

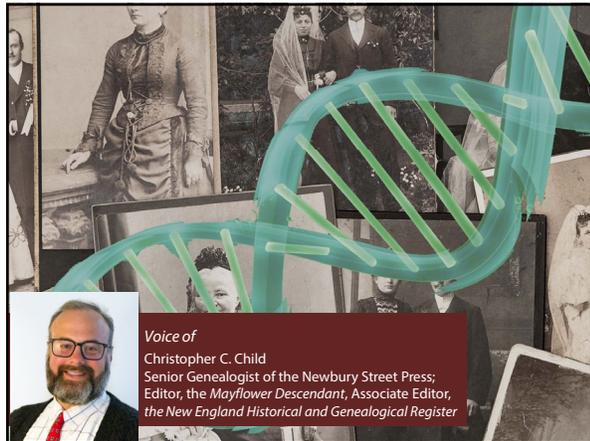
1



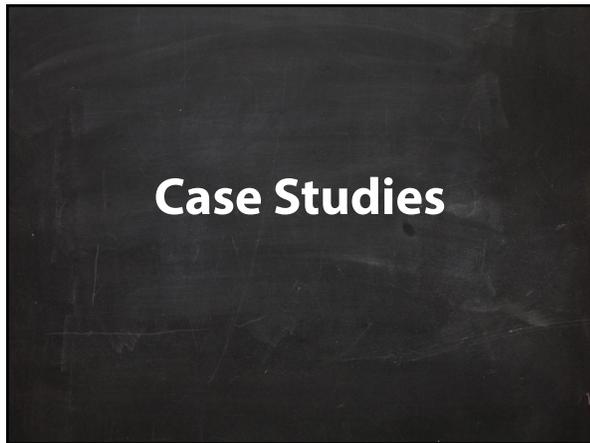
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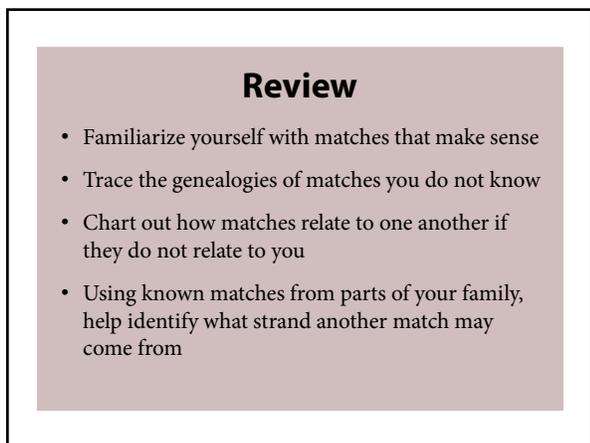
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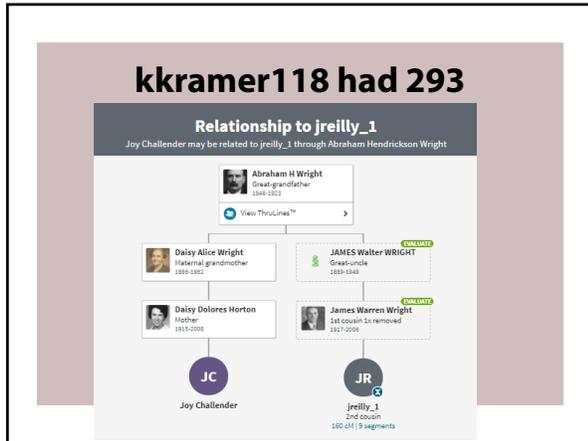
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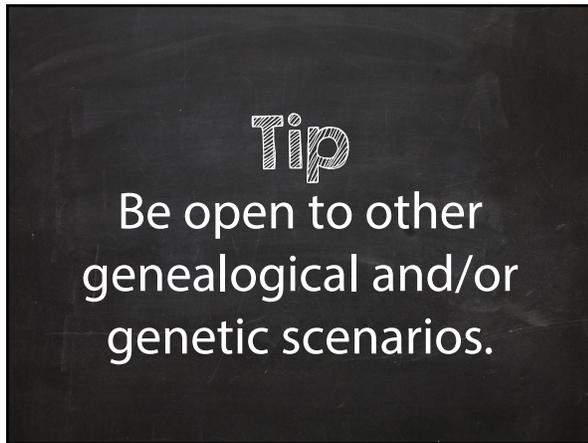
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6



10



11

A first cousin?

