

DNA profiling of McCarthy septs and agnomens.

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To join the McCarthy Surname Study, go to
<http://www.familytreedna.com/public/McCarthySurnameStudy/default.aspx> (also accessed
by googling FTDNA+McCarthy) and hit *Join Request* tab.

To view further files: <http://tinyurl.com/McCarthyScrapbook>

Goals of the McCarthy Surname Study

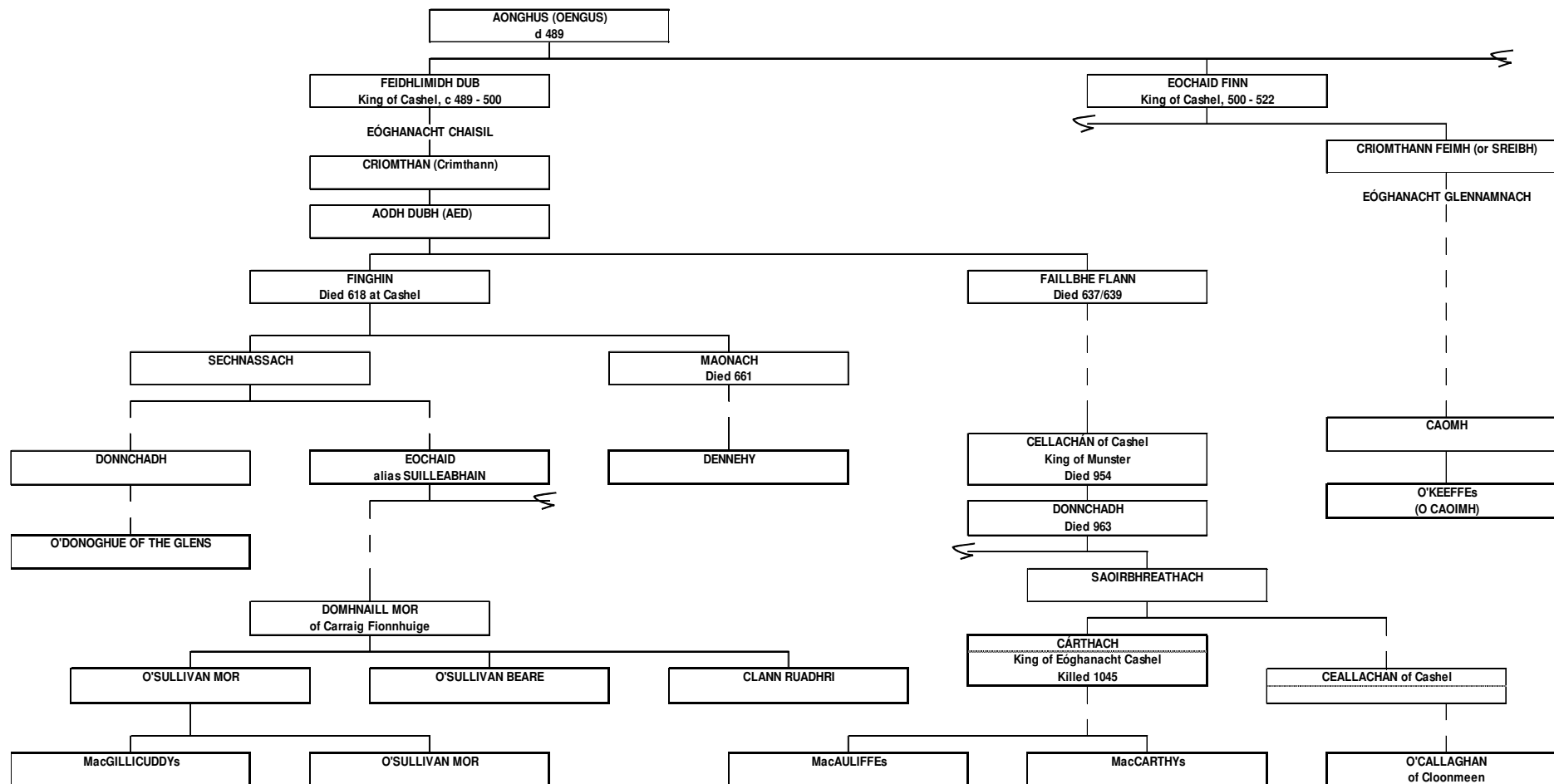
Testing for mutations on the Y-chromosome which:

- a) distinguish McCarthys (and variants of the name) from one another.
- b) **establish yDNA profiles associated with the various McCarthy septs, subsepts and agnomens and compare their inter-relationships with those suggested by both ancient and more recent written genealogies, thus testing the veracity of these records.**
- c) indicate probable time, and likely place in which common ancestors lived where these cannot be determined through traditional genealogical methods.
- d) distinguish McCarthys (and variants of the name) from certain other southern Irish "Eóghanacht" families, the chiefs of which are claimed, in genealogies written many centuries ago, all to have common ancestry in the 2nd / 3rd century A.D. King Olioll Olum.

