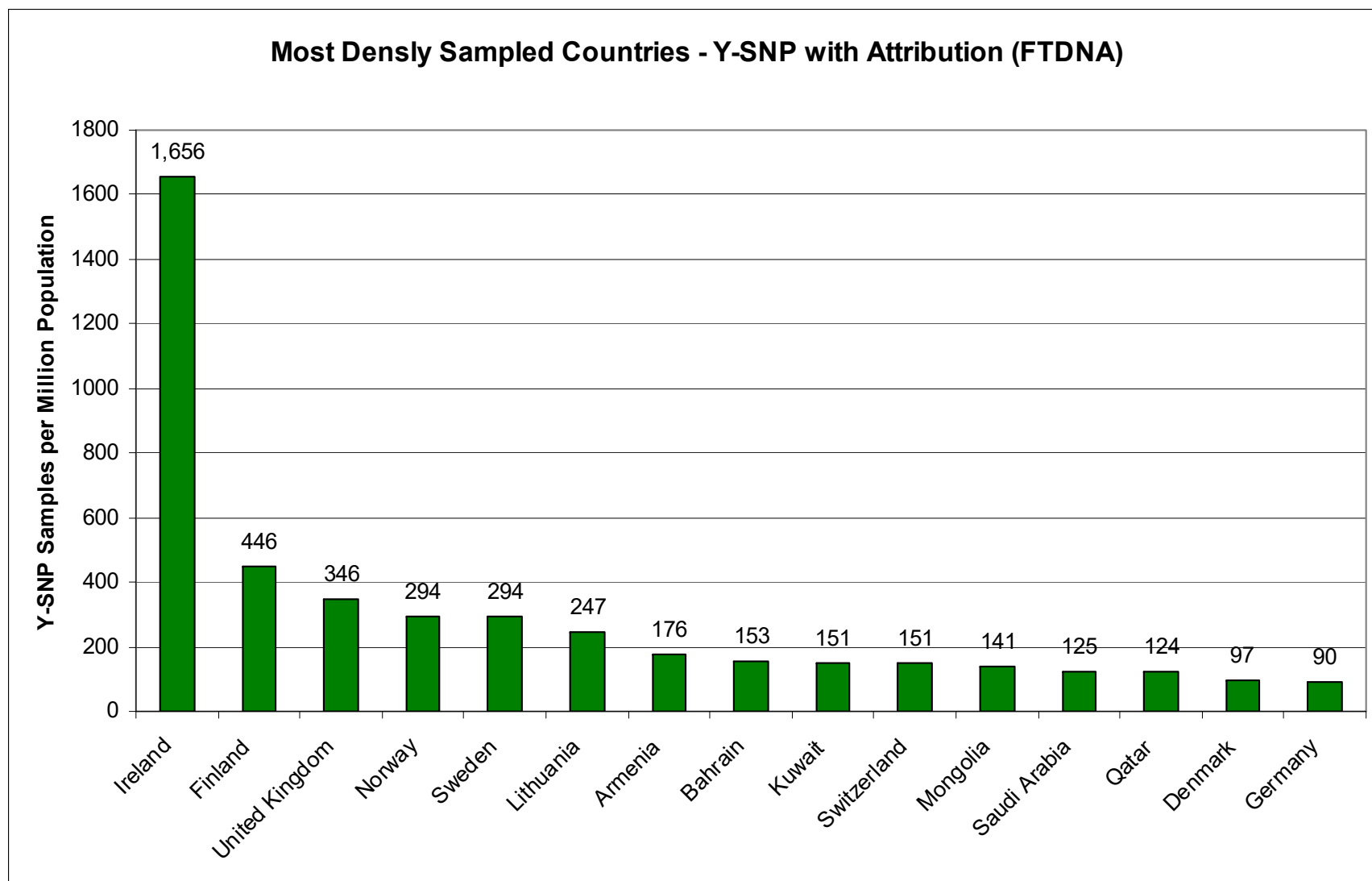
# Example of Genealogical Success

## Autosomal DNA & Digitized Records

- My Patrick Kinsella ancestor came from <anywhere> in Kings County (Offaly) in famine.
  - Could not localize – name is too common, parish records too hard to read and search
- Distant DNA Cousin match on FTDNA Family Finder with Irish man and his sister.
  - Initially not sure which of my branches it could be
  - By discussion and his Irish genealogical research, he figured it was likely from Offaly
- With Geographical Focus
  - He searched digitized parish records to find baptismal records matching names and years of many siblings in Offaly
  - => My Patrick Kinsella was baptized in Daingean parish, Offaly in October 1829 to parents who lived in the townland of Killeshin<sup>1</sup>
    - Townland localizes WHERE they lived to within a few hundred meters

<sup>1</sup>RootsIreland.ie, Irish Catholic Parish Registers, 1655-1915, Microfilm 04202 / 09, Daingean, King's County, Page 67

# Ireland – Most Densely Sampled Y-DNA



# Example of Genealogical Success

## Y-DNA & Digitized Records

- Telephone Directory & Calls
  - Irish Sample Recruitment by Surname and Geography
  - Ancestral Parish Sampling
- Digitized Genealogy Records
  - Continuity Linking Modern Family to Ancestors in Historical Records
- Y-DNA Testing
  - Getting strong signature for that surname / locality
  - But may be no matches for some time
- Someone from California with same surname but no pedigree tests
  - matches Y-DNA => His ancestors likely came from that geography
  - Focuses next steps in paper / digital genealogy



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# Enhanced Y-DNA Family Tree from expansion of markers tested

