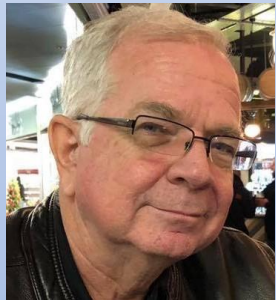


# Ancestry ProTools



September 2024



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All slides and handouts can be found at:

<http://www.familytreeaz.com/Presentations/>



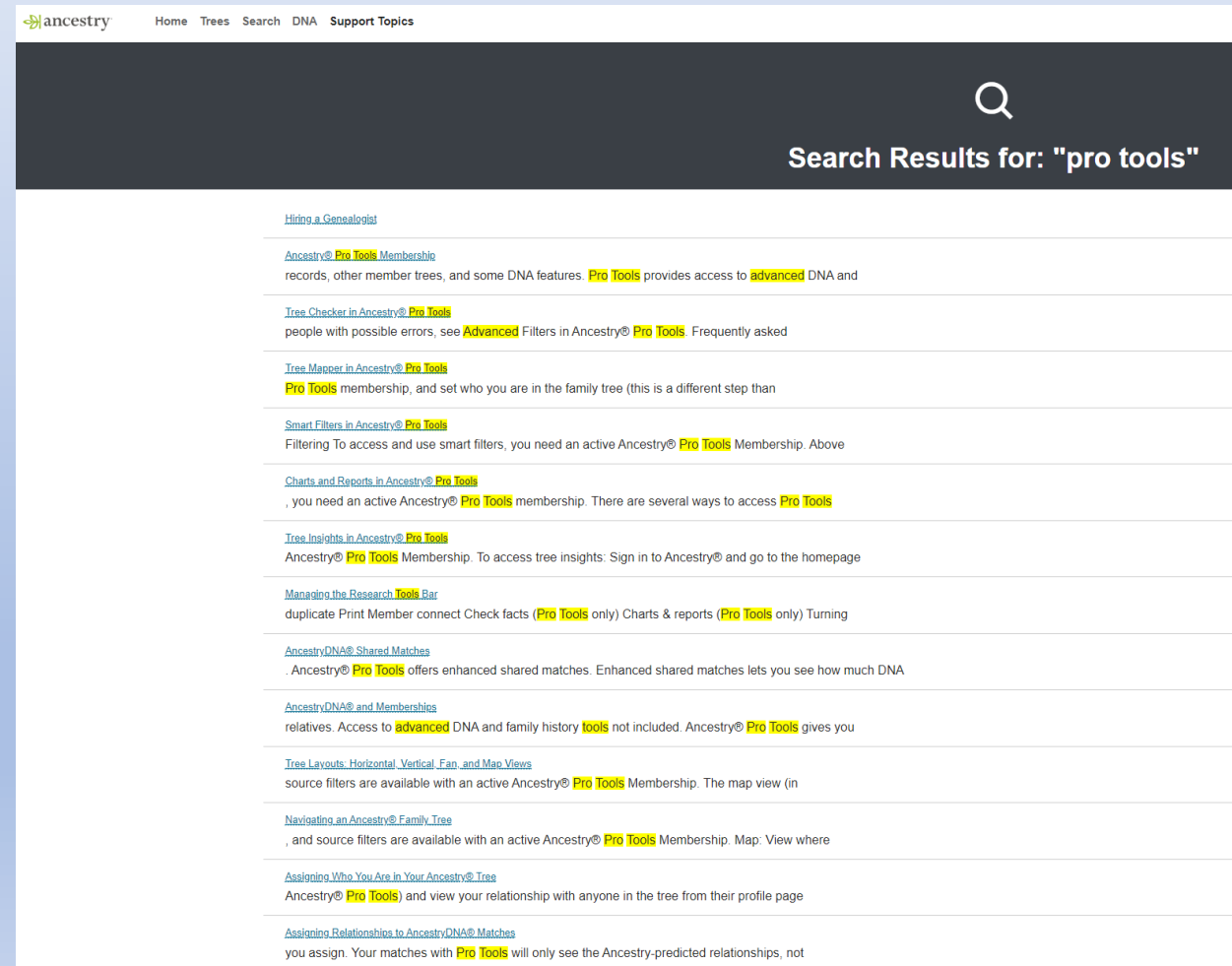
QR Code: take photo to  
open to presentations

# What is ProTools?

- Ancestry add-on service consisting of a number of tools
- Cost: \$10/month
  - In the past month, two short-lived incentives (\$30/6 months, free days)
- **Requires** a paid Ancestry subscription (e.g., US, World, etc.)