DNA profiling of McCarthy septs and agnomens



Eóghanacht Chaisil (Cashel) and Glennamnach (Glanworth) origins according to Book of Munster and other sources.





McCarthy name origin

- **The ancient genealogical tracts record that Cárthach, son of (mac) Saoirbhreathach (anglicised as Justin), was killed in an arson attack in 1045 A.D.**
- **Both prior to and for many centuries after this, identity was by one's genealogy: A mac B mac C mac D.**
- **However, by the 11th century the names of illustrious forebears of members of families were being adopted as permanent surnames, and the progeny of Cárthach became known as MacCarthaigh.**

Other means of acquiring the McCarthy surname

Some reasons why we might not be direct male-line descendants of the eponymous Cárthach:

- **Soldiers, serfs, or slaves, or hostages taken in battle and who remained with their captives, all under the tutelage of a McCarthy chieftain, adopting this surname.**
- **Raiders such as Vikings being absorbed, a century or two after they settled in Ireland, into the 'tribe' which became the McCarthy family as they became gaelicised.**
- **Forced (e.g by invading forces) or consensual relations between McCarthy womenfolk and others.**
- **Adoption (e.g. by a chieftain of a sister's orphaned children).**
- **Stepsons taking the McCarthy name of a stepfather following the death of their birth father.**
- **The name being derived from another first millenium Cárthach and / or becoming applied to members of independent O'Carty septs.**

Some of the above are referred to as NPEs (Non-Paternal Events).



McCarthy sept names

- In time, as the family flourished, “sept” names identifying particular branches of the family came into use (ca. 14th century).
- The senior lineage, became retrospectively assigned as MacCarthy Mór, and was to be found in Co Kerry from the 13th century.
- The other principal septs were initially:
 - Reagh (based in Carbery, in West Cork)
 - Muskerry (north of the River Lee, including Blarney)
 - Duhallow (north-west Cork)
- These soon broke down into numerous subsepts, some major (such as MacCarthy Glas of Gleannachroim, in Dunmanway area, Co Cork), some of less importance (such as the Clan Teige Ilen MacCarthys north of Skibbereen, Co Cork and Sliochd Arda Canachta, in Co Kerry).

MacCarthys in disguise? The 1659 Pender Census

- Cormac (anglicised Charles), Donal (Daniel), Donnogh (angl. Denis), Dermod, Finghin (Finyne, angl. Florence), Eoghan (Owen), and Teige (Tadhg, angl. Timothy) were dominant names among MacCarthys.
- Data below for some Co Cork divisions of the 1659 census suggests many MacCarthys (and no doubt other gaelic families) had their names recorded in the traditional manner.