J.L.
(administered by [redacted])
Member since 2007, last logged in Apr 7, 2017

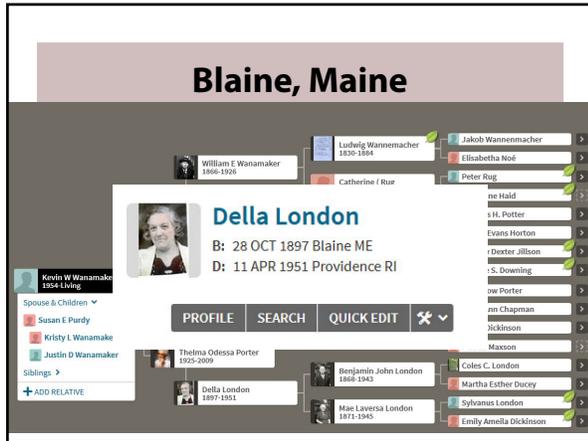
Predicted relationship: 2nd Cousins
Possible range: 1st - 2nd cousins (What does this mean?)
Confidence: Extremely High

Add note

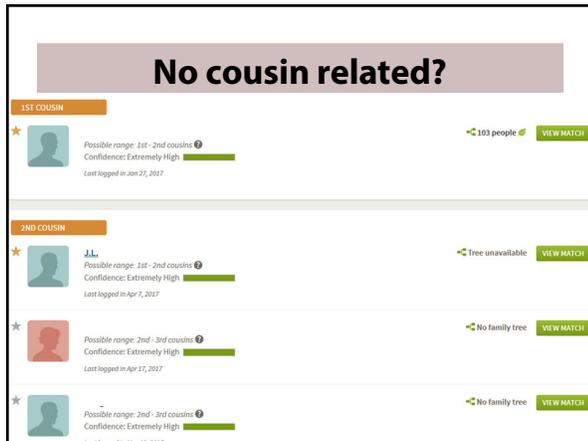
Amount of Shared DNA
378 centimorgans shared across 15 DNA segments
What does this mean?

PE MATCHES

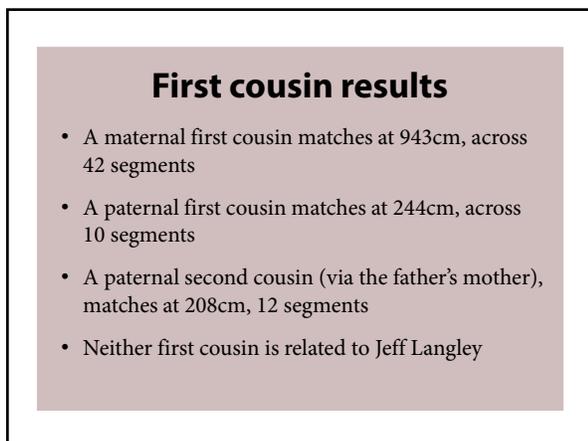
12



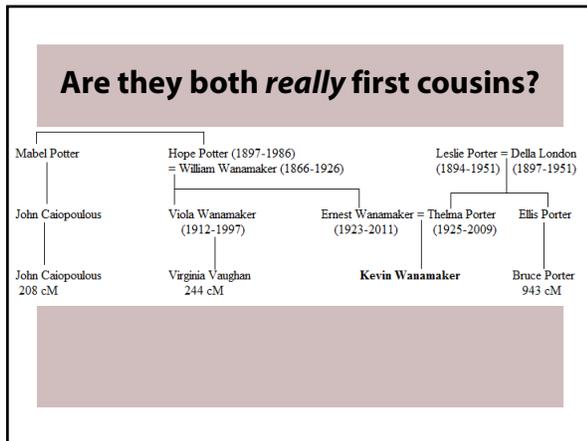
13



14



15

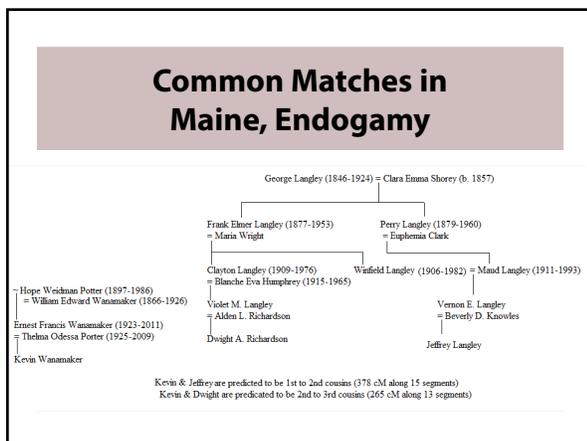


16

Half Match!

- Virginia and Kevin who should be first cousins only match at 244cm
- First cousins average 874cm, ranging from a high 1225 to 874
- Virginia and Kevin cannot be first cousins
- Half first cousins however, average 226 cm, ranging from 137 to 856

17



18

Get a Y-DNA test

37 MARKERS - 123 MATCHES

Genetic Distance	Name	Earliest Known Ancestor
0	Benry Langley	
0	William Paris Langley	William Langley, b.1825-27 d. 1894
0	Dunbar	Robert Dunbar, b. c1634 Scotland
0	Langley	Isaac Langley 1811 TN-1871 IL / Wingfield S.
0	Langley	William S. Langley 1825 WV-1894 IN

19

A Maine family in Providence?

20

A Maine family in Providence?

21

Wallace Elmer Langley, alias Elmer Wallace?