- Phylogenetic Tree for branch of SNP *BY21676*

- 50 branches from Y-Adam

- 27 branches below M269

- 11 branches below *M222*

33	Z39589	Z39589_2	Found in haplogroup R1b under L21 and DF13. 18 bp deletion. Note that hg38 position description not linear translation from hg19. aka hg19:4439911-TGCAGCTTCACTCCTGAGG-T.
34	DF49	S474 AM01922 rs769171919	Large branch under L21 Z39589
35	Z2980	S6154 rs1006335787	Under L21 DF49
36	Z2976	S476 S644 S6147 AM01919 rs770179167	Under L21 DF49
37	DF23	S193 rs773517566	
38	Z2961	rs771631896	Found in haplogroup R1b under DF23. Most concentrated in Ireland.
39	Z2956	AM01923 rs1006912931	
40	M222	Page84 PAGES00084 rs20321 USP9Y+3636	Discovered in 2006 in conjunction with McEwan's STR clusters. Often called Northwest Irish, concentrated in Ireland and western Scotland. Associated with Niall of the Nine Hostages and Ui Neill clans.
41	S658	DF106 FGC4100 Y2841 rs747839864	Under R1b L21 > M222
42	DF104	S661 Y2842 FGC4099 rs752415261	
43	DF105	S659 Y2843 FGC7927 rs755714899	
44	BY198	A738	Under M222. Discovered by Thomas Krahn & Iain Kennedy. Includes Larkin Type D1 and others.
45	BY20834	S27575 rs3097069	Found in R1b M222 individuals.
46	BY21680		Found in Larkin Type D1 of Ireland.
47	BY21673	A15862	Found in Larkin Type D1, M222 individuals.
48	BY21672		Found in Larkin Type D1, M222 individuals. Now found child of BY21673 (rather than coincident).
49	BY21674		Found in Larkin Type D1, M222 individuals. FTDNA now consider it parent of BY21671 rather than coincident.
50	BY21671		Under M222. Found in Larkin Type D1 of Ireland. FTDNA Tree once had incorrect parent of BY21680.
51	BY21676	R-BY21676 A15868	Found in Larkin Type D1 of Ireland. Coincident with A15871.

# View your own DNA Pedigree

- Enter your terminal SNP for Y-DNA
  - or Haplogroup for MtDNA
  - <https://www.genetichomeland.com/welcome/dnapedigree.asp>
  - Printable
  - Free tool, does not require registration
- Currently 25,728 Y tree branches as of 30 May 2019

DNA Pedigree

GeneticHomeLand.com Mapping Technology for DNA, Surname & Genealogy Research

Ancestral DNA Marker Pedigree Display

This is presented below is GeneticHomeLand.com's working draft of the phylogenetic order of markers based on a variety of sources. It is by no means final or authoritative but offered for genealogical purposes and entertainment only. This tool works in conjunction with our DNA Marker Index which shows additional information for individual markers. The longest pedigree is 64 genetic marker branches deep. Currently there are 21,718 branches recorded in our database as of 5/30/2019 5:12:40 PM.

Phylogenetic Ancestral Tree for marker [BY118188] on Chromosome Y (Tree: 1379351)

Tree Order	Marker Name	Reference	Notes
1	HomoSapiens	hg38:21292869-T-G	Human and Denisovan diverge from ancestral allele T found in chimpanzees at this position. hg38 Ref is G.
2	YAdam	hg38:2544421-A-G	Ancestral allele in chimpanzees is A implying this is probably a human-defining SNP for homo sapiens. hg38 Ref is G.
3	L1055	rs222655-T-C	Defining mutation for near-root haplogroup A0-T (aka A0'1234). That is to say father of ALL modern Y-DNA lineages except A00. hg38 Ref does not match ancestral allele value.
4	P305	rs12623265 2342113-A-G	Defining mutation for haplogroup ISOGG branch A1. hg38 Ref does not match ancestral allele value.
5	P105	rs161539052	Defining mutation for haplogroup branch A1b at ISOGG. hg38 Ref does not match ancestral. Also enumerated as hg38:12214285-C-T.
6	L413	PF1409 V31 rs122323207	Defining mutation for haplogroup branch BT at ISOGG. hg38 Ref does not match ancestral allele value.
7	M105	PF1410 rs2032355	Defining mutation for haplogroup branch CT. hg38 Ref does not match ancestral allele value.
8	P143	PF2587 rs4141558	Defining mutation for haplogroup branch CF. hg38 Ref does not match ancestral allele value.
9	M59	PF2748 rs2032652	Defining mutation for haplogroup F. hg38 Ref does not match ancestral allele value.
10	P1329	M3855 PF2822 YSC0001299 rs2758452	Defining mutation for haplogroup branch above GHJK (sic). hg38 Ref does not match ancestral allele value.
11	M575	P29 56307 PF3494 56375 rs72614510	Mutation at haplogroup branch HUK. hg38 Ref does not match ancestral allele value.
12	M523	L18 PF3492 S137 24413 rs2758139	Defining mutation for haplogroup branch IJK. hg38 Ref does not match ancestral allele value.
13	M9	PF5505 rs2900	Defining mutation for haplogroup K. Predecessor of haplogroups T, P, and NO. Arise about 45,000 bce. hg38 has incorrect Ref versus ancestral allele.
14	M526	PF5979 rs2033003	hg38 Ref does not match ancestral allele value.
15	M1221	PF5911 YSC0186 P331 YSC0000186 rs2755924	FTDNA shows this as ancestor to haplogroups M,P, and S. hg38 Ref allele does not match ancestral.
16	P295	PF5565 S5 rs295530	Defining mutation for haplogroup R. Predecessor of haplogroups R and Q. Arise about 43,000 bce. hg38 has incorrect Ref.
17	M45	PF5962 rs2032821	Defining mutation for haplogroup branch P1 / QR. (K2b2a). hg38 Ref does not match ancestral allele value.
18	M207	Page27 PAGE500027 PF6035 UTV2 rs2032855	Designates major haplogroup R, ancestor to R1a, R1b, and R2 (aka K2b2a2). Arise about 20,000 bce. hg38 Ref does not match ancestral allele value.
19	M173	P241 Page29 PAGE500029 PF6126 rs2032824	Designates major haplogroup branch R1*. Arise about 28,000 bce. hg38 Ref does not match ancestral allele value.
20	M343	PF6242 rs2726154	Designates major haplogroup R1b. Arise about 22,000 bce. hg38 Ref does not match ancestral allele value.