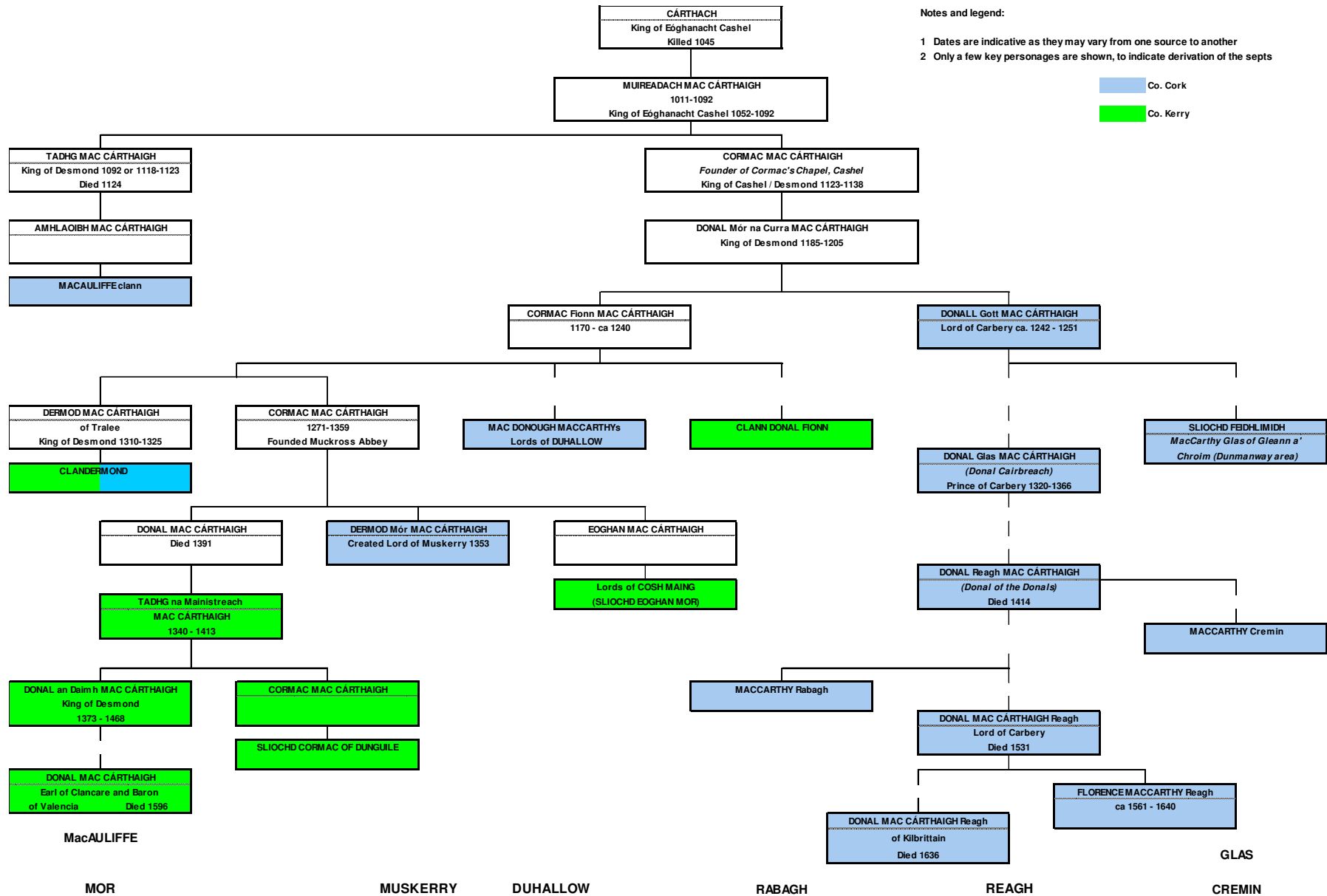
	McAulife	McCarthy	McCormack	McDaniell	McDonnogh	McDermod(y)	McFinyne	McFinne, O Finn	McOwen	McTeige
Cantred of Kilbrittain		23		18					9	18
Ibane and Barryroe		19		15	19	14		22		32
Carbery East Division		26	19	93	65	90	25			99
Carbery West Division	11	24	20	88	96	85	38		33	82
Beara and Bantry				35	12	29			22	33

DNA profiling of McCarthy septs and agnomens



MC CARTHY DNA STUDY

Second millennium MacCarthy septs





McCarthy agnomens

- **Emerging from the darkness of the 18th century, those McCarthys who had not ventured abroad to Catholic Europe or America still sought means of distinguishing one McCarthy family from its McCarthy neighbours.**
- **Numerous new supplementary names or ‘agnomens’ are now evident in the records alongside the remnants of the older sept names; it is apparent that some could have already been in use for several centuries.**
- **Derivation of agnomens is from a variety of sources as suggested in the next slides.**
- **In 19th century parish records, the McCarthy name may be missing altogether, but all at that time knew and most McCarthys today know that Denis Crimen, Daniel Farshing, Michael Meenig and Cornelius Rabagh refer to McCarthys.**

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McCarthy agnomens and their origins

Agnomen / Sept	(Suggested) meaning / remarks (various sources)	No. in project
Bawny / Bawnee	(1) A McCarthy who owned a white cow. (2) White-haired (also used for other surnames)	
Begarach		
Brogach	Association with shoes (shoemaker?)	1
Cas		
Cawsca (Cásca)	Of Easter	
Ciarach		
Cnuic, Cunic, Cnoic	Of the hill (?)	1
Corky		
Cowhig		
Crime(e)n, Cremin, Cremeen	Descendants of Dermod Mac Carthaigh and the daughter of O'Croimin	4*
Cruig (Cruaidh)	Stern, hard	2
Daunt	Non-McCarthy surname in own right: identifies maternal origins?	
Duna / Dooney / Down(y))	Connected to Diarmuid Duna, Lord of Carbery 1453-1473 (Reagh sept)	
Farshing (Fairsinn)	Generous	1
Guideagh / Guidah (Gaibhdeach)	Strong, substantial	1
Galda	Foreign	
Glas	Green - major MacCarthy sept. Connected to Norsa, but NPE suspected.	2

* Three share a common Cremeen ancestor b 1658.

DNA profiling of McCarthy septs and agnomens



MC CARTHY DNA STUDY

McCarthy agnomens and their origins (contd.)