# Components of ProTools

- A bit difficult to find all of them in Ancestry
- Some are on top menus, some seem to be a bit buried
- This is what pops up with a search for “Pro Tools” in Help
- I’ll try my best to document the most useful in the Trees and in the DNA sections



The screenshot shows the Ancestry website's search results page for the query "pro tools". The page features a dark header with the Ancestry logo and navigation links (Home, Trees, Search, DNA, Support Topics). A search bar with a magnifying glass icon is visible, and the search results are displayed in a list format. The results include links to various Pro Tools features and their descriptions, such as "Hiring a Genealogist", "Ancestry® Pro Tools Membership", "Tree Checker in Ancestry® Pro Tools", "Tree Mapper in Ancestry® Pro Tools", "Smart Filters in Ancestry® Pro Tools", "Charts and Reports in Ancestry® Pro Tools", "Tree Insights in Ancestry® Pro Tools", "Managing the Research Tools Bar", "AncestryDNA® Shared Matches", "AncestryDNA® and Memberships", "Tree Layouts, Horizontal, Vertical, Fan, and Map Views", "Navigating an Ancestry® Family Tree", "Assigning Who You Are in Your Ancestry® Tree", and "Assigning Relationships to AncestryDNA® Matches".

ancestry Home Trees Search DNA Support Topics

Search Results for: "pro tools"

[Hiring a Genealogist](#)

[Ancestry® Pro Tools Membership](#)  
records, other member trees, and some DNA features. **Pro Tools** provides access to **advanced** DNA and

[Tree Checker in Ancestry® Pro Tools](#)  
people with possible errors, see **Advanced** Filters in Ancestry® **Pro Tools**. Frequently asked

[Tree Mapper in Ancestry® Pro Tools](#)  
**Pro Tools** membership, and set who you are in the family tree (this is a different step than

[Smart Filters in Ancestry® Pro Tools](#)  
Filtering To access and use smart filters, you need an active Ancestry® **Pro Tools** Membership. Above

[Charts and Reports in Ancestry® Pro Tools](#)  
, you need an active Ancestry® **Pro Tools** membership. There are several ways to access **Pro Tools**

[Tree Insights in Ancestry® Pro Tools](#)  
Ancestry® **Pro Tools** Membership. To access tree insights: Sign in to Ancestry® and go to the homepage

[Managing the Research Tools Bar](#)  
duplicate Print Member connect Check facts (**Pro Tools** only) Charts & reports (**Pro Tools** only) Turning

[AncestryDNA® Shared Matches](#)  
. Ancestry® **Pro Tools** offers enhanced shared matches. Enhanced shared matches lets you see how much DNA

[AncestryDNA® and Memberships](#)  
relatives. Access to **advanced** DNA and family history **tools** not included. Ancestry® **Pro Tools** gives you

[Tree Layouts, Horizontal, Vertical, Fan, and Map Views](#)  
source filters are available with an active Ancestry® **Pro Tools** Membership. The map view (in

[Navigating an Ancestry® Family Tree](#)  
, and source filters are available with an active Ancestry® **Pro Tools** Membership. Map: View where

[Assigning Who You Are in Your Ancestry® Tree](#)  
Ancestry® **Pro Tools**) and view your relationship with anyone in the tree from their profile page

[Assigning Relationships to AncestryDNA® Matches](#)  
you assign. Your matches with **Pro Tools** will only see the Ancestry-predicted relationships, not

# On Another Page...

- Found this:  
[https://support.ancestry.com/s/article/Ancestry-Pro-Tools-Membership?language=en\\_US](https://support.ancestry.com/s/article/Ancestry-Pro-Tools-Membership?language=en_US)

Home > Ancestry® Account

## Ancestry® Pro Tools Membership

Take your research to the next level with Ancestry® Pro Tools. This monthly membership gives you access to advanced DNA and family history tools designed to improve your tree's accuracy and showcase the people in your tree like never before.

### What's included

Ancestry Pro Tools requires an active [Ancestry family history membership](#). Family history memberships give you access to paid records, other member trees, and some DNA features.

Pro Tools provides access to advanced DNA and family history tools, including:

- **Tree checker:** Find potential duplicates and possible errors in your tree.
- **Smart filters:** Search, group, and sort people in your tree using key details beyond names.
- **Charts & reports:** Create and share detailed family histories.
- **Tree mapper:** See where people in your tree lived in relation to one another.
- **Tree insights:** Discover familial trends and see patterns in your tree.
- **Enhanced shared matches:** See how much DNA your matches share and their predicted relationships to each other. (Separate DNA kit purchase required to access this feature.)

### How to get Ancestry® Pro Tools

To be eligible for a Pro Tools membership, you must:

- Have an active [Ancestry family history membership](#).