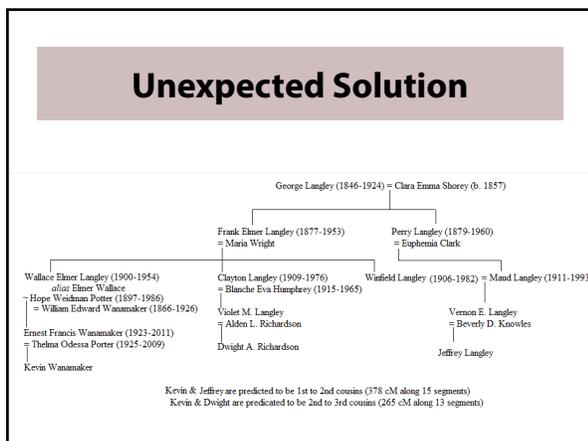
92	14	R	10	W	Emmett	Wife	Head	M	W	71	W	6	England
74				W	Wallace	Elmer	Head	M	W	89	M	7	W
110	21	R	15	W	Wm	Wife	Head	M	W	48	M	8	W
				W	Wm	Wife	Head	M	W	39	M	8	W
				W	Wm	Wife	Head	M	W	20	S	9	W
122	16	D	5	W	Wm	Wife	Head	M	W	36	S	9	W
				W	Wm	Wife	Head	M	W	69	M	8	W
				W	Wm	Wife	Head	M	W	63	M	8	W
				W	Wm	Wife	Head	M	W	74	W	6	W
152	27	R	15	W	Wm	Wife	Head	M	W	40	M	6	W
				W	Wm	Wife	Head	M	W	40	M	6	W
				W	Wm	Wife	Head	M	W	12	S	7	W

22

1922 & 1923 Providence City Directory

187 Wanamaker William E second-hand furniture
Elmer Wallace jeweler

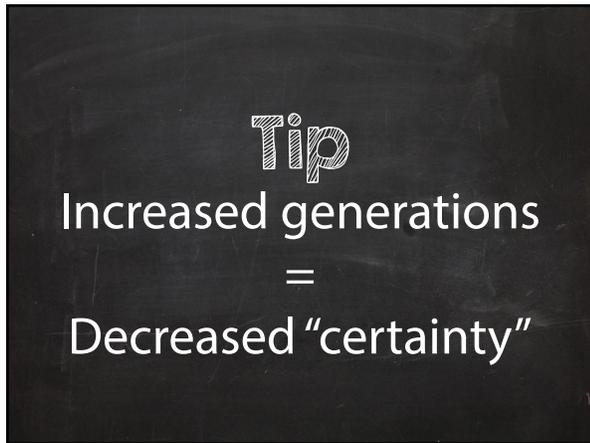
23



24



25

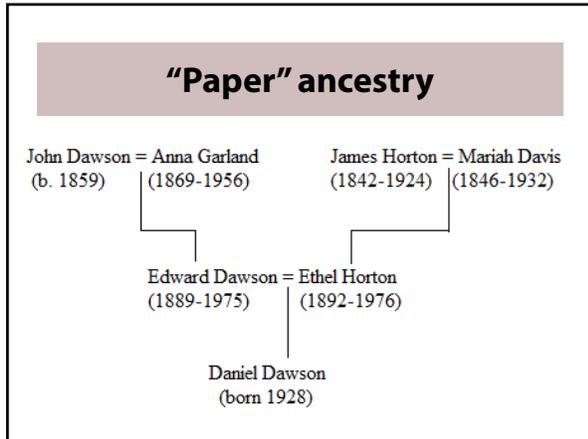


26

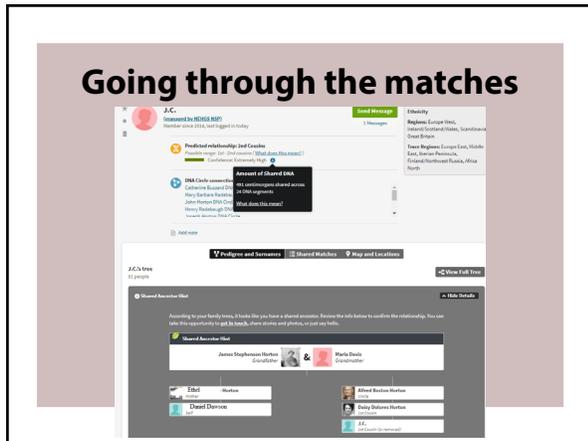
atDNA results of man born in 1928

- “Daniel,” born in Ohio in 1928, takes an AncestryDNA test
- Close matches to non-relatives
- Higher matches to some known relatives
- Less than expected matches to some known relatives
- No relatives for one quarter of expected family

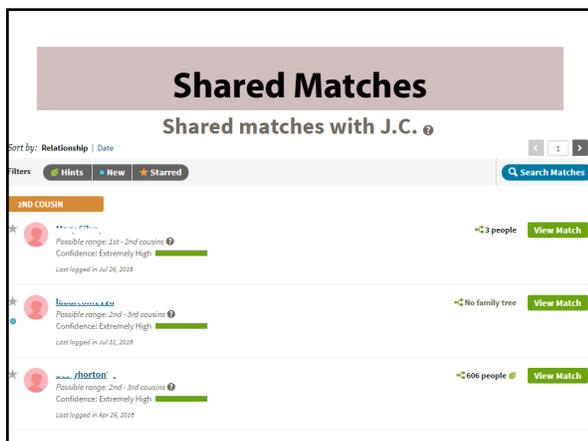
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Question