# Y-37 Test of STR Markers

- STR-only testing is not very meaningful for geographical matching in Ireland.
- Typically only gets us to about Tree Level 24 (versus level 52 in our previous example)

# Big Y-700

- New test package from FTDNA that incorporates both SNP and STRs.
  - FTDNA Big Y-700 SNP matches offer much higher resolution than Y-37:
    - TMRCA to 40 year increments
    - Big Y-700 match with ancestral geography in Ireland is a very powerful genealogy clue!

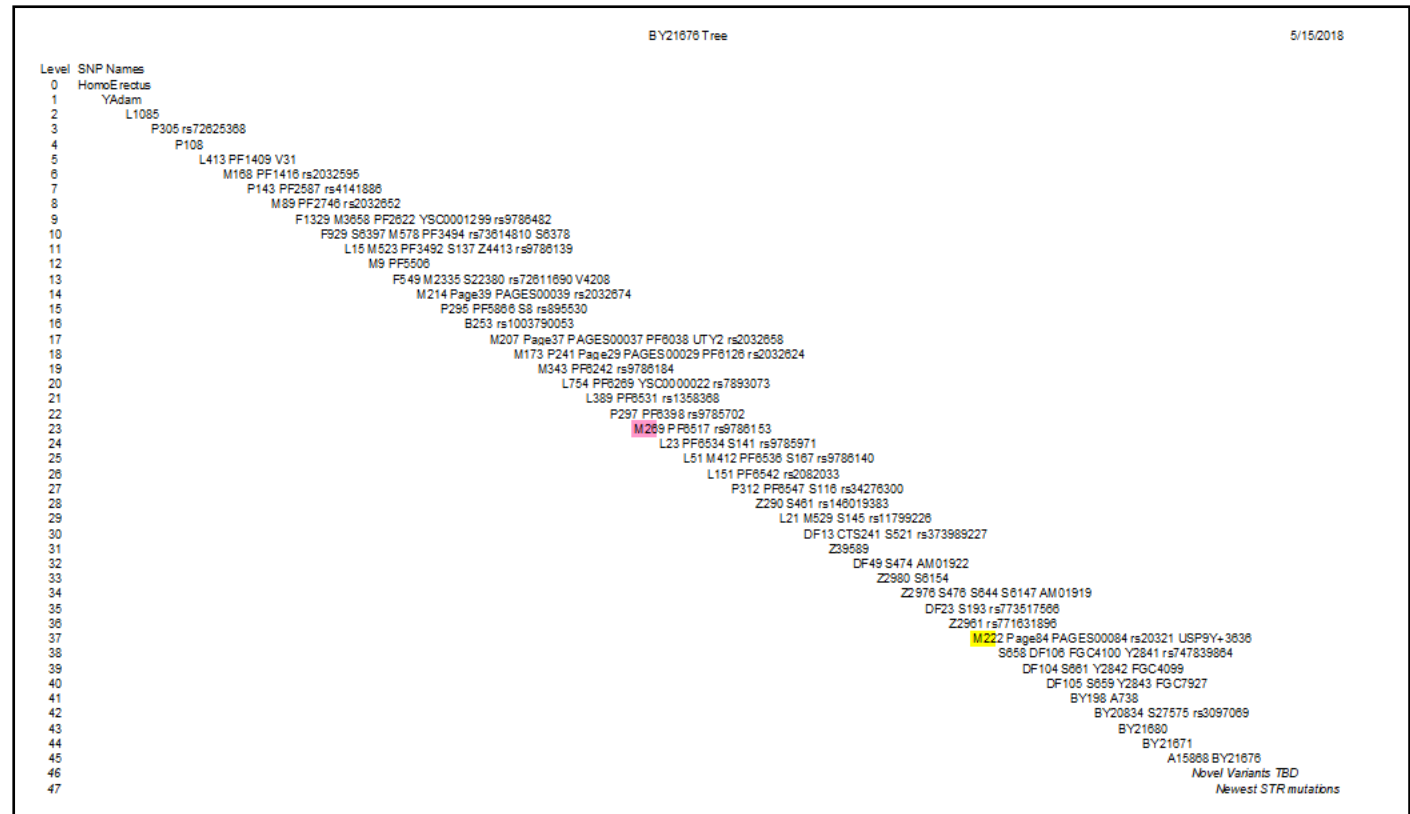
# Y-DNA Kinship Measurement

- Actual Phylogenetic Tree for branch of SNP *BY21676*

•44 branches  
from Y-Adam

•22 branches  
below M269

•8 branches  
below *M222*



# Genetic Genealogy - DNA

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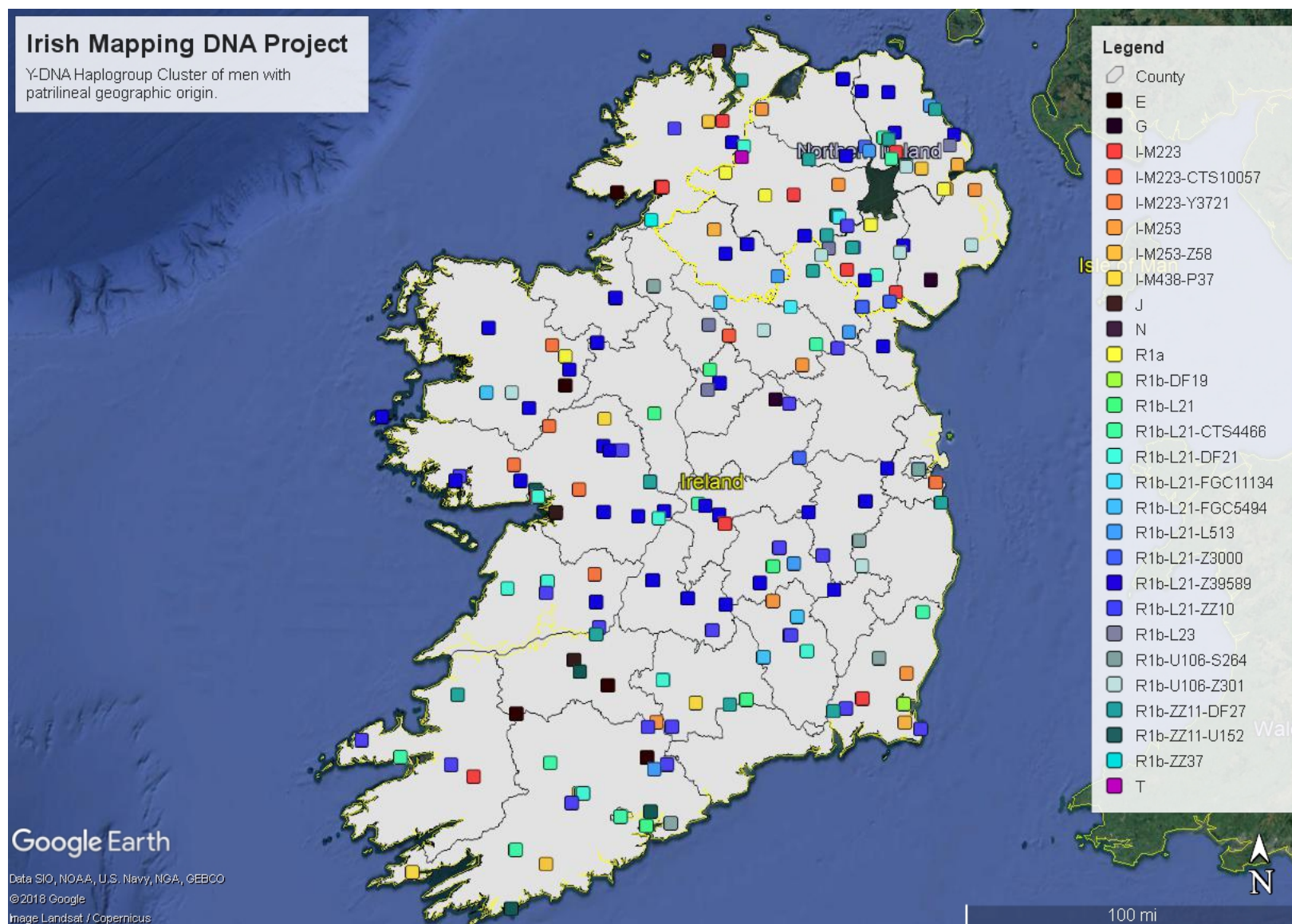
# Irish Mapping DNA Project

- Geographic origins of Y-DNA originating in Ireland.
  - Precise latitude and longitude origins of persons on related Y-DNA SNP branches
- Project Statistics as of 08 May 2019<sup>1</sup>
  - 1,226 Total members
  - 944 Y-37 Tests
  - 446 Big Y Tests
    - 144 Big Y with Latitude & Longitude in Ireland

<sup>1</sup>Irish Mapping DNA Project at Family Tree DNA, Project Statistics,  
<https://www.familytreedna.com/groups/irishmapping/about/project-statistics>

