



EDGAR EVENTS

**Researching and sharing Edgar family
history No. 15, April 2008**



DNA Update

by James Edgar (Editor) (jamesedgar@sasktel.net)



Easter is over and today's my birthday – how about that? An April Fool – that's me! Now we're looking forward to warmer weather, some April showers, and... well, you know the rest.

Since last issue, we had the astounding revelation that **Donald Edgar** of Mason, Michigan, belongs to **Haplogroup E3b** — **SteveUK** has finally found that long-lost missing link! **Donald** and his wife, **Linda**, had a phone call from me several weeks ago, when I asked **Donald** if he would consider having his DNA tested, so we could compare the results to the rest of our project. It is suspected that **Donald** is probably the only living male descendant of **Samuel Edgar**, who emigrated from Newry, Co. Armagh, to Ohio in the early 1800s. We even offered to pay for the test; we just needed **Donald** to accept the test kit and send in the swabs (more on this below...).

Here are the partial results, posted on the Relative Genetics Web site:

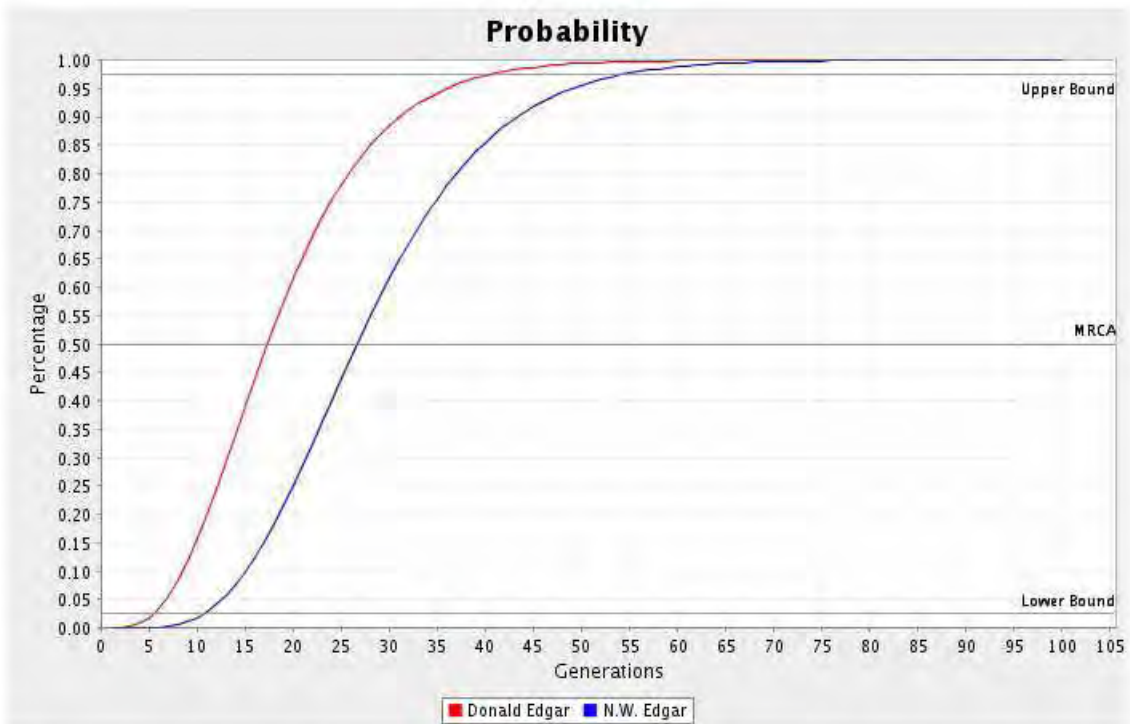
Compare	Participants	Search	Match %	Haplogroup	DYS19a	DYS19b	DYS385a	DYS385b	DYS388	DYS389I	DYS390	DYS391	DYS392	DYS393	DYS426	DYS437	DYS438	DYS439	DYS441	DYS442	DYS444	DYS445	DYS446	DYS447	DYS448	DYS449	DYS452	DYS454	DYS455	DYS456	DYS458	DYS459			
	E3b Steve Edgar (Crewe, UK)		100%	E3b	14	-	18	19	-	12	13	30	22	10	11	13	12	14	10	11	17	15	14	11	13	24	20	33	30	11	11	16	14	9	9
	E3b Donald Edgar (Mason, MI)		93.1%	E3b	14	-	17	19	-	12	13	30	23	10	11	13	12	14	10	11	17	15	14	11	13	24	20	34	30	11	11	16	14	9	9
	E3b Norman W. Edgar (Georgia, USA)		88.4%	E3b	14	-	18	19	-	12	13	30	23	10	11	13	12	14	10	11	17	15	14	11	13	23	20	34	30	11	10	16	14	9	9
	I1a James Edgar (Melville, Can.)		< 70%	I1a	14	-	14	14	-	14	12	28	22	10	11	13	11	16	10	11	17	17	13	11	14	23	20	29	31	11	8	14	16	8	9
	I Robert Allen Edgar (Sandy Payne)		< 70%	I	15	-	16	17	-	13	15	31	24	11	12	15	11	-	10	12	15	-	-	11	-	26	20	28	-	11	11	14	16	8	9
	I1a Steve (John Stephen) Edgar (Toronto, Can.)		< 70%	I1a	14	-	14	14	-	14	12	28	21	10	11	13	11	16	10	13	17	17	12	11	11	23	20	31	31	11	8	17	16	8	9
