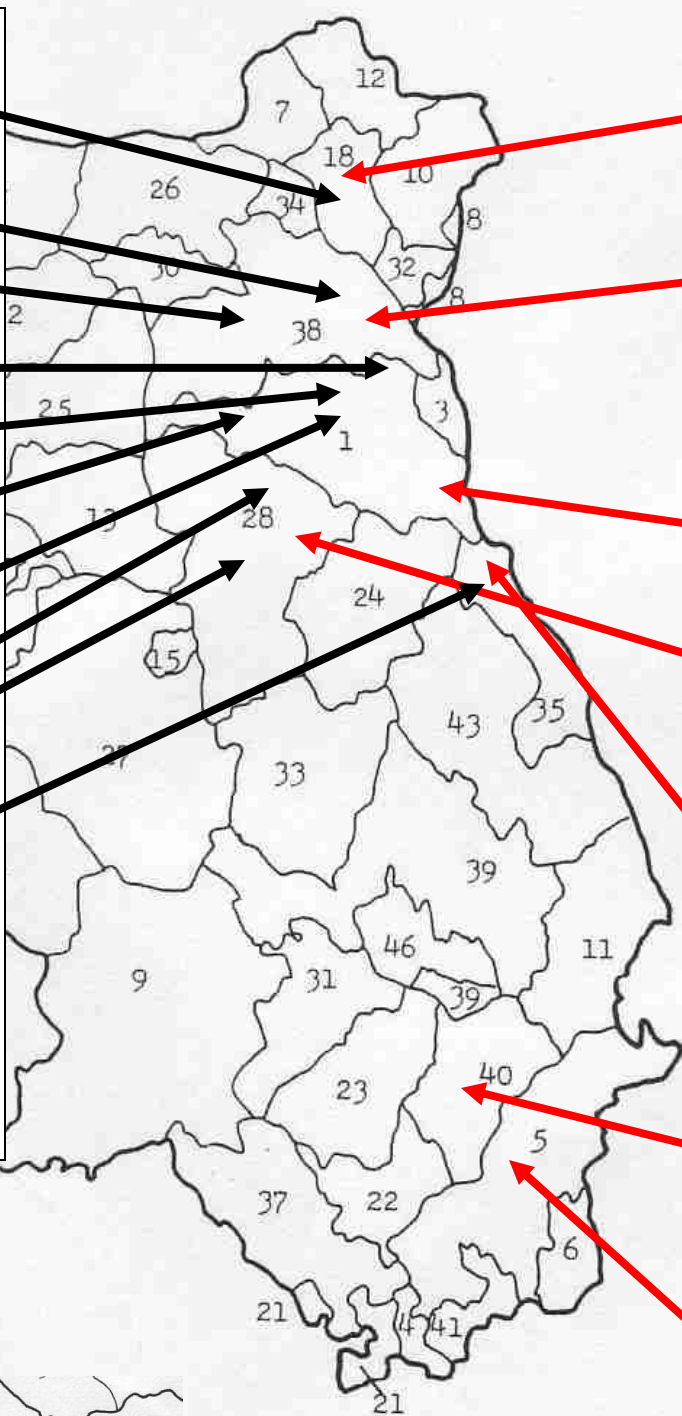


DNA Sampling in County Derry

July 2008

- Coleraine Parish**
Coleraine
- Mascoquin Parish**
Castleroe
- Mascoquin
- Aghadowey Parish**
Drumsteeples
- Collins
- Crossmakeever
- Aghadowey
- Errigal Parish**
Kellykergan
- Garvagh
- Kilrea Parish**
Kilrea



Coleraine Parish
CF 210 Thomas b
1818=>Canada

Mascoquin Parish
1831: Henry 2m 3f Castleroe
CF 219: Henry b 1800=>
New Brunswick

Aghadowey Parish
CF 245 David b 1781-1874
CF 221 Hugh 1797-1887
CF 243 Robert b 1820
Crossmakeever
1831:Crossmakeever
Samuel 3m 3f
James 5m 4f Crossmakeever

Errigal Parish
CF 227 Hugh b 1831 Garvagh
Hugh 5m 2 f Inshaleen (Tithes)
1831 John 2m 1 f Kellykergan
Thomas 2m 3f Kellykergan

Kilrea Parish
206 John b 1805=>New
Brunswick 1847
207 Thomas b abt 1810=>New
Brunswick by
1841=>Ireland=>Illinois

Magherafelt Parish
CF 203: James McM 1794-
1878=>March Twp, Ontario
John 1803-1887=>Middlesex Co

Artra Parish
CF 211 Alexander b1780
=>Boston
1831: Alexander & James
Ballynenagh (both 2 males)