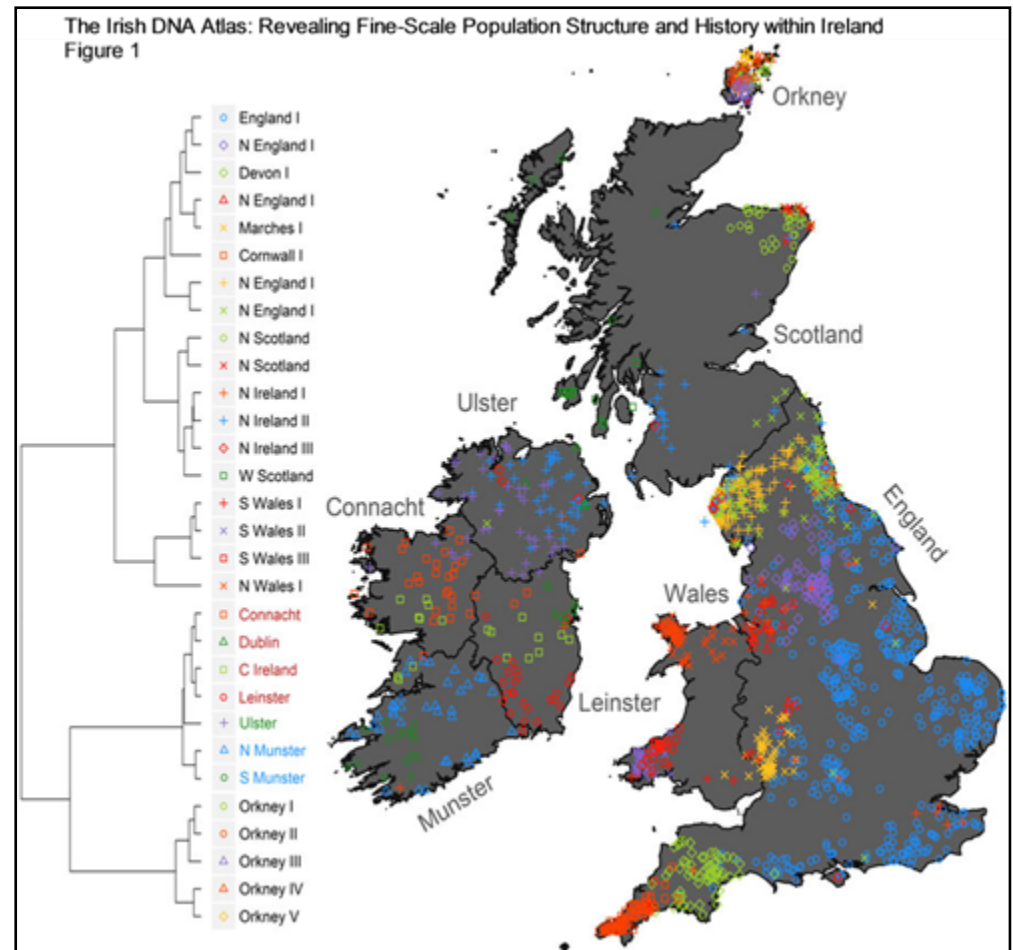


# Y-DNA: Irish Mapping DNA Project



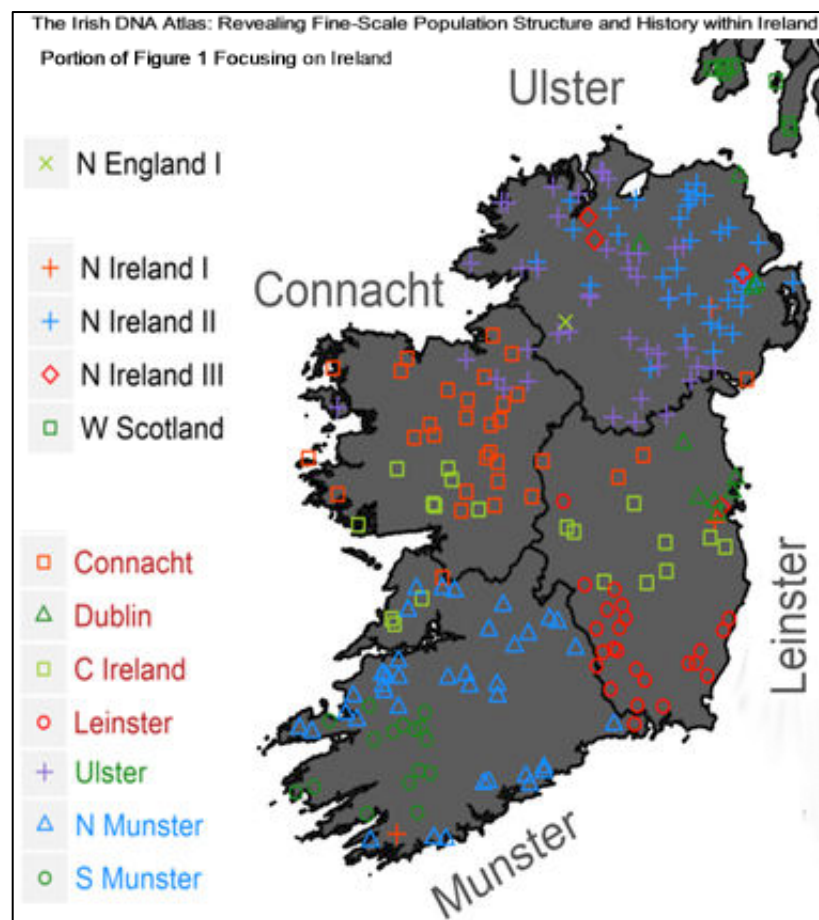
# Autosomal Projects: IDA & POBI

- British Isles Geographic Projects
  - Irish DNA Atlas (IDA)
  - Peoples of the British Isles (POBI)