FACT: Daniel matches a maternal first cousin once removed at the expected level, as well as descendants of his maternal grandfather's siblings and maternal grandmother's siblings all at the expected levels

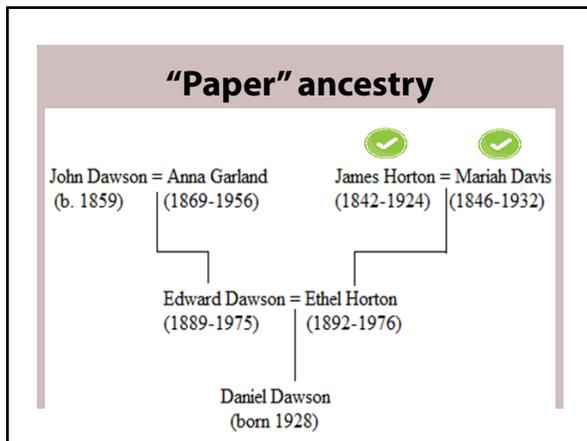
Does Daniel's mother appear to be the child of both of her recorded parents?

31

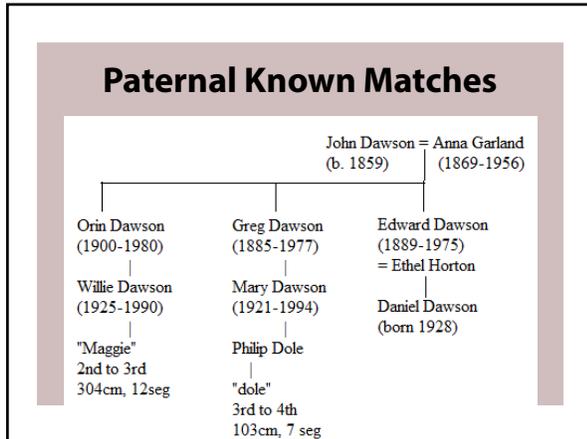
Conclusions

- Everything seems "fine" in terms of all of the matches through Daniel's mother's family – through both her father and mother

32



33



34

Correct amount?

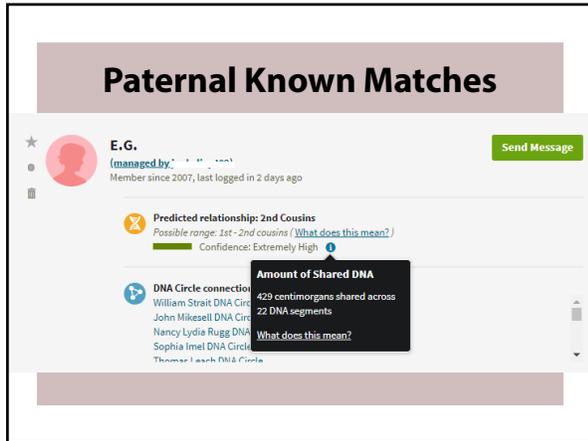
- Maggie “should be” Daniel’s first cousin once removed, which has on average 439cm, ranging from 141-851, Maggie has 304.
- Dole “should be Daniel’s first cousin twice removed, which has on average 229cm, ranging from 43-531. Dole has 103.

35

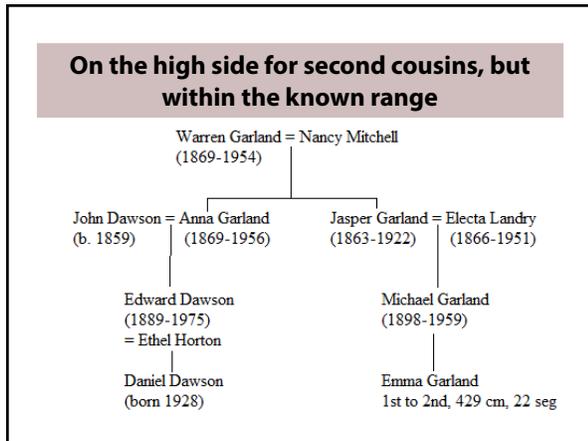
What’s possible

- Maggie and Dole have a lower than expected amount of shared DNA with Daniel, indicating Daniel’s father might have a misattributed parent
- Their kinship is within the average, so it remains possible that Daniel’s parents are his parents of record.