[Purchase Ancestry® Pro Tools](#)

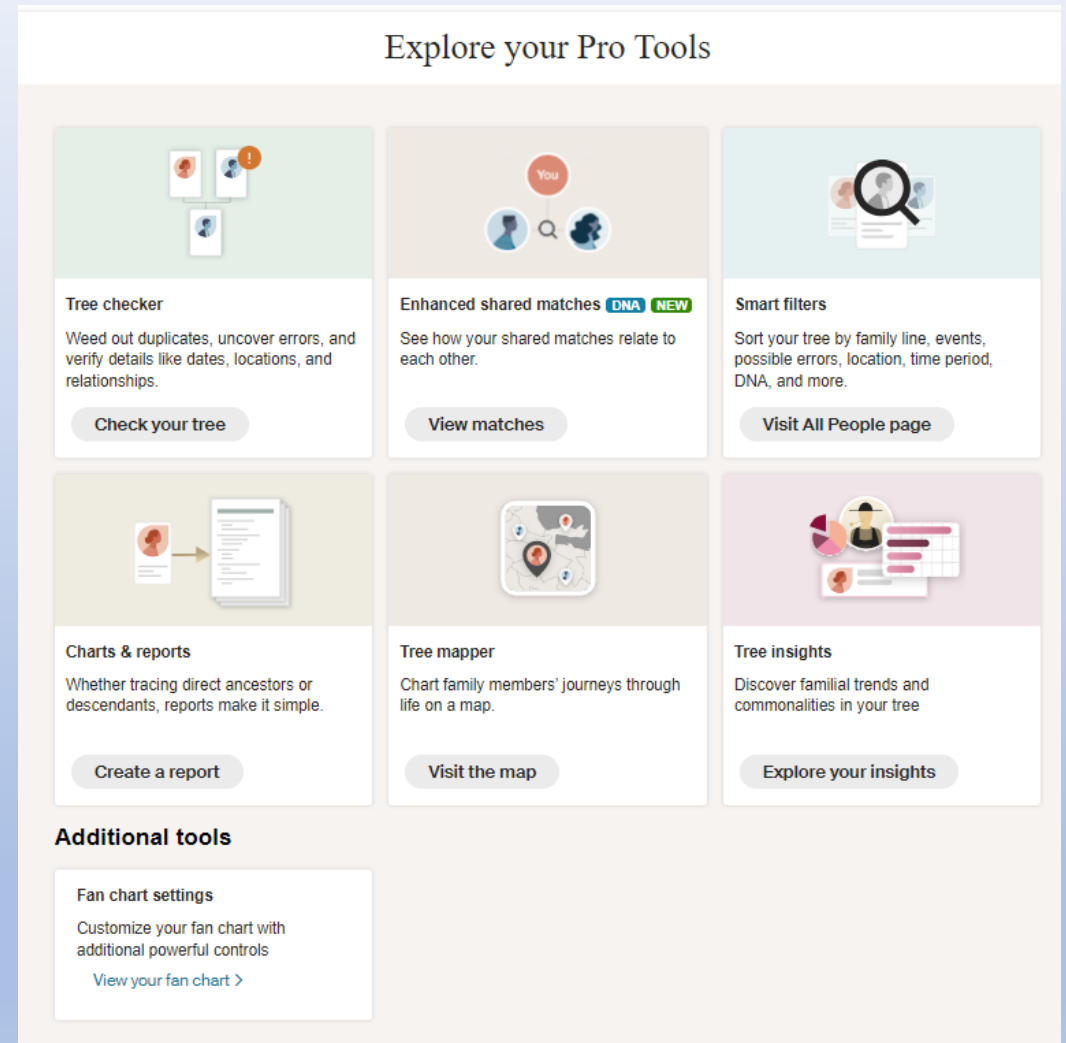
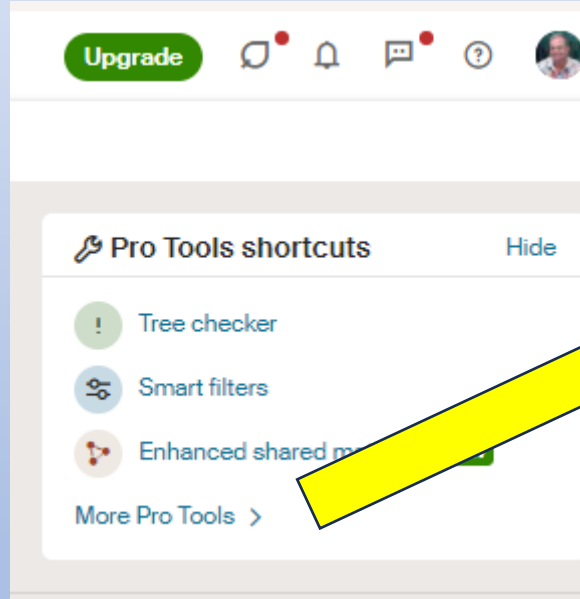
**Note:** Pro Tools is now available in the United States, Canada, Australia, and the United Kingdom.

### Managing your membership

Pro Tools automatically renews every month (for the "Renewal price" listed on the "[Renews on](#)" date on your [Account settings](#) page) until you cancel or until your Ancestry family history membership ends. If you don't want to renew, [cancel](#) at least two days before your renewal date.