- Avg Lat/Long plot segregated into 30 autosomal clusters among 2,103 individuals



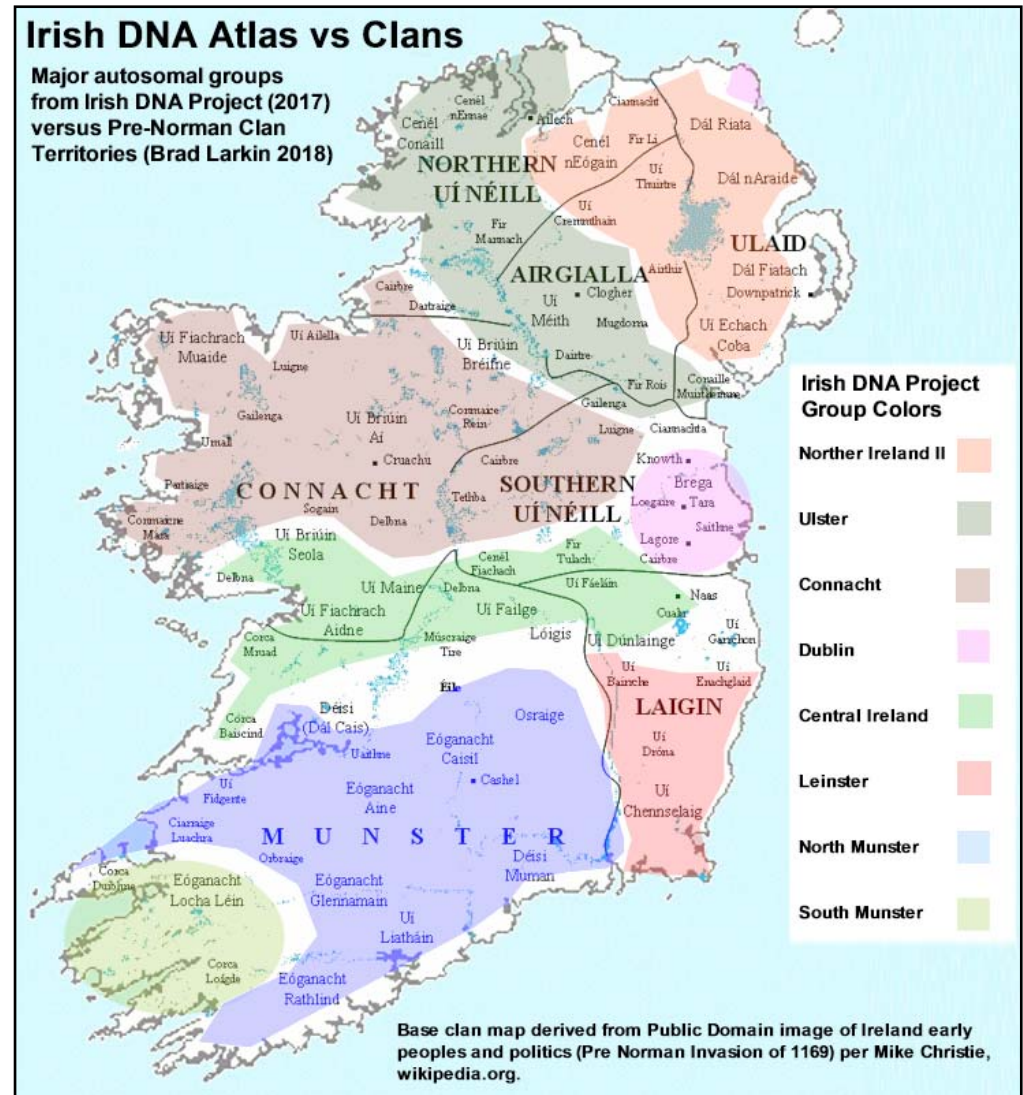
# Irish DNA Atlas Project

- Focusing on the autosomal results within Ireland.
- IDA project found:
  - Some conformance to historical provinces
  - Some East-West bands not part of provincial structure