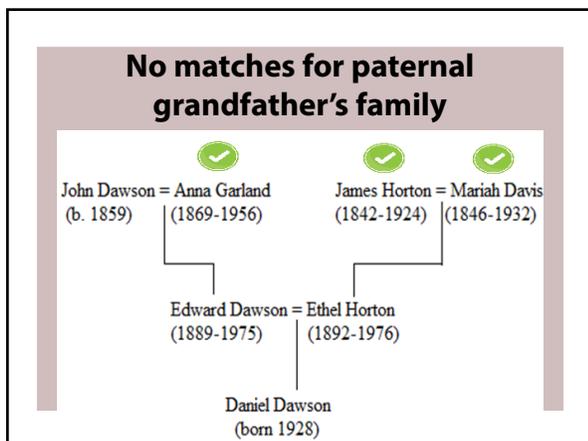
36



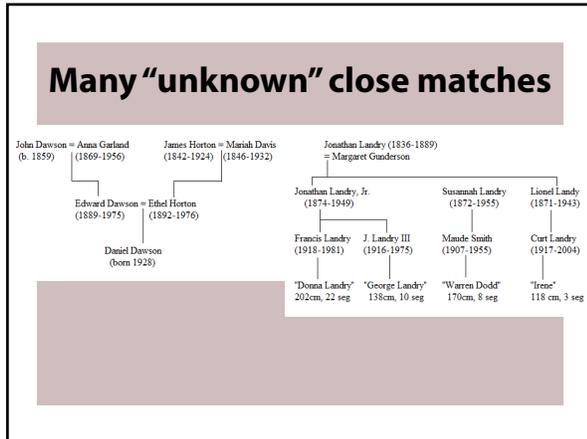
37



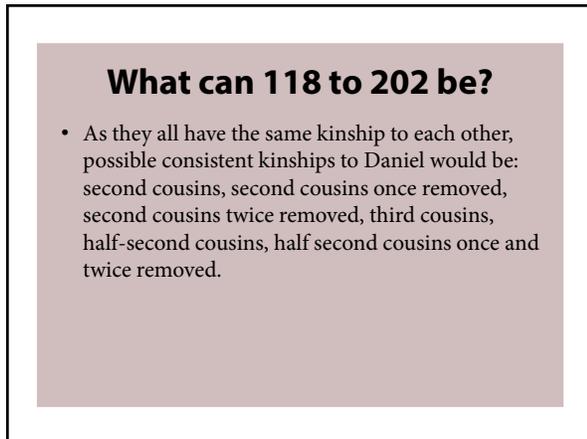
38



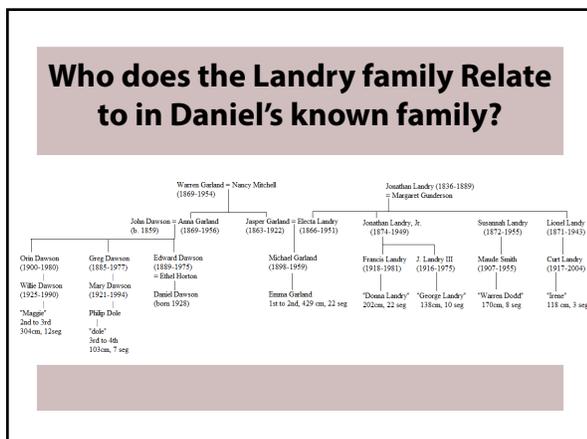
39



40



41



42

Emma Relates to both the Garland and Landry families (as she is), along with Daniel, but no one else

The screenshot shows a user profile for 'E.G.' with a 'View profile' button. Below the profile, there are sections for 'Family' and 'Shared matches with E.G.'. The 'Shared matches' section is filtered to show 'LARRY people' and 'Garland family'. Each match has a 'View match' button.

43

Dawsons or Landrys?

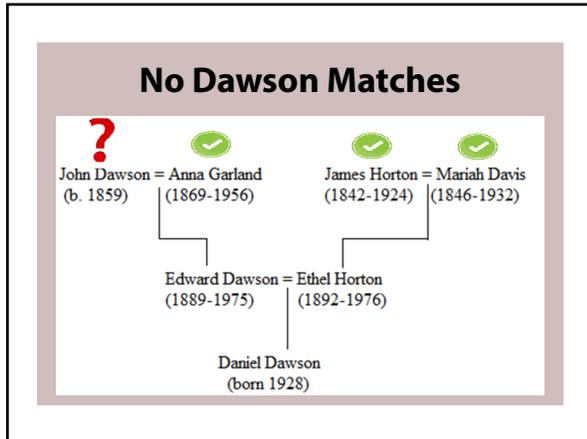
- Daniel relates to his “full” Dawson family and has a higher match to his second cousin Emma Garland, who is his cousin via the Garland family
- Daniel relates to four other Landry people who have no paper way to relate
- Daniel’s “full” Dawson kin do not relate to four of the five Landry matches. They only relate to Emma Garland, who is already their cousin via the Garland family (and relate at the expected level)

44

Burning Question

- How can Daniel be related to family that no one else is related to amongst the descendants of his father’s siblings and his mother’s siblings?

45



46

Could any other tests help?

- mtDNA test?
- Y-DNA test?
- No other test would help

47

Y-DNA test results No Dawsons, 5 Landrys

Genetic Distance	Name
0	Greg Landry h
0	Gerard Landry Y-DNA111
0	Gerard Landry Y-DNA37
1	Wesley Y-DNA111
2	Glenn Ian Moore Y-DNA37 FF
2	Glenn Ian Moore Y-DNA37 FF
2	Jeffrey Landry Y-DNA111
3	Wilbur D. Y-DNA111 FF
3	Richard Landry Y-DNA37
3	W. Head Y-DNA37
3	Herbert Landry Y-DNA67
3	Herbert Landry Y-DNA37
3	W Jackson Oldens Sr. Y-DNA37 FF

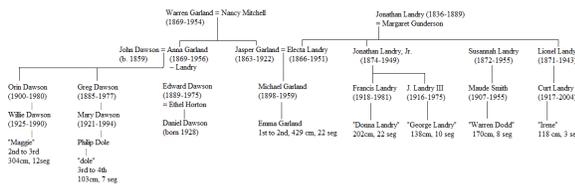
48

The Landry Family of Ohio

- The Landry family lived next door to the Garland family for many decades from the 1860s to 1900s
- The Landry and Garland families were connected by marriage – Anna (Garland) Dawson’s brother Jasper married Electa Landry
- Anna Garland and John Dawson married in 1889 six months before the birth of their eldest son Edward Dawson, with a Landry relative officiating the wedding.