	I James D. Edgar (AL, USA - Ellen Walker)		< 70%	I	15	-	15	16	-	13	14	30	24	10	12	15	11	15	10	11	15	17	14	11	10	26	20	27	32	11	11	14	16	8	9
	R1b Gwen Edgar (NSW, Aus)		< 70%	R1b	14	-	11	14	-	12	13	30	24	10	13	13	12	15	12	13	14	17	11	12	13	25	19	30	30	11	11	15	18	9	10
	R1b Richard Edgar (Tandragee, N.I.)		< 70%	R1b	14	-	11	13	-	12	13	29	25	11	14	13	12	15	12	12	14	17	12	12	13	25	18	30	30	11	11	17	18	9	10
	I1b Alfred Edgar (Argentina)		< 70%	I1b	15	-	16	16	-	13	14	30	24	11	12	15	11	15	10	12	15	17	14	11	10	25	20	28	32	11	11	14	16	8	9
	I1a Bill (William S.) Edgar (Melbourne, Aus.)		< 70%	I1a	14	-	14	14	-	14	12	28	22	10	11	13	11	16	10	11	17	17	13	11	14	23	20	30	31	11	8	14	16	8	9
	I1a Jackie Edgar (Benagh, N.I.)		< 70%	I1a	14	-	14	14	-	14	12	28	22	10	11	13	11	16	10	11	17	17	13	11	14	23	20	31	31	11	8	14	16	8	9
	R1b Lee (Roland Lee) Edgar (Kilkeel, N.I.)		< 70%	R1b	14	-	11	14	-	12	13	29	24	10	13	13	12	15	12	12	14	17	12	12	14	25	20	32	31	11	11	18	16	9	10
	I David Edgar (Annalong, N.I.)		< 70%	I	15	-	15	16	-	13	14	30	24	10	12	15	11	15	10	11	15	17	13	11	10	26	20	27	32	11	11	14	17	8	9
	I John (Archibald John) Edgar (Kilkeel, N.I.)		< 70%	I	15	-	15	16	-	13	14	30	24	10	12	15	11	15	10	11	15	17	13	11	10	-	20	27	32	11	11	14	17	8	9
	R1b Charles Edgar (Frankie Sawyer, TN)		< 70%	R1b	14	-	12	15	-	12	13	29	24	10	13	13	12	15	12	12	14	17	13	12	13	25	19	29	31	11	11	15	17	9	9
	R1b James Edgar (Glasgow, Scotland)		< 70%	R1b	14	-	11	15	-	12	13	29	24	11	13	13	12	15	12	12	15	17	12	12	13	24	19	31	30	11	11	15	17	9	10
	I1a Mel Edgar, Jr. (Cincinnati, OH)		< 70%	I1a	14	-	14	14	-	14	12	28	22	10	11	13	11	16	10	11	17	17	13	11	14	23	20	29	31	11	8	14	17	8	9
	R1b G.C. Edgar (Texas)		< 70%	R1b	14	-	11	13	-	12	13	29	25	11	14	13	12	15	12	11	14	17	12	12	13	25	18	29	30	11	11	17	18	9	10
	I1b John Edgar (BC) Peg Edgar		< 70%	I1b	15	-	16	16	-	13	14	30	24	11	12	15	11	15	10	12	15	17	14	11	10	26	20	28	32	11	11	14	16	8	9
	E3b Steve Edgar (Australia)		< 70%	E3b	13	-	17	18	-	12	14	31	24	10	11	12	11	14	10	13	15	16	12	10	12	26	20	32	31	11	11	16	15	9	9
	R1b Robert Joseph Edgar		< 70%	R1b	13	-	11	14	-	12	13	30	24	11	13	13	12	15	12	15	17	11	12	14	25	19	30	30	11	11	17	18	9	10	
	I1a Peter Lindsay Edgar (Brisbane, Aus.)		< 70%	I1a	14	-	13	14	-	14	12	28	22	10	11	13	11	16	10	11	17	16	13	11	13	24	20	29	31	11	8	14	15	8	9