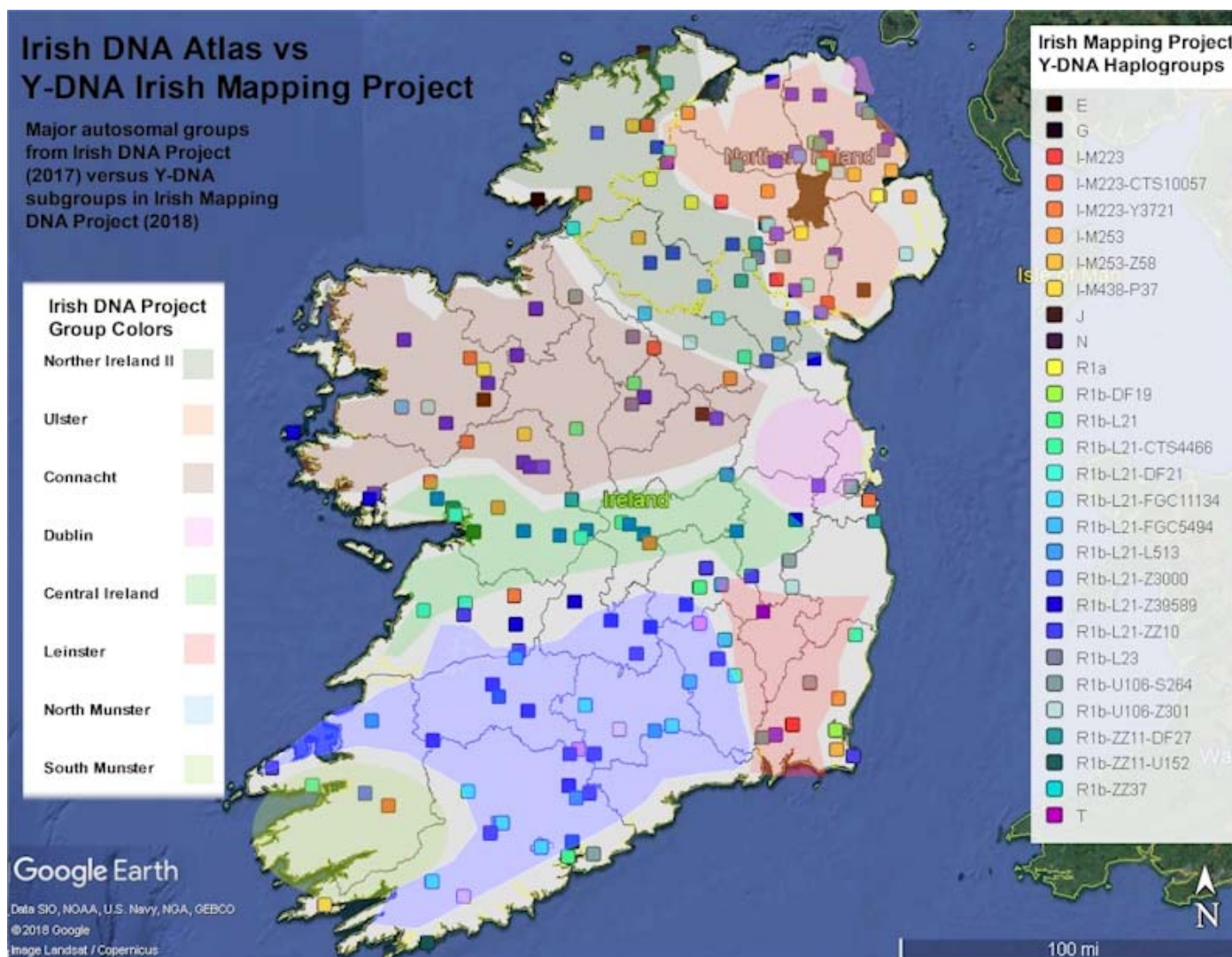


# IDA vs Clan Territories

- Approximate IDA autosomal groups overlaid on pre-Norman clan territories map of Ireland.