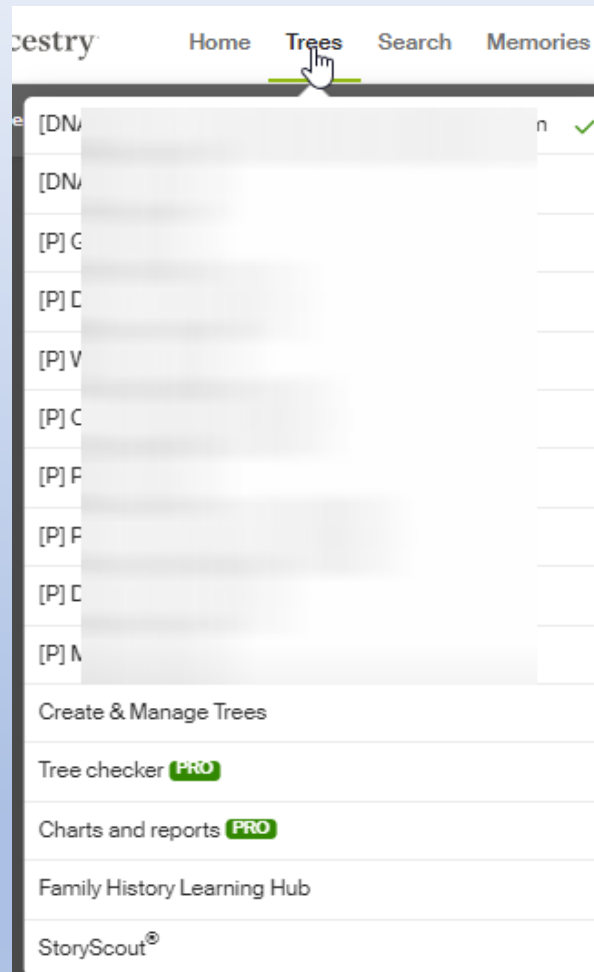
# And another...

- From top-level Ancestry Home



# Components of ProTools -- Family Trees

- Tree Checker
- Charts & Reports



# ProTools – Tree Checker

- Similar to what exists in family tree software programs (e.g., Family Tree Maker, RootsMagic, etc.)
- Examples:
  - Catching duplicates
  - People with no sources
  - Impossible parentage
- Can take many hours to all these

Tree checker **PRO** Results 1-100 of 1672 Tree rating **7.6**

Tree rating **7.6** Average

Out of 2,769 people in your tree, people with:

- Possible duplicates: 34
- No documentation: 1,299
- Only tree documentation: 357
- Other possible errors: 407

Share

Possible duplicates X People with no sources X Search by name: Type any name

More filters

Name	Birth	Death	
Thurmon, Elizabeth	1651 Virginia, United States	abt 1683 Virginia, United States	! O
Abrey, Elizabeth	1670 Brongwyn, Cardiganshire, Wales	Feb 1747 Berkshire, England	!
Adkins, Alexander	1841	1931	! O
Adkins, Hattie	1905 West Virginia, USA		!
Adkins, John Blackhead	27 Nov 1807 Giles County Virginia, USA	1 Jan 1876 Millers Fork, Cabell, West Virginia	!
Adkins, John Kelley	Jul 1834	6 Apr 1898	! O
Adkins, Lemach	1819	1877	!
Adkins, Marion Francis	2 Oct 1868 Wayne County, West Virginia, USA	30 Aug 1910 Cabell County, West Virginia, USA	! O
Adkins, William Joseph	17 Aug 1785 Giles, Montgomery, Virginia, USA	3 Jun 1866 Wayne County, West Virginia, USA	!
Adkinson, Martha			! O
Agutter, Elizabeth	20 Dec 1693 Wollaston, Northamptonshire, England	Sep 1726 Wollaston, Northamptonshire, England	! O
Agutter, John	1635 Wollaston, Northamptonshire	1683 Wollaston, Northamptonshire	!
Agutter, John	1653 Wollaston, Northamptonshire, England	4 Sep 1708 Wollaston, Northamptonshire, England	! O

Filters

- Possible duplicates X
- People with no sources X
- People with only tree sources X
- Other possible errors X