- | | |
|------------------|----------------------|
| 1 Aghadowey | 25 Drumachose |
| 2 Aghanloo | 26 Dunboe |
| 3 Agivey | 27 Dungiven |
| 4 Arboe | 28 Errigal |
| 5 Artra | 29 Faughanvale |
| 6 Ballinderry | 30 Formoyle |
| 7 Ballyaghan | 31 Kilcronaghan |
| 8 Ballymoney | 32 Kildollagh |
| 9 Ballynascreen | 33 Killelagh |
| 10 Ballyrashane | 34 Killowen |
| 11 Ballyscullion | 35 Kilrea |
| 12 Ballywillin | 36 Learmount |
| 13 Balteagh | 37 Lissan |
| 14 Banagher | 38 Macosquin |
| 15 Bovevagh | 39 Maghera |
| 16 Carrick | 40 Magherafelt |
| 17 Clondermot | 41 Tamlaght |
| 18 Coleraine | 42 Tamlaght Finlagan |
| 19 Cumber Lower | 43 Tamlaght O'Crilly |
| 20 Cumber Upper | 44 Tamlaghtard |
| 21 Derryloran | 45 Templemore |
| 22 Desertlyn | 46 Termoneeny |
| 23 Desertmartin | |
| 24 Desertoghill | |

DNA of the Derry McMurtrys

As of January 2009, we have 8 samples that appear to reflect the “Co Derry” DNA pattern.

Six are from Co Derry families and two are from Scottish families.

The two Scottish families are an exact 25 marker match;
CF 1 John McM b 1714 Dailly Parish=>Barr Parish by 1746
CF 12 Andrew McM b 1771 son of John of Kirkmichael Parish, Ayrshire.

Southern Derry

Two families of southern Derry have only 1 mutation from each other. (confirmed 22 of 23 and probably 24 of 25 marker match) and the dominant pattern is only 1 mutation from the Scottish families.

CF 203 (James b 1791=>March Township, Ontario, Canada in early 1820s) from
Artrea/Magherafelt area
CF 211 (Alexander b 1780 went to Boston 1850) in Ballynenagh, Artrea Parish in 1831