# IDA Autosomal vs Y-DNA



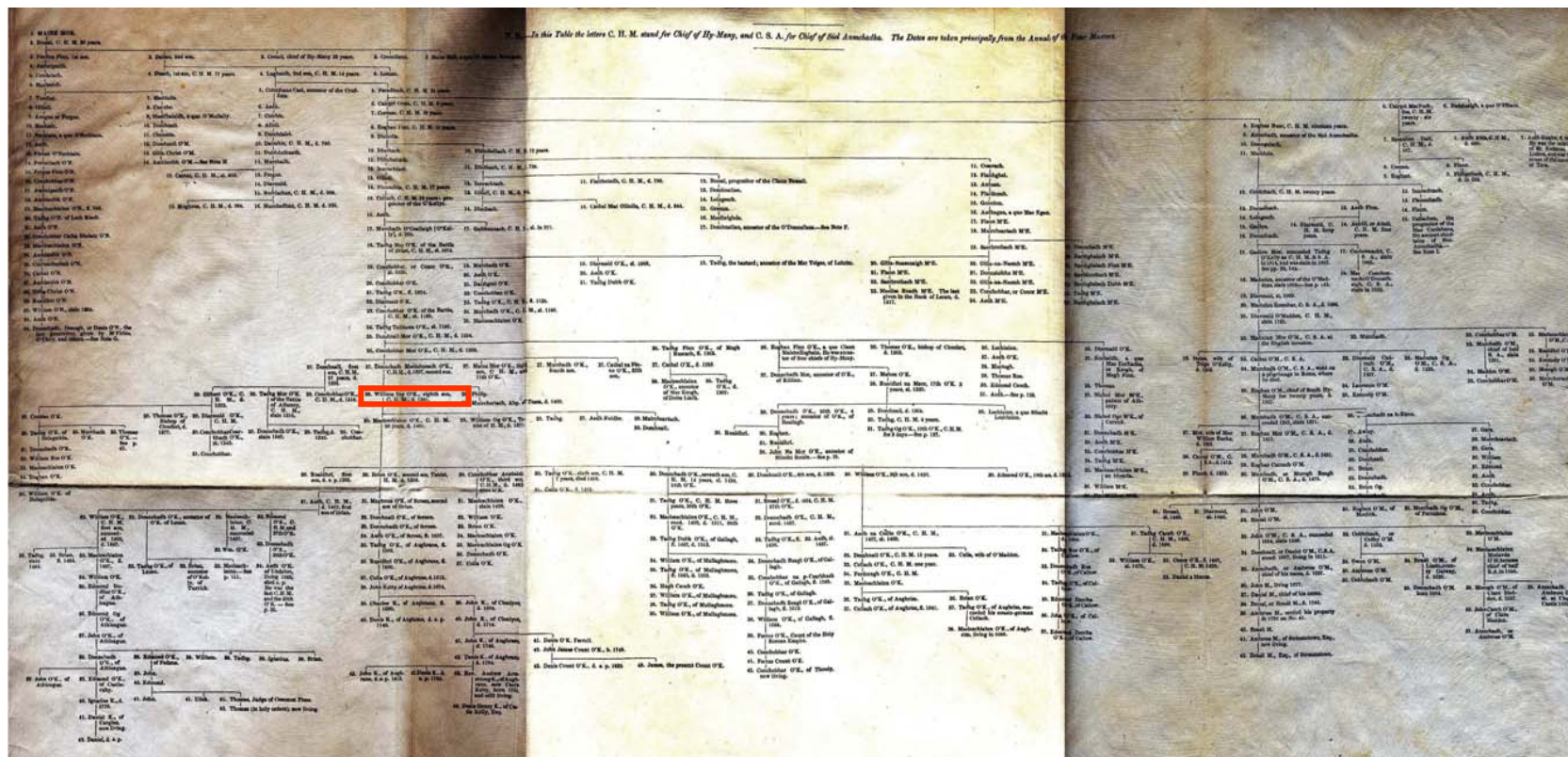
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# Uí Maine Pedigree by O'Donovan

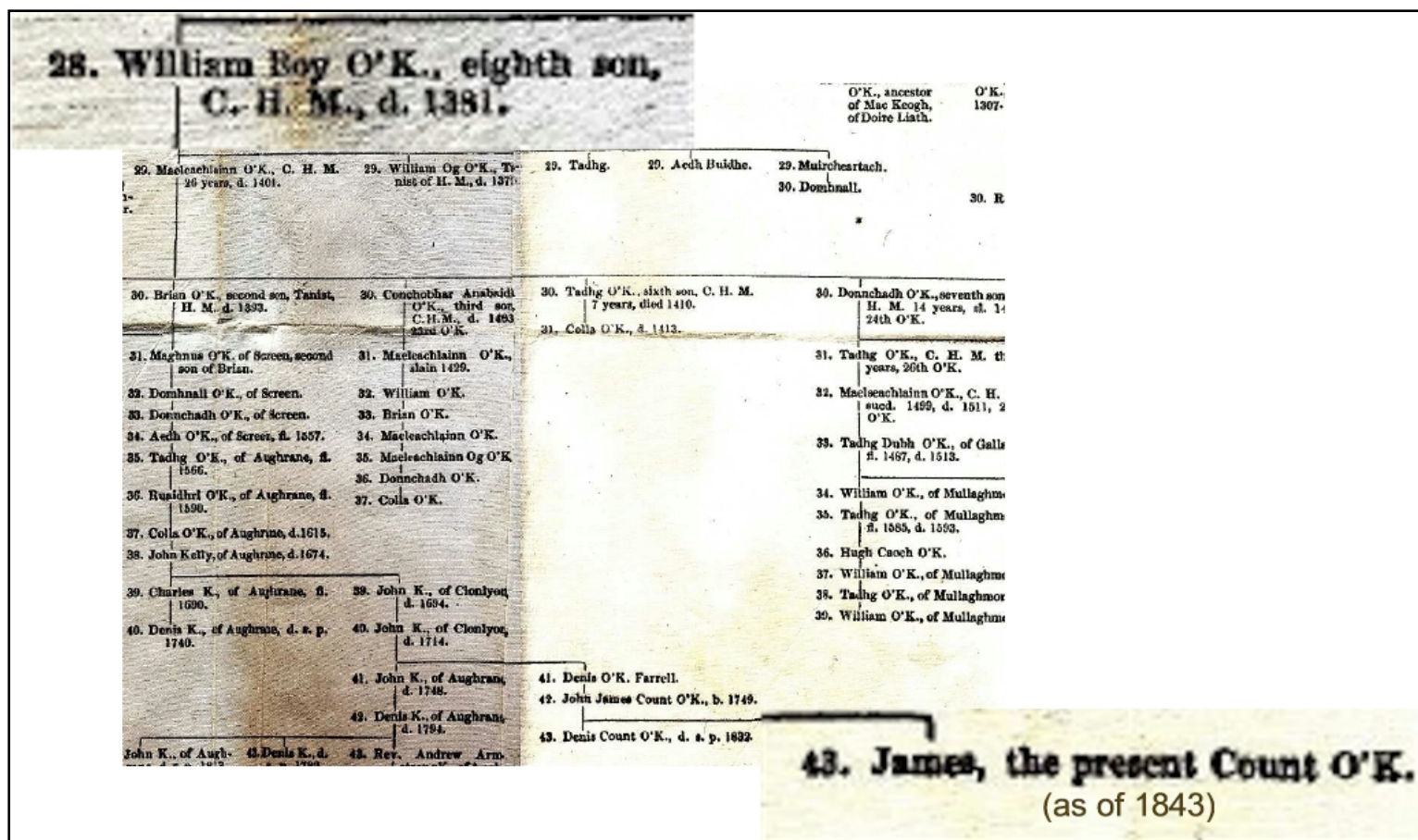
- King Máine Mór led his people to re-conquer and occupy western Ireland in the 4<sup>th</sup> century.
- Highlighted in red in the middle is William 'Boy' O'Kelley
  - Died in 1381, one of last Gaelic Chieftans of Hy Many.
  - 28<sup>th</sup> generation from King Maine Mor.