49

Making it work, testing this hypothesis within the ranges

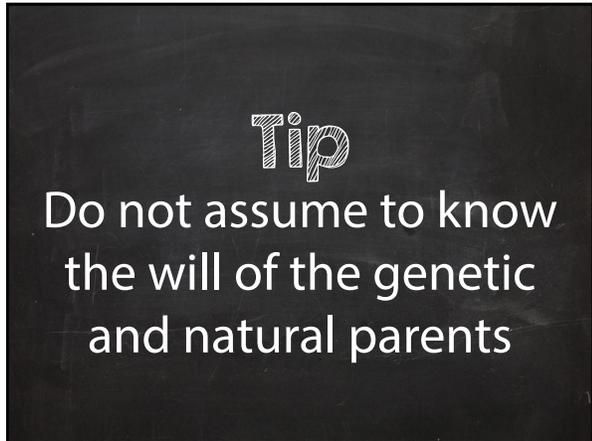


50

Which Landry?

- Edward Dawson’s biological father must be a son of Jonathan and Margaret Landry, based on his Y-DNA, atDNA matches with their descendants, and atDNA matches with descendants of siblings of both Jonathan and Margaret
- Jonathan and Margaret had nine sons living in 1889, five were too young to father children
- Of the remaining 4, one can be eliminated based on his “too little” matches with Daniel
- Of the elder 3 one died without children, for the other 2, too many generations have passed for any reliable answer
- Edward’s father is one of three Landry brothers, but we can’t sure which one.

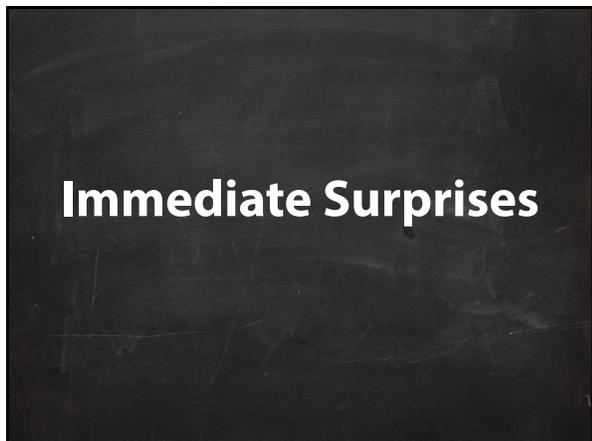
51



52



53



54

Known brother becomes half-brother, two “new” half-sisters

Name	Relationship
 Michael Jones Male	Half Brother 28.6% DNA shared, 52 segments
 Samantha Riggs Female	Half Sister 27.0% DNA shared, 32 segments
 Laura Goldstein Female	Half Sister 26.6% DNA shared, 30 segments

55

23andme Haplogroups, x chromosome

- John and Michael have a different Y-DNA, same mtDNA, and some x chromosome in common – i.e. they have the same mother and different fathers
- John, Samantha, and Laura all have different mtDNA, Samantha and Laura have the exact same X-Chromosome – i.e. John, Samantha, and Laura all have the same father

56

Tip

There are other reasons a person has a different father than an “affair”

57

John, Samantha, and Laura

- Donor siblings
- After discussing these results with their parents, they all learn their parents used artificial insemination services at the same hospital in New York City in the mid 1970s.

58

Finding the Bio-Dad

- Testing with Ancestry, 23andme
- Uploading onto GEDmatch, FamilyTreeDNA, MyHeritage
- John taking a Y-DNA test

59

Going Through the Shared Matches

- Closest common matches are predicted to be third cousins
- Sorting out shared matches who match to other shared matches and those that don't
- Three regional areas – Iowa; Manitoba, and Belgium

60

Putting the Families Together

- Matching a common Washington family with several of the Iowa matches
- Matching a common McClellan family (recently from Ireland) also in Iowa, that does not match the Washingtons
- Finding a way the Washington and McClellan family link!