As you can see, **Steve** and **Donald** are a 93.1% match, with only three alleles different. This means they are approximately related between 5 and 40 generations back. **Norman Edgar** is related, too, but further back — between 10 and 54 generations, with five different alleles. **Norman** is **Juanita Edgar's** relative. (Thanks to **Juanita** for giving us the suggestion and **Donald's** name and number.) We can now link up **Sharon Whitney, Jack and Jim Ruffer, Norman, Donald, and Steve!**

Here is the rest of the Relative Genetics results, the extension of the right side of the graph above...

	DYS19a	DYS19b	DYS385a	DYS385b	DYS385c	DYS388	DYS389I	DYS389II	DYS391	DYS392	DYS393	DYS426	DYS437	DYS438	DYS439	DYS441	DYS442	DYS444	DYS445	DYS446	DYS447	DYS448	DYS449	DYS452	DYS454	DYS455	DYS456	DYS458	DYS459a	DYS459b	DYS460	DYS461	DYS462	DYS463	DYS464a	DYS464b	DYS464c	DYS464d	DYS464e	DYS464f	DYS625	GGANT1807	YCAIIa	YCAIIb	Y-GATA-A10	Y-GATA-H4.1
-	18	19	-	12	13	30	22	10	11	13	12	14	10	11	17	15	14	11	13	24	20	33	30	11	11	16	14	9	9	11	12	12	18	15	15	16	16.3	-	-	21	13	19	22	14	23	
-	17	19	-	12	13	30	23	10	11	13	12	14	10	11	17	15	14	11	13	24	20	34	30	11	11	16	14	9	9	11	12	12	18	15	15	16	16.3	-	-	21	13	19	22	14	23	
-	18	19	-	12	13	30	23	10	11	13	12	14	10	11	17	15	14	11	13	23	20	34	30	11	10	16	14	9	9	11	12	12	18	15	15	16	16.3	-	-	21	13	19	22	14	22	
-	14	14	-	14	12	28	22	10	11	13	11	16	10	11	17	17	13	11	14	23	20	29	31	11	8	14	16	8	9	10	12	13	21	12	15	16	16	-	-	21	11	19	21	15	21	
-	16	17	-	13	15	31	24	11	12	15	11	-	10	12	15	-	11	-	26	20	28	-	11	11	14	16	8	9	11	12	-	22	11	11	14	16	-	-	-	19	21	-	21			
-	14	14	-	14	12	28	21	10	11	13	11	16	10	13	17	17	12	11	11	23	20	31	31	11	8	17	16	8	9	10	12	21	12	14	15	16	-	-	21	11	19	21	15	21		
-	15	16	-	13	14	30	24	10	12	15	11	15	10	11	15	17	14	11	10	26	20	27	32	11	11	14	16	8	9	11	12	12	22	11	11	14	16	-	-	19	11	19	21	15	21	
-	11	14	-	12	13	30	24	10	13	13	12	15	12	13	14	17	11	12	13	25	19	30	30	11	11	15	18	9	10	12	11	11	-	15	15	17	17	-	-	24	10	19	24	15	23	
-	11	13	-	12	13	29	25	11	14	13	12	15	12	12	14	17	12	12	13	25	18	30	30	11	11	17	18	9	10	13	12	11	24	15	16	16	17	-	-	23	10	19	23	15	22	
-	16	16	-	13	14	30	24	11	12	15	11	15	10	12	15	17	14	11	10	25	20	28	32	11	11	14	16	8	9	11	12	12	22	11	11	14	16	-	-	19	11	19	21	15	21	
-	14	14	-	14	12	28	22	10	11	13	11	16	10	11	17	17	13	11	14	23	20	30	31	11	8	14	16	8	9	10	12	21	12	15	16	16	-	-	21	11	19	21	15	21		
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-	11	14	-	12	13	29	24	10	13	13	12	15	12	12	14	17	12	12	14	25	20	32	31	11	11	18	16	9	10	10	12	11	24	15	15	15	17	-	-	23	10	19	23	15	22	
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-	12	15	-	12	13	29	24	10	13	13	12	15	12	12	14	17	13	12	13	25	19	29	31	11	11	15	17	9	9	11	11	11	24	15	15	17	17	-	-	24	10	19	23	16	21	
-	11	15	-	12	13	29	24	11	13	13	12	15	12	12	15	17	12	12	13	24	19	31	30	11	11	15	17	9	10	11	12	11	25	14	15	17	17	-	-	23	10	19	23	15	21	
-	14	14	-	14	12	28	22	10	11	13	11	16	10	11	17	17	13	11	14	23	20	29	31	11	8	14	17	8	9	10	12	21	12	15	16	16	-	-	21	11	19	21	15	21		
-	11	13	-	12	13	29	25	11	14	13	12	15	12	11	14	17	12	12	13	25	18	29	30	11	11	17	18	9	10	11	12	11	24	14	16	16	18	-	-	23	10	19	23	15	23	
-	16	16	-	13	14	30	24	11	12	15	11	15	10	12	15	17	14	11	10	26	20	28	32	11	11	14	16	8	9	11	12	12	22	11	11	14	16	-	-	19	11	19	21	15	21	
-	17	18	-	12	14	31	24	10	11	12	11	14	10	13	15	16	12	10	12	26	20	32	31	11	11	16	15	9	9	11	12	17	14	15	15.3	16	-	-	21	12	19	21	14	22		
-	11	14	-	12	13	30	24	11	13	13	12	15	12	12	15	17	11	12	14	25	19	30	30	11	11	17	18	9	10	12	12	11	25	16	16	17	17	-	-	23	10	19	23	14	21	
-	13	14	-	14	12	28	22	10	11	13	11	16	10	11	17	16	13	11	13	24	20	29	31	11	8	14	15	8	9	11	12	12	21	13	14	15	16	-	-	24	11	19	21	16	21	