Pedigree Image from provided by Aidan Kelly of the Kelley/Kelly Y-Chromosome [DNA Surname Project](#) (2016)

# Pedigree of Count O'Kelly

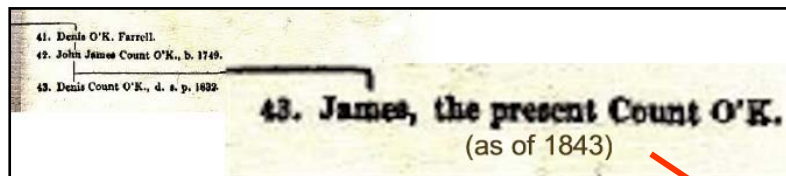
- O'Donovan's pedigree includes a line of descent to Count James O'Kelly who was known to O'Donovan in the 19<sup>th</sup> century





# O'Kelley Pedigree and DNA

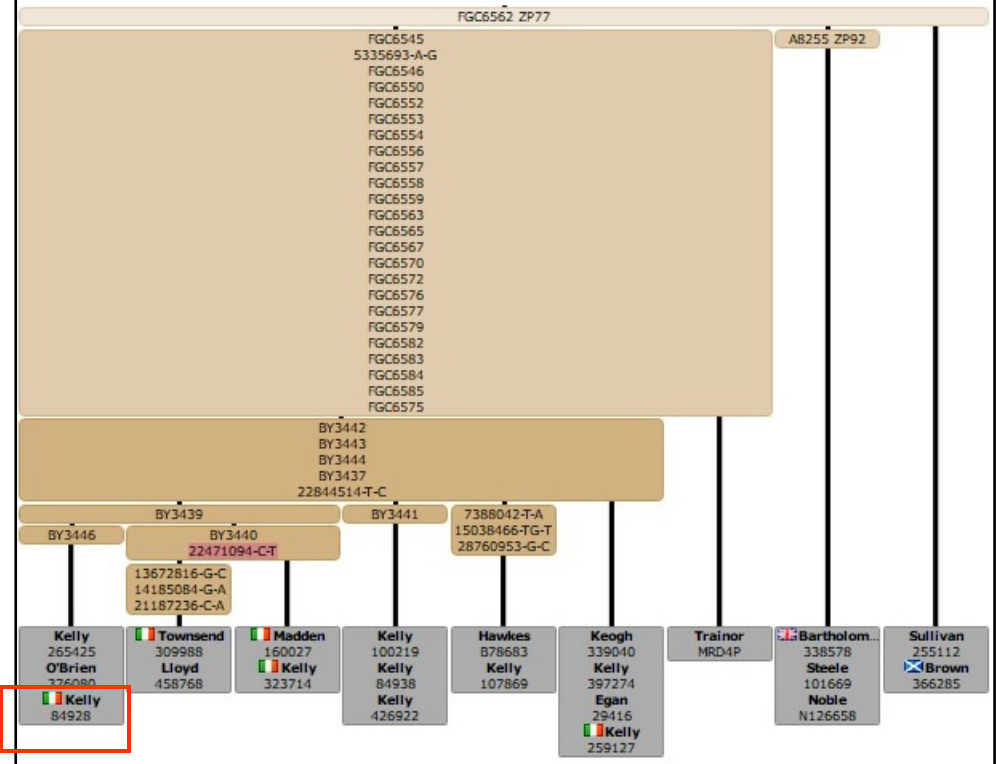
- Kelly DNA Project shows multiple Y-DNA lineages from Galway.
- Including descendant of Count James O'Kelly in the O'Donovan Pedigree



## The Big Tree: R-FGC6562

R-P312/S116 > L21/S145 > DF13 > Z39589 > DF49/S474 > Z2980 > Z2976 >

These are the NGS tested men in group R-FGC6562



# Genetic Genealogy - DNA

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  4. Combination of old pedigrees with modern descendants who have Y-DNA tests.
- There's a lot going on with Irish genetic genealogy!
    - Genetic Genealogy is likely to help you localize your Irish genealogy research in the future
      - Even if it has not done so thus far.

# Unlock Your Lineage

- Making DNA Work for you in searching for Irish Ancestral Geography
- If you do not know where in Ireland your ancestor came from:
  1. Identify kinsman with patrilineal descent from your Irish ancestor
  2. Obtain Y-DNA test with Informed Consent
    - Big Y-700
  3. See if any of the high-resolution Y-DNA matches know their ancestral geography

# What if no Close Y-DNA Matches?

4. Study geographical **clusters** and patterns of the Surname in 19<sup>th</sup> century Ireland.
5. Develop hypothesis for most likely geographical area(s) for your ancestor.
  - Monitor DNA projects with Irish ancestry
  - Use digitized records to trace descendants from that area that could provide Y-DNA sample.
6. Heritage Travel & Recruitment
  - Visit that area of Ireland and recruit new Y-DNA participants from that geography / surname.
  - If they match, you've found a good lead for further parish research.

# Digital Communications & Social Media

- Searchable Telephone Directories
  - Republic of Ireland
  - Northern Ireland
- Low Cost International Dialing
- Email Widely Adopted
- World Wide Web sites
- Facebook
  - Popular in Ireland
  - Surname History / Genealogy Groups

# Questions

- Digital Irish Records Research
- Irish Genetic Genealogy
- No Questions on 3<sup>rd</sup> Party Sites not mentioned in presentation



Brad Larkin

Southern California Genealogical Society  
Jamboree 2019