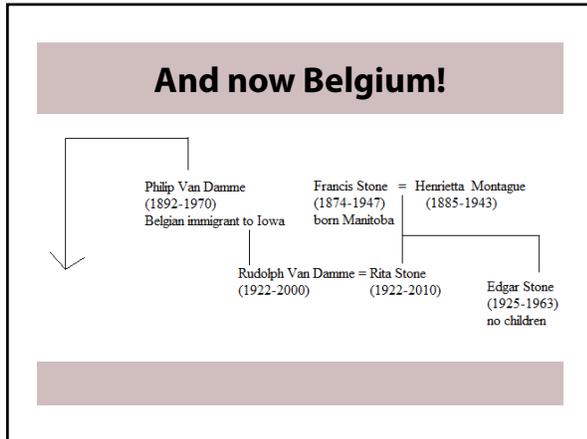
61

Iowa Families All Together

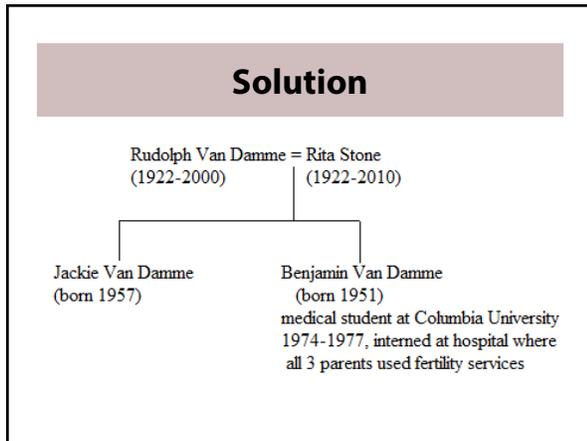
62

Now Manitoba

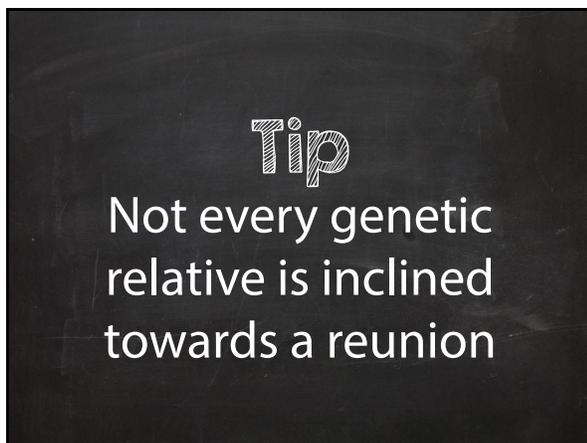
63



64



65



66

No response? No problem

Jennifer has 15 surnames

This can help you navigate who in your family both of you are related to.

Bulcher, Doty, Kinzler, Turner, Tabor, Poly, Biles, Sturm, Hodge, Taber, Winans, Koon, Steiger, Bramhall

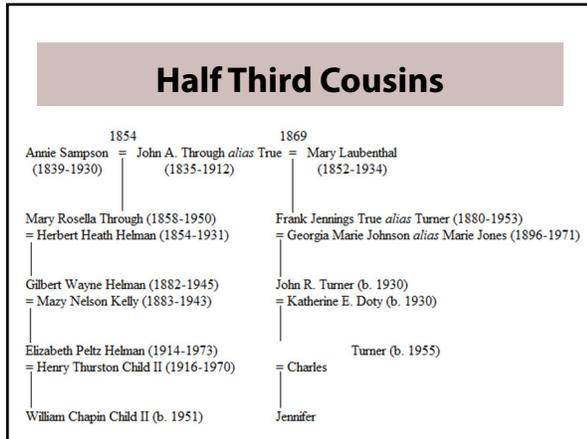
70

True alias Turner

71

Through alias True

72



73

"Horse" stealing?

***Arrest of Fugitives from Justice.*—Charles Patterson, alias Wm. Brown, and David E. Karney, alias Jos. F. Francis, were arrested yesterday by John Through, a deputy sheriff from Ohio, and lodged in the central police station. They are charged with horse stealing, and with breaking jail in Hancock county, Ohio, after having been indicted on the first named charge, on the 11th May, 1865. They will be held to await a requisition from Ohio.**

74

Solving an adoption from 1914

- Jeff's grandmother was born in Kansas in 1914
- Adoption records identify mother, no father listed
- Grandmother deceased, but her son is still living
- Son takes test from Ancestry

75

Identifying the matches

Michael Ford
Possible range: 2nd - 3rd cousins
Confidence: Extremely High
Last logged in: Jul 28, 2019

Annabelle Harris
Possible range: 2nd - 3rd cousins
Confidence: Extremely High
Last logged in: Dec 21, 2017

Patricia
Possible range: 2nd - 3rd cousins
Confidence: Extremely High
Last logged in: Mar 18, 2019

Richard
Possible range: 2nd - 3rd cousins
Confidence: Extremely High
Last logged in: 3 days ago

Deborah
Possible range: 2nd - 3rd cousins
Confidence: Extremely High
Last logged in: Mar 30, 2019

Jason Mitchell
Possible range: 2nd - 3rd cousins
Confidence: Extremely High
Last logged in: Jul 8, 2019

76

Group One – The Youngs (2)

Patricia
Possible range: 2nd - 3rd cousins
Confidence: Extremely High
Last logged in: Mar 18, 2019

Deborah
Possible range: 2nd - 3rd cousins
Confidence: Extremely High
Last logged in: Mar 30, 2019

77

Group Two – The Records (1)

Richard
Possible range: 2nd - 3rd cousins
Confidence: Extremely High
Last logged in: 3 days ago