Clear all filters

Family line **PRO** v

Events & places **PRO** v

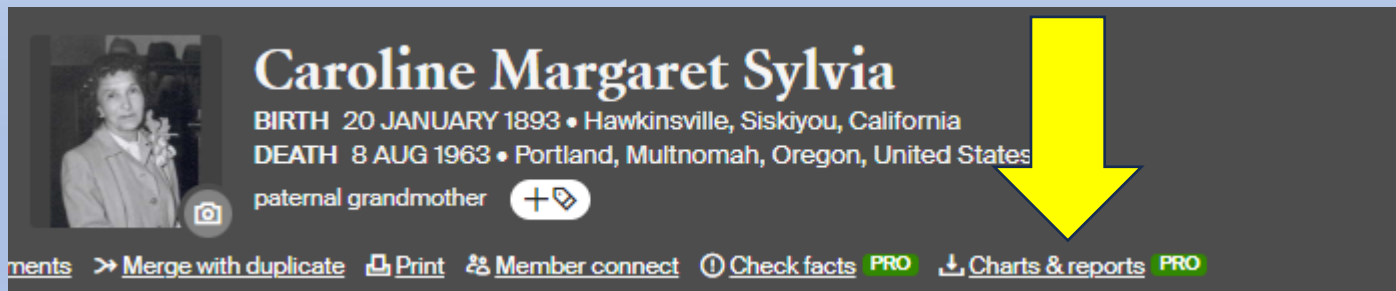
Possible errors **PRO** v

Hints **PRO** v



# ProTools – Charts & Reports

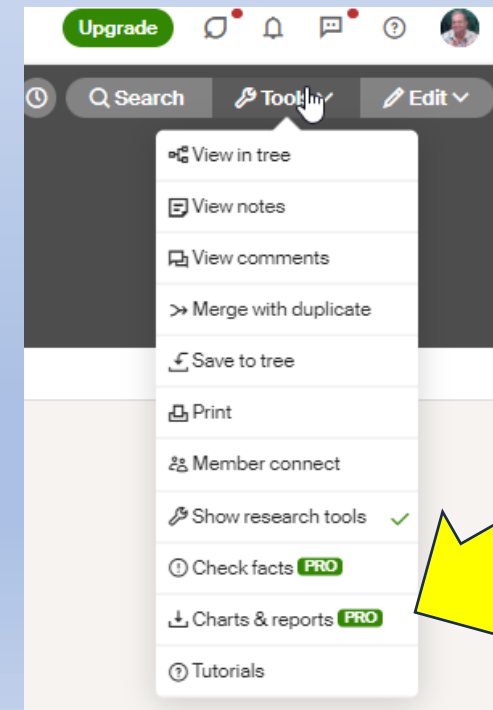
- Similar to standalone family tree programs
- Accessible in at least 3 locations
  - When a person is shown in the family tree, under Tools
  - Under the person's header
  - Under Main menu for Trees



**Caroline Margaret Sylvia**  
BIRTH 20 JANUARY 1893 • Hawkinsville, Siskiyou, California  
DEATH 8 AUG 1963 • Portland, Multnomah, Oregon, United States  
paternal grandmother

ments >> Merge with duplicate Print Member connect Check facts PRO Charts & reports PRO

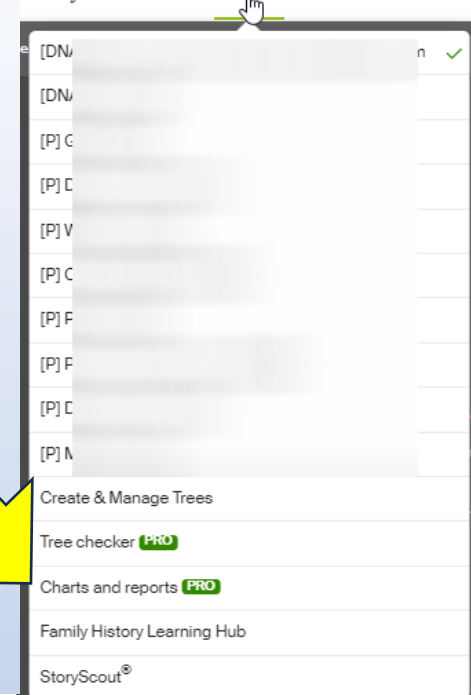
A yellow arrow points from the 'Charts & reports PRO' link in the bottom navigation bar to the right.



Upgrade Search Tools Edit

- View in tree
- View notes
- View comments
- Merge with duplicate
- Save to tree
- Print
- Member connect
- Show research tools ✓
- Check facts PRO
- Charts & reports PRO
- Tutorials

A yellow arrow points from the 'Charts & reports PRO' option in the menu to the right.



- Create & Manage Trees
- Tree checker PRO
- Charts and reports PRO
- Family History Learning Hub
- StoryScout®


A yellow arrow points from the 'Charts and reports PRO' option in the menu to the right.

# ProTools – Charts & Reports


- Nice displays suitable for printing or publishing
- Again, similar to what you may find in your own family tree program

Generated on September 20, 2024  
[DNA] Waters Tree Email:satwatcher.gen@gmail.com  
Caroline Margaret Sylvia

### Family Group Sheet


 Name: Caroline Margaret Sylvia  
Birth: 20 January 1893 in Hawkinsville, Siskiyou, California.  
Spouse: Joseph John Waters  
Death: 8 Aug 1963 in Portland, Multnomah, Oregon, United States; age: 70.  
Burial: 08/12/1963 in OR.  
Father: Joao John da Silva (Sylvia)  
Mother: Caroline C. Lemos