Agnomen / Sept	(Suggested) meaning / remarks (various sources)	No. in project
Mointeain / Mountain	Móintín = a small stretch of moorland or bog. Association with same, or from a townland bearing the name Mointeain, Mounteen etc.? Also used for other surnames.	
Mucklagh	? = Muc-fhialach - hospitable in pigs	
Muineagh / Meenig	Muineach = scrub(land)	2
Norsa	From Teige an Fhorsa (Onorsi) MacCarthy of Sliochd Feidhlimidh. See also Glas	1
Rabagh (Rábach)	Dashing, generous	1
/ Cals	Callaghan MacCarthy family of Knocks W / Bealad W	1
Reagh (Riabhach)	Swarthy	1
Saileach	Willow tree	
Samhna / Sowney	Having to do with the feast of Samhain / Halloween	3
Simons	Simon MacCarthy family of Barryroe	
Spaineach / Spawnach	Descended from Domhnall or his son Cormac Spáineach (Muskerry sept).	
Strock (Stracaire)	Big, powerfully built man	
Tallin / Tollin	Of the salt (an tsalainn)?	1
(Clan) Teige Ilen	Sept of a Tadhg MacCarthy located on the River Ilen, on north side of Skibbereen	1
Tulach	Tulach = mound, low hill; occurs in place names, e.g Tulach townland (Ichigeelagh parish).	
Turk	Turkish connection? (Agnomen for a Cl. Teige Ilen participant)	

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Y-DNA haplogroups and haplotypes

	Haplogroup	Haplotype
Defined by:	SNP	Set of STR values
Typical designation:	I2a1b2, R1b1a2a1a1b4 *	13, 23, 14, 11, 11, 14, 12 etc.
or by terminal SNP:	I-L161.1, R-L21	-
Defines ancestry from:	>100,000 years ago	ca. 3,000 years ago
to (current use):	ca. 1,000 - 3,000 years ago **	Present day
Subdivision known as:	Subclade	-
Mutations result in:	New SNPs forming new subclades	Changes to STR values at DYS
Mutations reversible:	Almost never	Yes

* May vary from one organisation to another (e.g FTDNA to ISOGG).

** In the next few years the rigid definition given by SNPs will bring us into the second millennium.

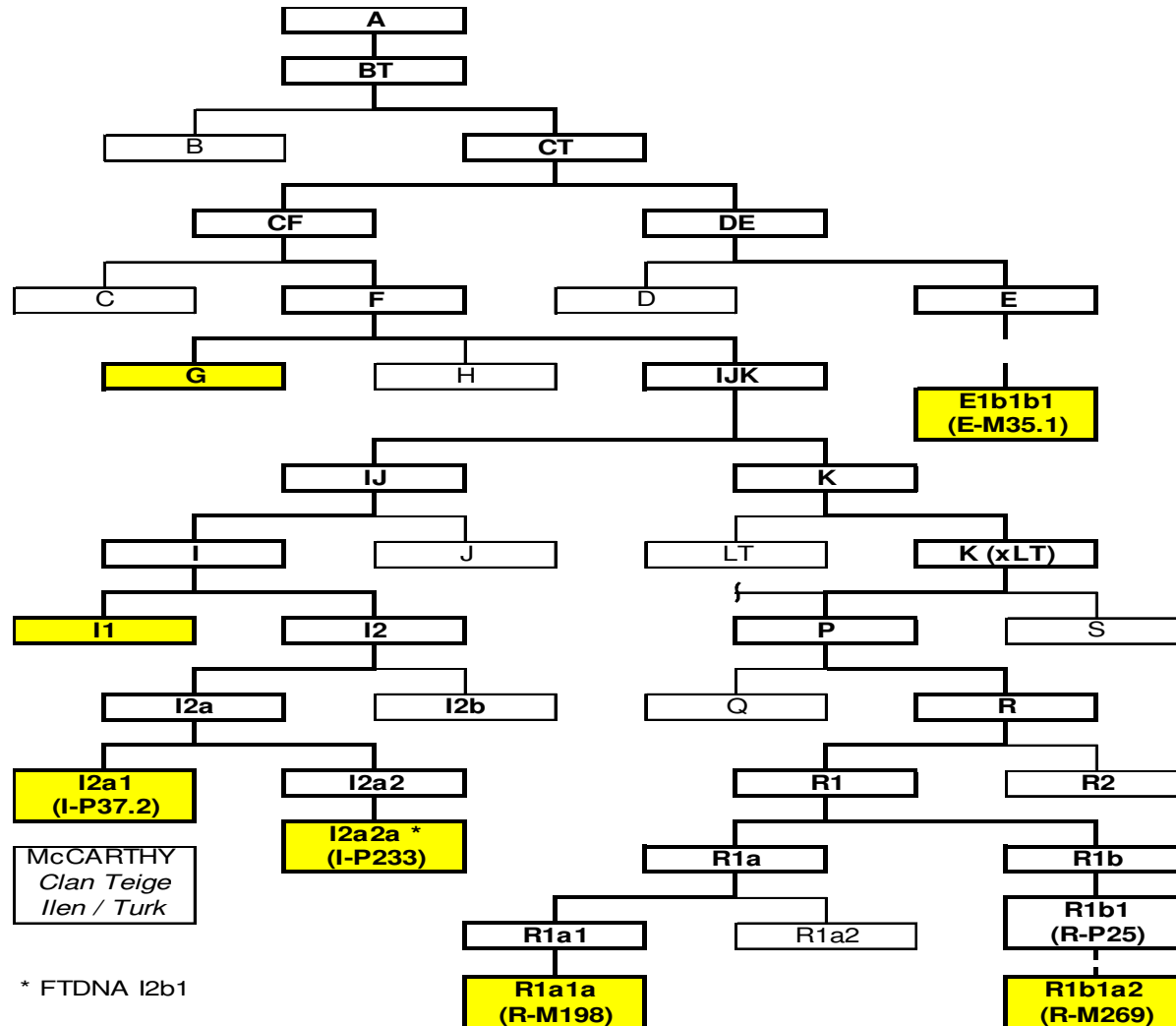
Nomenclature:

SNP	Single Nucleotide Polymorphism
STR	Short Tandem Repeat
DYS	DNA Y-chromosome segment

DNA profiling of McCarthy septs and agnomens



Male phylogenetic tree – from Africa to R-M269



* FTDNA I2b1



DNA profiling of McCarthy septs and agnomens

Male phylogenetic tree – from R-M269 to present (1) (Reproduced with the kind permission of Mike W Walsh)

R1b-L21 Phylogenetic Tree with Upstream (Ancestor) & Downstream (Descendant)

SNPs Based on ISOGG Phylogenetic Tree of October 9, 2013 and research from citizen-scientists – M.W.W. – -- DRAFT ---

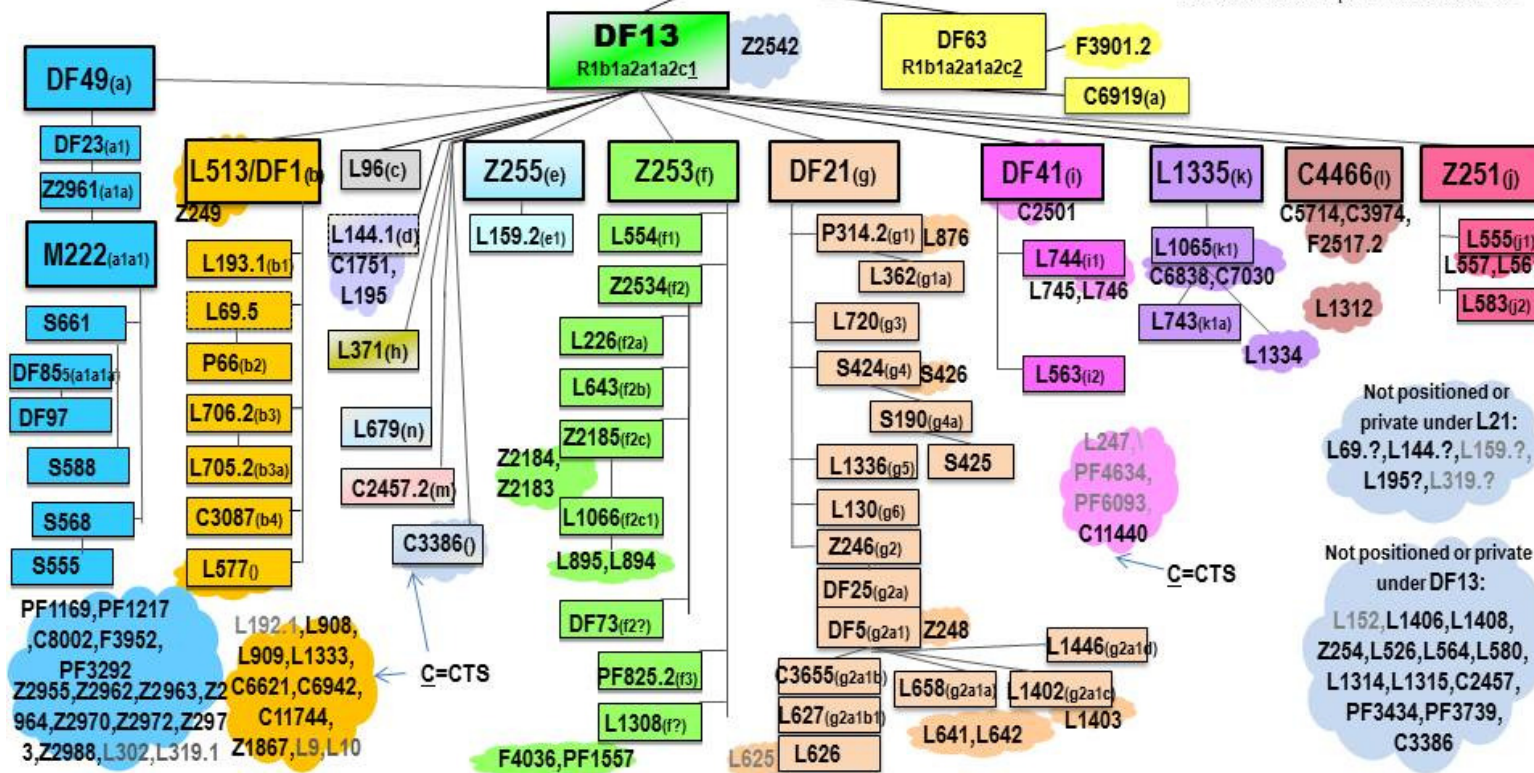


SNP (Single Nucleotide Polymorphism)