78

Group 3 – The Unknowns

2ND COUSIN

- 
 [Managed by] **Michael Ford**
 Possible range: 1st - 2nd cousins
 Confidence: Extremely High
 Last logged in: Jul 26, 2018
 No family tree [View Match](#)
- 
Annabelle Harris
 Possible range: 2nd - 2nd cousins
 Confidence: Extremely High
 Last logged in: Dec 31, 2017
 481 people [View Match](#)
- 
Jason Mitchell
 Possible range: 2nd - 2nd cousins
 Confidence: Extremely High
 Last logged in: Jul 6, 2018
 7,629 people [View Match](#)

79

Highest Match – no linked tree, but reasonable identifiers

M.F.
 Managed by **Deborah Ford**
 Member since 2017, last logged in Jul 26, 2018

Predicted relationship: 2nd Cousins
 Possible range: 1st - 2nd cousins | [What does this mean?](#)
 Confidence: Extremely High

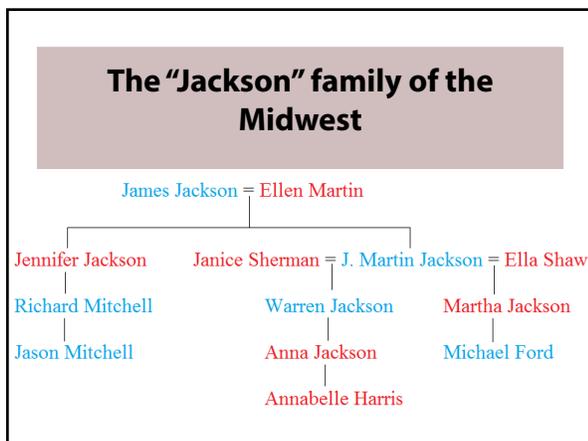
Ethnicity
 Regions: Great Britain, Europe West, Scandinavia
 Traces: Regions: Europe South, Iberian Peninsula, European Ancestry, Asia East, Ireland/Scotland/Wales

Amount of Shared DNA
 248 cM segments shared across 37 DNA segments

Deborah Ford
 In the meantime, you can review any public family tree that this member has posted on Ancestry. And keep in mind, the "Home Person" specified for each public tree may or may not be the same person that your DNA test has matched you with—something to remember as you are investigating. Good luck!

Select a tree to preview:
[View a tree to preview](#)
 Create Family Tree
 Feed Family Tree

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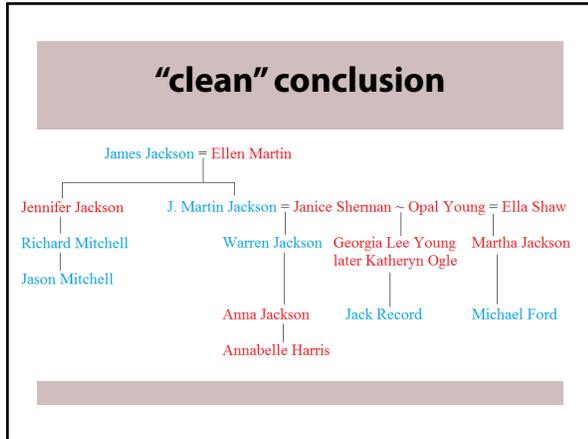
81

J. Martin Jackson

- From a state bordering Kansas, hundreds of miles away
- Father died young, had one full sister, and three younger half brothers (too young to father children)
- Divorced, lived in El Dorado, KS from 1911 to 1918 where he met his second wife in 1917 and returned to his home state by 1920



82



83

More Case Studies!

- American Ancestors Magazine
- Vita Brevis blog
- The Genetic Genealogist
- Your Genetic Genealogist



84

QUESTIONS?
 Hire Research Services
research@americanancestors.org
 Chat with a Genealogist
AmericanAncestors.org/chat

85

Consultations
 Book a one-on-one
 consultation with
 a genealogist and
 receive help with your
 family history research!
 AmericanAncestors.org/
 Expert-Help/Consultations
 SCAN ME

86

AmericanAncestors.org
 A National Center for Family History, Heritage & Culture
 Search Events Join Give 10 Million Names Publications Expert Help Tools Signature Projects Centers & Initiatives
Making Connections: Interpreting DNA Test Results 2025
 Thank you for registering for the online course, **Making Connections: Interpreting DNA Test Results**
 Advances in DNA have had huge implications for the field of genealogy and with the rise in popularity of commercial testing, the possibilities of connecting with previously unknown relatives is greater than ever. But how do you leverage your results in your family history research? Whether you're new to DNA testing or you have already taken a DNA test(s), this course will provide you with the knowledge, tools, and strategies to interpret your results, make important genealogical connections, and take your family history research to the next level.
 This course includes five 90-minute classes, Q&A with instructors, and exclusive access to handouts and recordings of each presentation.
 Join the Live Broadcasts
 Click here to join the live broadcasts: <https://boom.us/j/9278270072>
 Live broadcasts: Wednesdays, January 29, February 5, 12, 19, and 26, 6:00 - 7:30 PM ET
 AmericanAncestors.org/making-connections-interpreting-dna-test-results-2025

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