---


 Spouse: Joseph John Waters  
Birth: 23 Oct 1898 in San Francisco, San Francisco, California, USA.  
Marriage: Oregon, USA.  
Death: 28 Mar 1985 in Multnomah, Oregon, United States; age: 66.  
Burial: 04/01/1985 in OR.  
Father: John Waters  
Mother: Irene Agnes Berkley

---


Children of Caroline Margaret Sylvia and Joseph John Waters: 4

 Name: Richard J Waters  
Birth: 22 Dec 1919 in San Francisco, California.  
Spouses: Joan Anita Craddock Marriage: 7 Sep 1951 in Norfolk, Independent Cities, Virginia, USA.  
Thelma M Greenwood Marriage: 4 May 1969 in Monterey, California, USA.  
Helen L Bookoven Divorce: Apr 1968 in Alameda City, California, USA.  
Jeanne Claire Mills  
Death: 8 Nov 1979 in Petaluma, Sonoma, California, USA; age: 59.  
Burial: San Rafael, Marin County, California, USA.


---

 Name: Ernest Howard Waters  
Birth: 29 Mar 1925 in San Francisco, California.  
Spouse: Emogene Adkins Marriage: 19 Sep 1952 in Clackamas, Oregon, USA.  
Death: 22 Jul 2017 in Eugene, Lane, Oregon, USA; age: 92.  
Burial: Portland, Multnomah County, Oregon, United States of America.

---

 Name: Kenneth Gordon Waters  
Birth: 15 Dec 1929 in San Francisco, San Francisco, California, USA.  
Spouse: Mary Ann Elizabeth Fadden

---

 Name: Coralee Jane Waters  
Birth: 19 Mar 1932 in San Francisco, San Francisco, California, USA.  
Spouse: Richard J Courson Marriage: 1955 in Portland, Multnomah, Oregon, USA.  
Death: 18 August 2012 in Pendleton, Umatilla, Oregon, USA; age: 80.  
Burial: Pendleton, Umatilla County, Oregon, USA.





Example of a Family Group Sheet

### Choose a report

Document type

- Descendancy ⓘ
- Ahnentafel ⓘ
- Register ⓘ
- Family Group Sheet ⓘ

Document style


   


Pine  Birch  Oak  Maple

Total generations

2  3  4  5  6  7

Focus person [Change](#)

 **Ken Waters**  
1956–Living

 **Feedback**  
[Feedback >](#)

[Download](#) [Print](#) [Share](#)

# ProTools – Charts & Reports

- Nice displays suitable for printing or publishing
- Again, similar to what you may find in your own family tree program

Generated on September 27th, 2024  
 [DNA] Waters Tree Email:satwatcher.gen@gmail.com  
 Joao John da Silva (Sylvia)