The overlap occurs here...



This table corresponds to the data found in both the Probability and Likelihood graphs. The upper and lower limit values are the upper and lower bounds of the 95% Confidence interval.

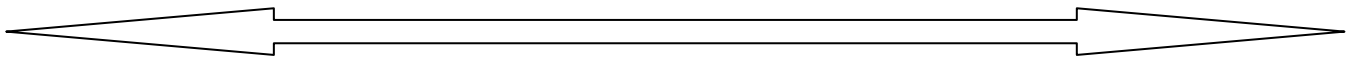
Name	Match %	MRCA	Lower	Upper	MLE
Donald Edgar	93.02	17	5	40	15
N.W. Edgar	88.37	26	10	54	24

(You can find more details and answers to Frequently Asked Questions (FAQs) at this site dna.ancestry.com/faq.aspx)

Using the average 25 years per generation, it's believed that **Donald** and **Steve** share the same gr-gr-gr-grandfather in the late 1700s in Ireland, probably **David Edgar**, born about 1760. Or, they're one generation different, so **Donald** is **Steve's** 4th cousin, once removed. We've put some speculative family trees on my Web site where you got this newsletter. (see jameswd.sasktelwebsite.net/james.htm#Outline%20Trees)

As I say, highly speculative, but based on good probabilities. If anyone has information challenging our hypothesis, please come forward — we'd love to see proof that we're wrong!

I've even added names to ancestors of my gr-gr-grandfather; those of **Mel Edgar**; and those of **Bill** and **Jackie**. The records at **Ros Davies'** Web site indicate that our name speculations aren't all that far off. The people certainly were living during the time span we're considering. See her Co. Down information at freepages.genealogy.rootsweb.com/~rosdavies, and my speculations below in "Questions, questions, questions."