ISOGG Haplogroup (International Society of Genetic Genealogy)

These SNPs labels are the ones commonly used by FTDNA but a list of equivalent SNPs and alternate labels can be found at ISOGG under the R1b-L21 Yahoo Group LINKS or at http://www.isogg.org/tree/ISOGG_HapgrpR.html

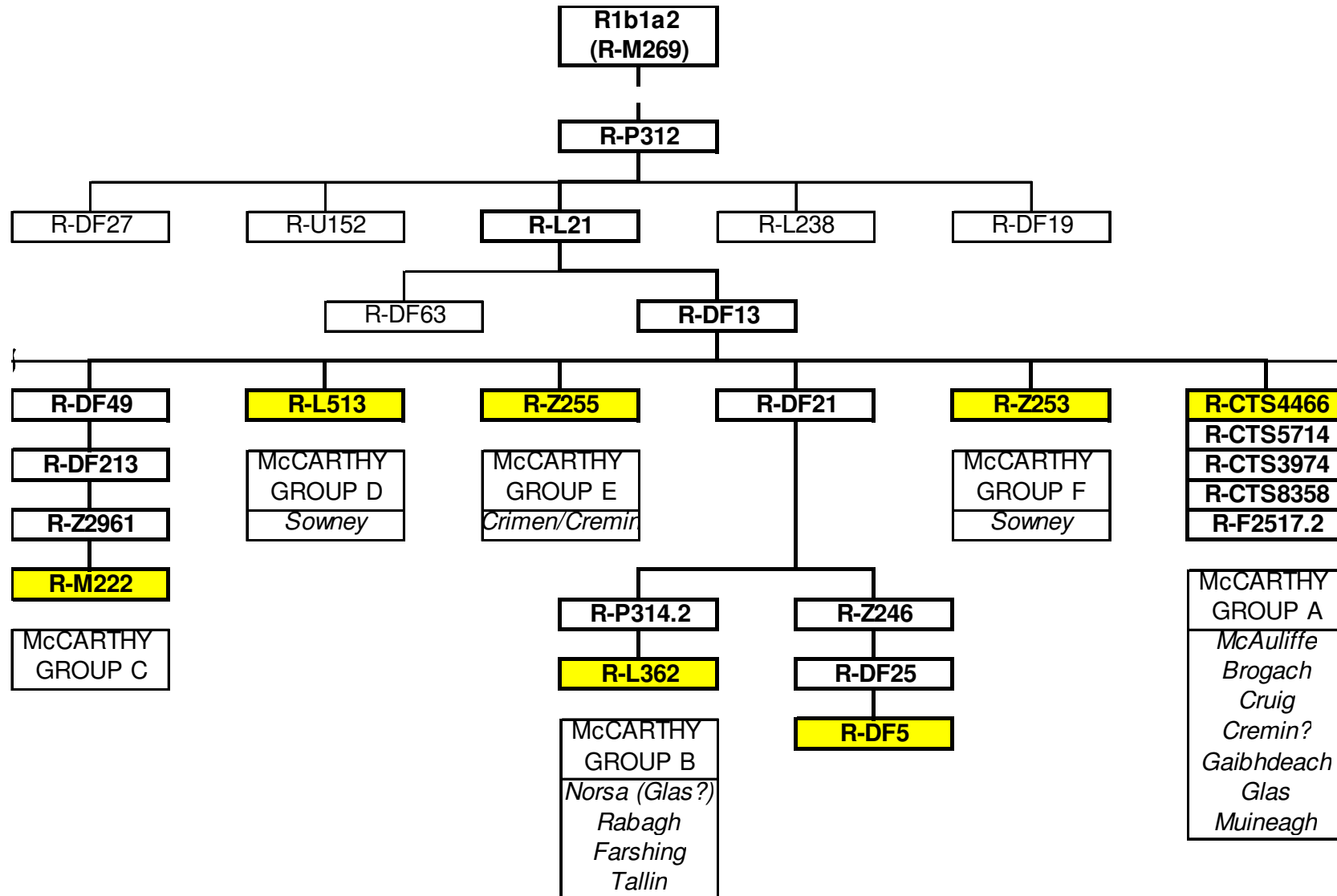
ISOGG Haplogroup - appendix digits for the major subclades are in parenthesis below.