ancestry

### Descendancy

1. Joao John da Silva (Sylvia) b: 6 Dec 1845 in Luz, Graciosa, Azores, Portugal. d: 2 Dec 1932 in Hawkinsville, Siskiyou, California; age: 86.  
 + Caroline C. Lemos b: 16 May 1874 in Hawkinsville, Siskiyou County, California, USA. m: 16 May 1889 in Yreka, Siskiyou, California, USA. d: 16 Jan 1913 in Hawkinsville, Siskiyou County, California, USA; age: 38.
  2. John Henry Sylvia b: 18 Mar 1890 in Yreka, Siskiyou, California, USA. d: 18 Nov 1981 in Yreka, Siskiyou, California, USA; age: 91.  
 + Flora F Brazil b: abt 1906 in California. m: Bef. 1924. d: 4 Jan 1975 in Josephine County, Oregon, USA; age: 69.
    3. Sybil Gertrude Sylvia b: 5 Feb 1924 in Yreka, Siskiyou County, California, USA. d: 5 Jun 2002 in Klamath Falls, Klamath County, Oregon, USA; age: 78.  
 + John Edward Wallin b: 1918 in Nebraska, USA. m: 17 Sep 1942 in Klamath, Oregon, USA. d: 5 April 2001 in Klamath Falls, Klamath County, Oregon, USA; age: 83.
      3. Dolores Ruth Sylvia b: 1 Feb 1926 in Siskiyou, California.  
 + Agnes L. Moore b: abt 1910 in California. d: Deceased.
        3. Vivian L Sylvia b: 10 Jun 1930 in California.  
 + Donald Marsh  
 3. Margaret J Sylvia b: abt 1933 in California.  
 3. Caroline May Sylvia b: 26 Nov 1933 in California.  
 + Robert Sanders d: Deceased.  
 3. Jo Ann B Sylvia b: abt 1939 in California.  
 + Wayne Austin Smith b: 29 Jul 1934 in Siskiyou, California. m: 15 Jun 1957 in Siskiyou, California, USA. d: 1 Aug 2023; age: 89.  
 3. John H Sylvia b: abt 1939 in California.  
 3. Della Agnes Sylvia b: 17 Mar 1941 in Siskiyou, California.  
 + Norville Hanke
2. Mary Mildred Sylvia b: 12 Nov 1891 in Yreka, Siskiyou, California, USA. d: 3 Oct 1973 in Redding, Shasta, California, USA; age: 81.  
 + George Lieurance b: Bet. 1873-1903 in Illinois. m: 1923. d: Bet. 1928-1988; age: 55.
  3. Marjorie Lieurance b: 28 Jun 1924 in California. d: 15 Jul 2013; age: 89.  
 + James E Briley Sr b: 30 Apr 1918 in Blackgum Okla. d: 27 May 2012; age: 94.
2. Caroline Margaret Sylvia b: 20 January 1893 in Hawkinsville, Siskiyou, California. d: 8 Aug 1963 in Portland, Multnomah, Oregon, United States; age: 70.  
 + Joseph John Waters b: 23 Oct 1898 in San Francisco, San Francisco, California, USA. m: Oregon, USA. d: 28 Mar 1965 in Multnomah, Oregon, United States; age: 66.
  3. Richard J Waters b: 22 Dec 1919 in San Francisco, California. d: 8 Nov 1979 in Petaluma, Sonoma, California, USA; age: 59.  
 + Joan Anita Craddock b: 12 May 1929 in Los Angeles, Los Angeles, California, USA. m: 7 Sep 1951 in Norfolk, Independent Cities, Virginia, USA. d: 11 Oct 2015 in Mesa, Maricopa, Arizona, USA; age: 86.  
 + Thelma M Greenwood b: 14 Apr 1914 in San Francisco, California. m: 4 May 1969 in Monterey, California, USA. d: 12 March 2005 in Petaluma, Sonoma County, California, United States of America; age: 90.  
 + Helen L Bookoven b: 23 Mar 1914 in Oklahoma. div: Apr 1968 in Alameda City, California, USA. d: Jan 1979; age: 64.  
 + Jeanne Claire Mills b: 1 Feb 1922 in Portland, Multnomah, Oregon, USA. d: 12 Dec 1995 in Laguna Hills, Orange, California, USA; age: 73.
  3. Ernest Howard Waters b: 29 Mar 1925 in San Francisco, California. m: 19 Sep 1952 in Clackamas, Oregon, USA. d: 22 Jul 2017 in Eugene, Lane, Oregon, USA; age: 92.  
 + Emogene Adkins b: 23 Apr 1932 in Barboursville, Cabell, West Virginia, USA. m: 19 Sep 1952 in Clackamas, Oregon, USA.
  3. Kenneth Gordon Waters b: 15 Dec 1929 in San Francisco, San Francisco, California, USA.  
 + Mary Ann Elizabeth Fadden b: 9 Jun 1938 in Ramsey, Minnesota, USA.
  3. Coralee Jane Waters b: 19 Mar 1932 in San Francisco, San Francisco, California, USA. d: 18 August 2012 in Pendleton, Umatilla, Oregon, USA; age: 80.  
 + Richard J Courso b: 19 Jun 1932 in Pendleton, Umatilla Co. Oregon; age: 94.