DNA Trust Fund

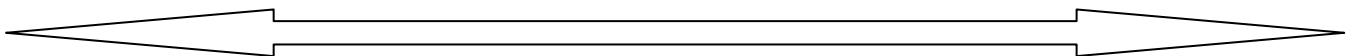
by James Edgar (Editor) (jamesedgar@sasktel.net)

Last month Steve Edgar of Crewe, England, wrote an appeal for donations to help sustain our drive for further DNA testing. I'm pleased to report at this writing that our Trust Fund balance stands at \$1384 Cdn. A warm "Thank You" to all who contributed. Having this money means we can solicit an additional six or seven tests, which is exactly what we propose to do this coming May in suspected parts of Scotland.

As Steve said last month, "James and I will be going back to Ireland and Scotland in May to find some candidates for testing. Scotland is our "home," and with luck, with the right person, we may get some really good details of the DNA within the Sanquhar area. This, coupled with the joining of our DNA details onto the DNA.Ancestry.com site, opens up a massive database of information. James's details are below. If you want to contribute, feel free to do so, but if you don't want to set up a formal donation, how about putting a \$20 bill in an envelope and just posting it to James? Ensure you make cheques payable to "James Edgar."

JAMES EDGAR
PO BOX 2254
MELVILLE SK S0A 2P0
CANADA

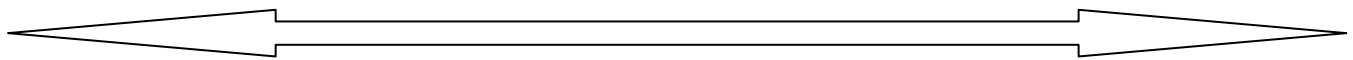
One other note to especially thank two or three special people who accepted our appeal, where said we would pay the cost of the test, and then they sent money to cover all or part of the test anyway! It's not necessary to name them — they know who they are. How nice!!



Speaking of Ireland next month, Steve and I have arranged a meeting room in the Kilmory Arms Hotel in Kilkeel (with its long history going back to at least the mid-1800s), where we've invited all the Edgars who want to join us for an evening get-together to meet and greet. When I made the telephone reservation, I spoke to none other than Lisa Edgar, Jackie and Delma's granddaughter!

This is an open invitation to anyone in the area to come along for the evening. The hotel will serve us drinks and food, there won't be any music to interfere with conversation, and we can make it into a great evening to compare stories, family-tree notes, and DNA test results.

Kilmory Arms
41-43 Greencastle St
Kilkeel, Northern Ireland
Phone: 28-4176-2220



Questions, questions, questions.

by James Edgar (Editor)(jamesedgar@sasktel.net)

Following the last issue, I received this message from Frankie Sawyer – she said:

*Okay, a big question! How in the h*** do you figure a percentage match within a haplogroup? I've nearly worried myself to death and still can't figure it out. Obviously the small number is divided by the large number, but what's being considered? For instance, "7 R1b Celts match at less than 70%" - walk me through those calculations before I chew off my fingernails or throw the calculator through the glass storm door!*

Here is my answer, the way I see it:

In simple terms, the percentages are derived from calculations by the Relative Genetics software.

As to the algorithm that actually does the calculation, my understanding of it is this, (using Jackie and BillAUS as examples):

Comparisons are made between the two test results to determine how many of the markers (alleles) are the same, or conversely, how many are different. If there is only one different, then the ratio of the match would be 42:43, or 97.67%; if two markers are different, then it becomes 41:43, or 95.35%; if three markers are different, it's 40:43 (93.02%), and so on.

Let's compare SteveTO to me, we are an 81.4% match, so he has several markers different than mine - 9, in fact. So that would be 34:43 (the Relative Genetics site is also comparing the subtle differences between alleles, so they give us a better than 80% chance of relativity, when, in pure arithmetic, it is 79.06%).

Compare Peter to me — he's a 74.5% match, which means he has even more differences — 11, in fact. And, of course, the more differences there are, the inference is that we're related further and further back in time — it would extremely unlikely to have so many differences and

only be separated by only one generation, i.e. first cousins. Remember, it's all based on probabilities.