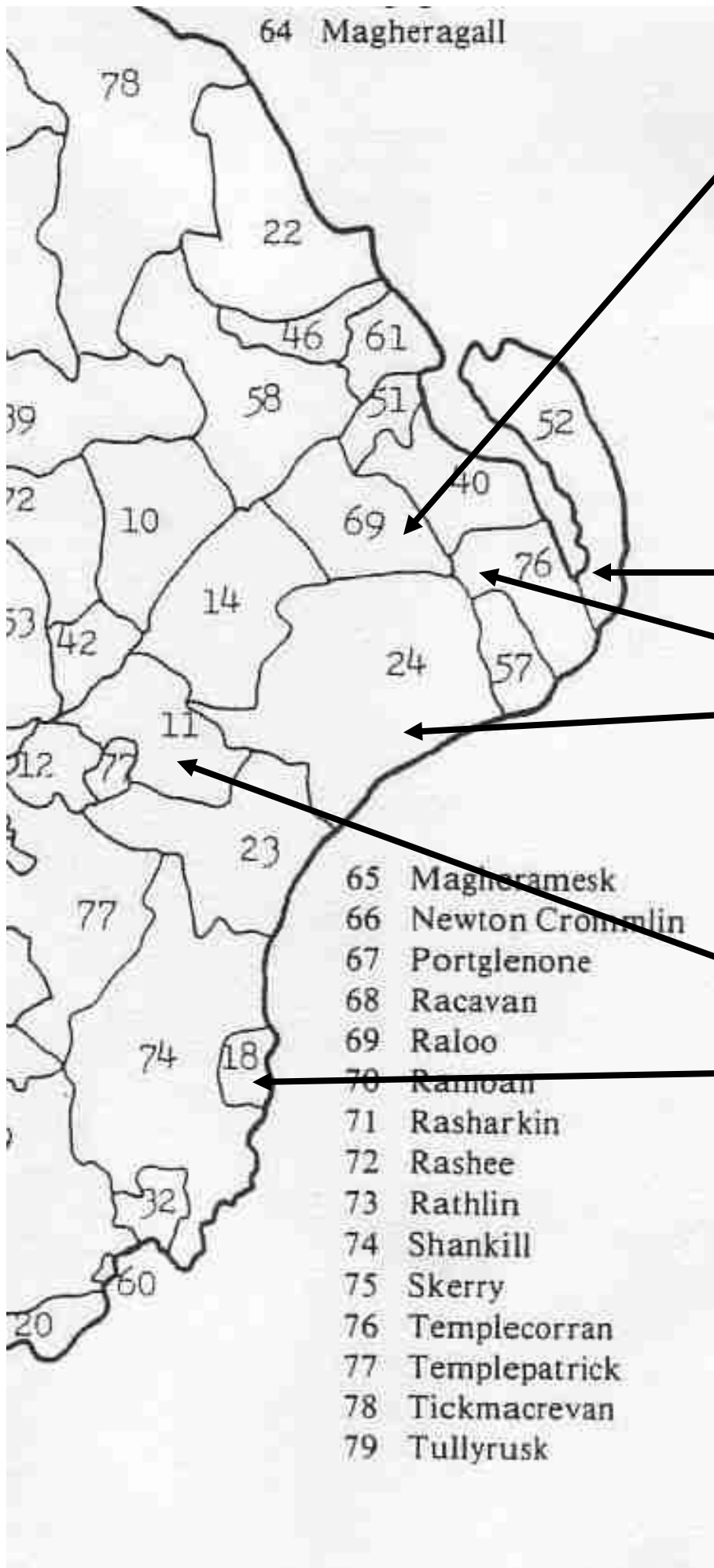
Northern Derry

The four families of northern Derry share a common 25 marker pattern though one family has a couple extra extraneous mutations. But the pattern they share is only 2 mutations from from the Scottish families and 3 mutations from the Southern Derry families.

CF 206 (John b 1801 Kilrea, Errigal or Aghadowey).
CF 210 (Thomas b 1810=>Ontario prior to 1851
CF 221 (Hugh b 1797, resided Aghadowey)
CF 243 (James b 1791, resided Aghadowey)

One interpretation is the CF 1 and CF 12 matching pattern is the original DNA pattern of this family group and that CF 206/CF 210 represents one branch (1 mutation from the Scottish pattern) and CF 203/CF 211/CF 221, CF243 represent another branch (2 mutations from the Scottish pattern).

McMurtry Residences in County Antrim



Raloo Parish

CF-205 William b 1796 md Margaret
CF-212 Andrew bca 1790 & Wm b 1796
 CF 216 Matthew 1811-1895
 CF 234 John 1789-1869
 CF 224 William b ca 1792

Island Magee Parish

CF-201 Randall b1783, Matthew b1787
 CF 226 James b ca 1820s
 CF 228 Thomas b ca 1800
 CF 229 Thomas 1818-1884
 CF 230 John b 1829 md Ellen McCready
 CF 235 James b ca 1820 md Mary Holmes
 CF 237 Archibald b ca 1820 md Eliza Gibson

Templecorran (Ballycarry)

CF 241 John b 1863 md Rose Kerr

Carrickfergus

CF-204 James b ca 1820 md Eliza Smith
CF-213 James b 1806 md Margaret Muir
 CF 214 John b ca 1780
 CF 231 George b ca 1800
 CF 242 Wiliam b ca 1840 md Sarah Moore?
 CF 244 Charles b ca 1815, son Wm John

Ballylinney Parish

CF 121 Archibald b 1754
 CF 239 Andrew b ca 1830

Belfast

CF 223 Thomas 1811-1884
 CF 238 John b ca 1830
 CF 232 William b ca 1800
 CF 236 John b ca 1880

Not Shown

CF 218 James Ballymena (Kirkinriola)
CF 117 William McM=>SC 1773 nr
 Ballymena or Ballymoney
 CF 215 John b ca 1820 Lisburn

Unknown Location: **CF 202 Wm b 1781**
CF 102 John b 1810, s James b 1836
 =>Philadelphia by 1858

The above map shows the location of residence of the principal McMurtry families of County Antrim in the 1800s. We have DNA samples from 5 families of known location (CF 201 Island Magee, CF 121 Ballylinney, CF 212 of Raloo, and CF 204 and CF 213 of Carrickfergus) and from 3 families whose exact location in Antrim is not known (a family who came to South Carolina in 1772 (CF 117) ; a family in Antrim who went to Co Carlow before migrating to Canada in 1821 (CF 202) , and a family with the Antrim DNA pattern that settled in Philadelphia by 1858 (CF 103).

We have placed William McMurtrey CF 117 in Larne because his ship sailed from there but one internet source said that the passengers were from Ballymoney, Kilraughts, Derrykeighan, Ballyrashane, the Vow and Kellswater. These lie in NW Antrim almost at the Co Derry border 30 miles from the eastern parishes where most of the other McM families lived.

There were McM in Dunluce near the northern Antrim-Derry border in 1630 and McM in Moneymore not far from there in the mid 1800s.

Though additional sampling is needed to determine the DNA pattern of the other families of Antrim, it is clear that the “Antrim” DNA pattern was common in various locations throughout Co Antrim.

The Antrim DNA pattern is characteristic of all the McMurtrys who came to colonial America, including those who settled in New Jersey, Virginia and South Carolina. Hence the American McMurtrys are thought to have come from Co Antrim.

The Antrim pattern is also the dominant pattern in Ayrshire, Scotland which is thought to be the ancestral home of the Irish families.