DNA profiling of McCarthy septs and agnomens



Male phylogenetic tree – from R-M269 to present (2):



DNA profiling of McCarthy septs and agnomens



MC CARTHY DNA STUDY

Genetic Distribution of McCarthys

Haplogroup / Haplotype	McCarthy Group	Agnomens / derived surnames identified	FTDNA McCarthy Surname Study		Ireland yDNA Project (Note 1)
			No.	%	%
E1b1b1	Hg E1b1b1		3	2	1
G	Hg G		2	1	1
I1	Hg I1		2	1	5
I2a	Hg I2a		2	1	3
I2b1	Hg I2b1		2	1	4
R-M198 (FTDNA R1a1a)	Hg R1a1a		3	2	2
R-M269 (FTDNA R1b1a2):			126	90	82
R-L21 / CTS4466 etc. (Irish Type II)	A	Brogach, Cremeen, Cruig, Gaibhdeach, Glas, Muineagh, McAuliffe	30	21	
R-L21 / haplotype associated with R-L362	B	Farshing, Norsa (/Glas?), Rabagh, Tallin	39	28	0.3
R-L21 / / M222 (Irish Type I)	C		10	7	
R-L21 / L513 Dingle Bay Variant	D	Sowney	5	4	
R-L21 / Z255 (Leinster / Irish Sea Modal)	E	Crimen / Cremin	10	7	
R-L21 / Z253	F	Sowney	3	2	
R-L21 / Z246 / DF25 / DF5			1	1	
Unassigned		Glas, Reagh	28	20	
Total			140	100	

Note 1: based on 3109 records at 13 Sep 2013 where country of origin given as Ireland



McCarthy septs and agnomens in the Study

Agnomen / Derived surname	McCarthy SS Group	No. in project
Brogach	A	1
Cnuic, Cunic, Cnoic	On test	1
Crimen, Cremin, etc.	E *	1
Cruig (Cruaidh)	A	2
Farshing (Fairsinn)	B	1
Guideagh etc. (Gaibhdeach)	A	1
Glas **	A, M1	2
McAuliffe	A	3

* There are also three of a Cremeen family in Group A

Agnomen / Derived surname	McCarthy SS Group	No. in project
Muineagh / Meenig	A	2
Norsa	B	1
Rabagh (Rábach)	B	1
/ Cals	B	1
Reagh (Riabhach)	B?, MX	1
Samhna / Sowney	D, F	3
Tallin / Tollin	B	1
(Clan) Teige Ilen / Turk	Hg I2a	1

** See also Norsa

So who was the eponymous Cárthach (d 1045 A.D.) ?

The case for McCarthy Group B lineage (SNP L362):

- **McCarthy Group B, accounting for 30% of all McCarthys, is the only substantial group with a single common ancestor who lived about the time of Cárthach.**
- **Group B McCarthys Norsa, Rabagh and Tallin claim origins in the MacCarthy Reagh sept; common 14th century ancestry is feasible. Donal Reagh MacCarthy is reputed to be the 9th generation in a direct line from Cárthach.**
- **Y-DNA testing indicates that most Calla(g)hans do not share the common ancestry suggested by the Eóghanacht Chaisil genealogies; however, some align genetically with the Group B McCarthys in a manner which is consistent with common ancestry in Cárthach's father Saorbhreathach (Justin).**

So who was the eponymous Cárthach (d 1045 A.D.) ?

The case for a McCarthy Group A lineage:

- **The 20% of McCarthys who comprise Group A have the Irish Type II haplotype, sharing common paternal ancestry with over 50% of O'Sullivans and O'Keeffes, 30% of O'Mahonys etc. This is consistent with origin in an early Eóghanacht Chaisil progenitor as indicated in the ancient genealogical tracts.**
- **McAuliffes are claimed in histories to derive from a grandson of Cárthach. All three tested to date have Irish Type II haplotypes.**

Some McCarthy phylogenetic trees

- **A skeletal version of the origins of McCarthy Group B**
- **The origins of McCarthy Group D**