I believe Jackie, Bill AUS, Mel, and I all have the same ancestor around 1745 (or so). I've slipped one generation because my years-per-generation figure is so great. We make the assumption that Bill and Jackie's gr-gr-grandfather, Arthur, was a nephew to my gr-gr-grandfather, Charles. This hypothesis makes sense so far, since Arthur was born about 1797; Charles was born in 1772 — odds are good that Charles' brother was Arthur's father. I have jumped to the conclusion that Arthur's father was named William, for reasons you'll see below. Another way to see if our conclusions hold water is to look at the people living in the Kilkeel/Benagh area in the late 1700s and early 1800s. Using the list from Ros Davies

freepages.genealogy.rootsweb.com/~rosdavies/SURNAMES/E/Edgar.htm

we can find all these male Edgars from that era:

Charles	EDGAR	.	Kilkeel	a farmer in Benagh in 1803
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Probably my gr-gr-grandfather.

D.A.	EDGAR	.	Kilkeel	in 1715, leased Aughnalopy townland with James Edgar
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Doughtry	EDGAR	.	Kilkeel	a landlord in Mourne area c. 1816
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Several variations of this name appear "Doughtry," "Aughtery," - all meaning "Arthur." Is this one Charles' nephew?

James	EDGAR	junior	Kilkeel	in 1715, leased Aughnalopy townland with D.A. Edgar
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This is two people - junior and senior - I believe the junior is my Charles' grandfather. And I further believe that Charles' father was named "James."

Charles named his firstborn son "James."

John	EDGAR	.	Kilkeel	a farmer in Benagh in 1803
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Charles' brother?

Robert	EDGAR	.	Kilkeel	a farmer in Benagh in 1803
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Charles' other brother?

William	EDGAR.	.	Kilkeel	in 1715, leased 1/2 of Benagh & Lisnagowan townlands with William Orr
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I believe this a brother to my gr-gr-gr-gr-grandfather, James (Charles' grandfather).

William	EDGAR.	.	Kilkeel	of Benagh; a freehold farmer in 1782
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This could be the William who I think is Arthur's father.

Jackie's father is named "William."

William	EDGAR	.	Newry or Kilkeel	of Benagh; will written on same paper as Margaret Kennen & dated 1802
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Same William as above.

Oughtry	EDGAR	.	Newry	of Benagh; will probated 1816
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The other variation of "Arthur."

There are a number of Samuels mentioned as well. We have yet to connect them to us, but Jackie has a brother and an uncle named "Samuel." It seems very likely that at least one of these Samuels is a relative.

Samuel	EDGAR	.	Kilkeel	named on a freehold leased of Neil Sloan of Tullyframe & James Smith & Owen Sloan & Thomas Sloan &
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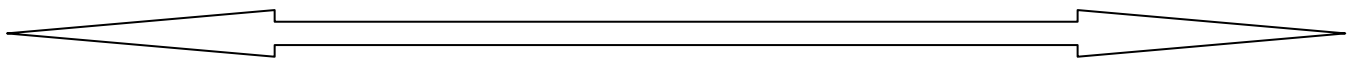
				John Sloan of Tullyframe & Michael Sloan & James Young of Moneydarraghmoreas having a life interest c. 1816
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Same reasoning for the “Alexanders” appearing on the list — my brother’s second name is Alexander, my 1st cousin twice removed was Charles Alexander Edgar, my 1st cousin was Alexander William Edgar, and so on. Jackie had an uncle named William Alexander (died at age 3), and it is also his father’s name.

Jackie’s gr-gr-grandfather Arthur named his firstborn “James” — could be named for Arthur’s grandfather — who would be Charles’ and William’s father, if my speculations are correct.

It’s not carved in stone, but chances are good that these names from Kilkeel and Benagh are all my relatives. The DNA definitely connects me to Jackie, Mel, and BillaUS - we know we’re related, but just how is a small mystery (for now). :-)

The percentages show that we’re fairly close - a common ancestor within about 200 years, and that’s what fuels all this speculation.



In closing, here are some photos from one of our trips to Ireland – the old Kilkeel church, dating from the 1300s and sadly fallen down.



The local folklore says the old church had been erected by a foreign merchant in gratitude to the people of Kilkeel, who had decently interred the body of his son, who was drowned on their coast.

According to tradition, several priests of the name O’Doran, who were pastors of Kilkeel, are interred under a made granite cross to the west of the church. Its pedestal, a huge block of granite broken in two pieces, is sunk in the ground beside it. It still marks the burying ground belonging to members of that family.