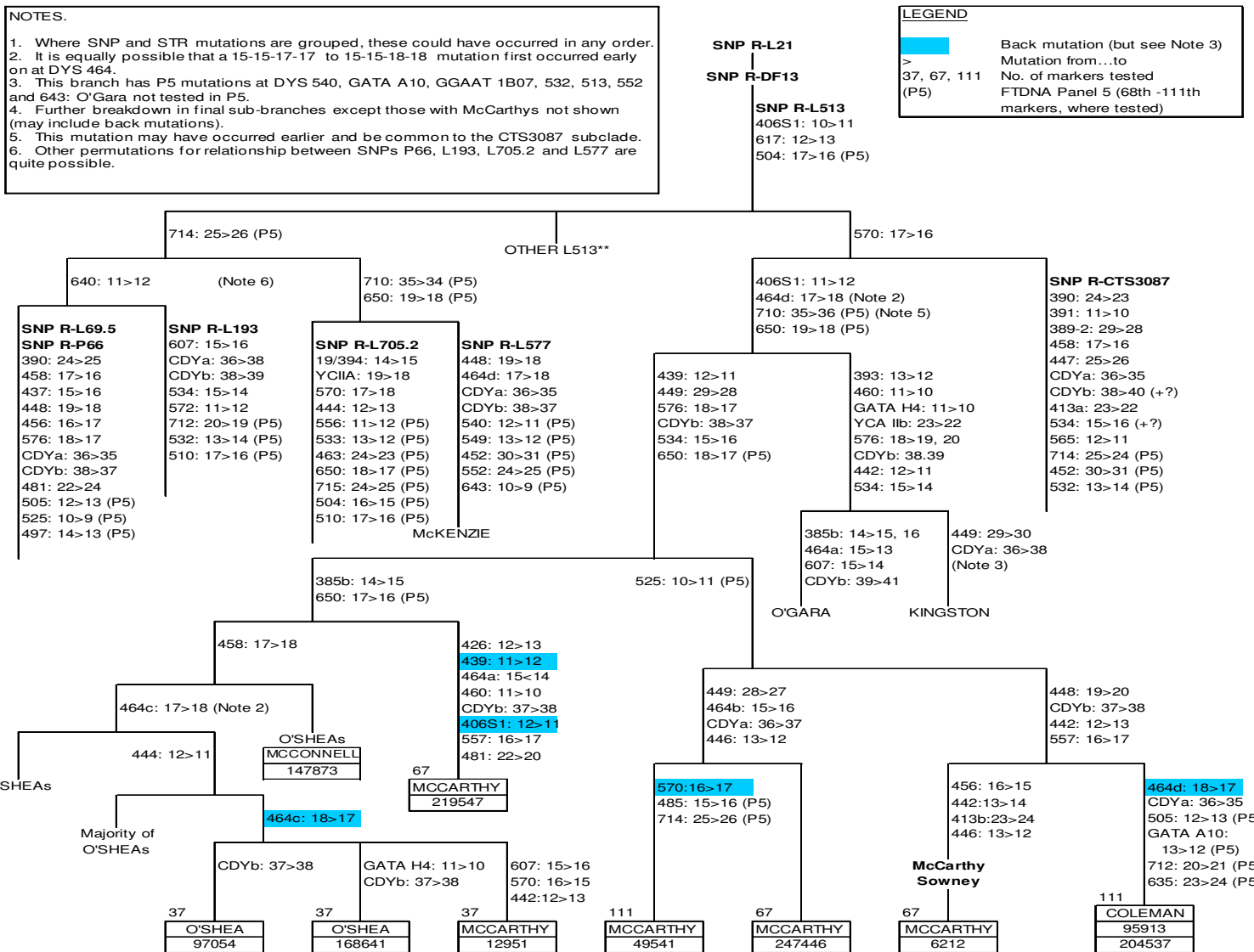
The latest versions, along with detailed trees for McCarthy Groups A and B, etc. are exhibited at:

<http://tinyurl.com/McCarthyScrapbook>



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The origins of Group D McCarthys



POSTULATED L513 TREE SHOWING RELATION OF MAIN KERRY GROUP O'SHEAs TO GROUP D McCARThYS (L513 DINGLE BAY VARIANT")



Interim Conclusions

- **Y-DNA testing will identify or verify the true sources of and inter-relationships between sept names and agnomens and allow us to assign McCarthys to these when family knowledge of them has been lost.**
- **By the time of the death of the eponymous Cárthach (1045 A.D.), there were many independent lineages which came to account for the McCarthys of today's world.**
- **Sliochd Fedhlimidh (Glas, Norsa) participants are found in three separate McCarthy lineages unrelated to one another in over 2,000 years.**
- **There are at least two distinct McCarthy Sowney origins, unrelated to one another in over 2,000 years. "Samhna" may have been originally attributed in more than one location.**
- **The one certain McCarthy Cremin participant may have Viking ancestry; this lineage does not appear to derive from genetically from the Reagh sept male line as suggested in the histories.**

Interim Conclusions (continued)

- **The Clan Teige Ilen McCarthys appear to share common, if ancient, ancestry with many of the Corca Laidhe O'Driscolls.**
- **The Norsa, Rabagh and Tallin McCarthys of Group B all have reason to claim to be of the lineage of MacCarthy Reagh; genetic evidence supports their close relationship and suggests that others in the group, like McCarthy Farshing, share this ancestry.**
- **We cannot yet validate the claims of ancient genealogies in respect of the relationships between MacCarthy Reagh and MacCarthy Mór or between either and the eponymous Cárthach.**
- **Because of the greater likelihood of descendants of the MacCarthy Mór sept being still found today in the Iveragh Peninsula, considerably more participation from Co Kerry McCarthys will greatly enhance this study.**
- **If you are a (male) McCarthy (especially one with family lore identifying your sept name / agnomen), THIS PROJECT NEEDS YOU.**