Example of a 3-Generation Descendancy Report

### Choose a report

Document type

- Descendancy ⓘ
- Ahnentafel ⓘ
- Register ⓘ
- Family Group Sheet ⓘ

Document style

Pine  Birch  Oak  Maple

Total generations

2  3  4  5  6  7

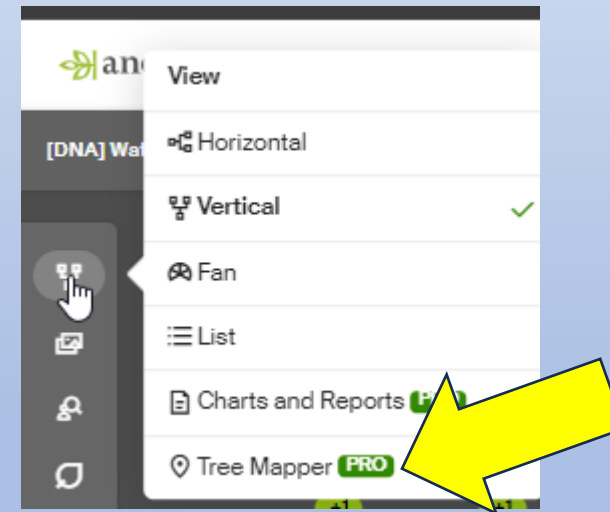
Focus person Change

**Ken Waters**  
1956–Living

**Feedback**  
Feedback >

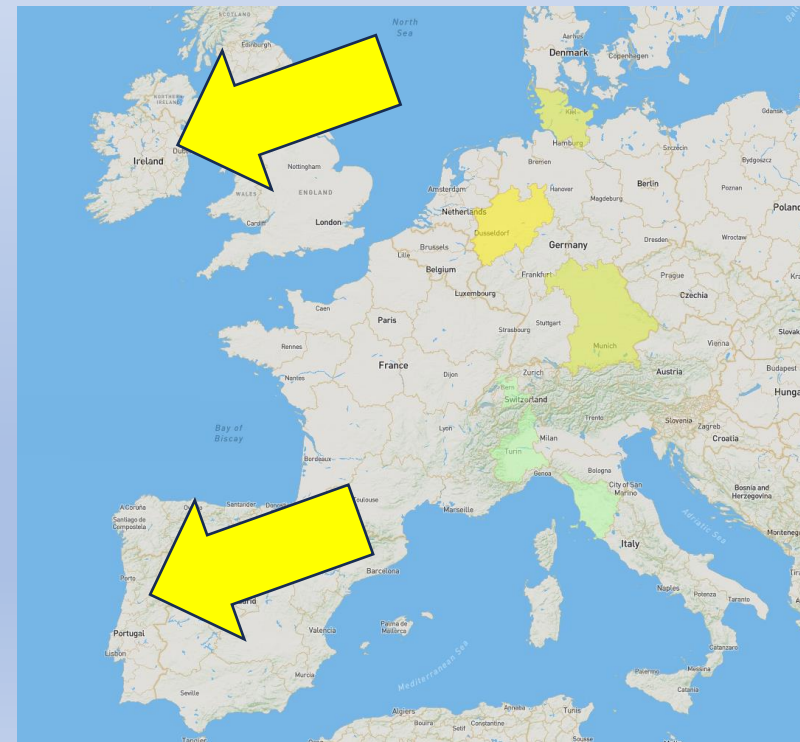
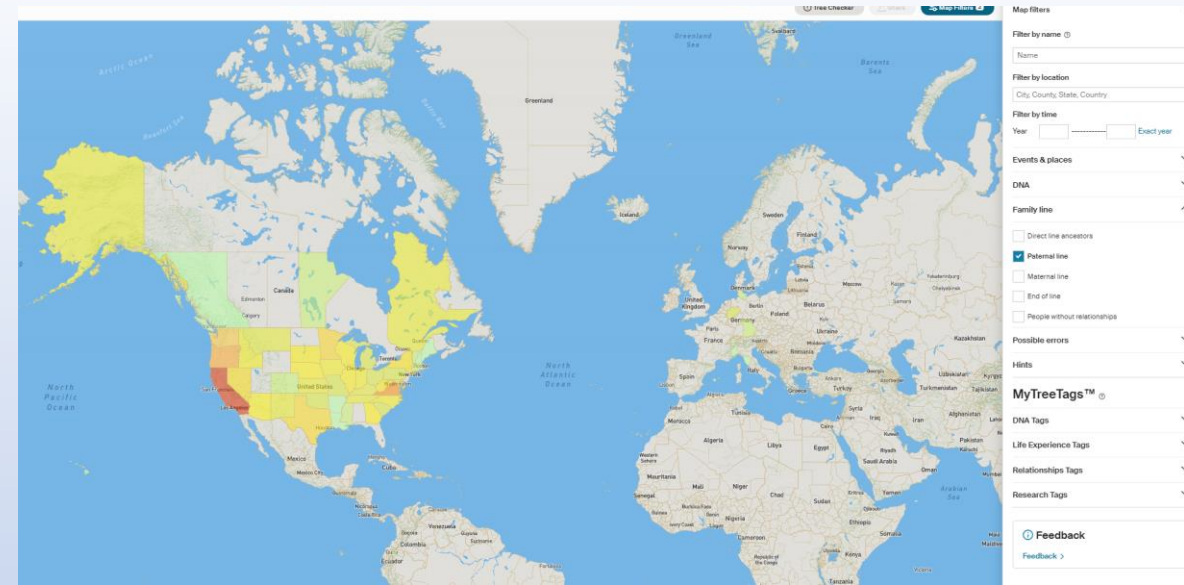
# ProTools – Tree Mapper

- Hard to find
- Open a tree that you own and have set the home person for
- Click on the tree orientation button on the left and select “Tree Mapper”

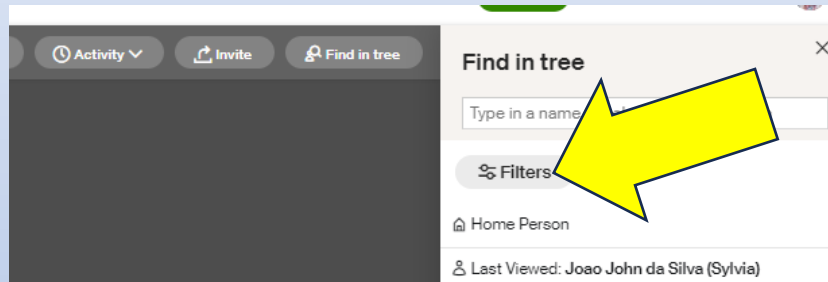


# ProTools – Tree Mapper

- Clunky (in my own opinion)
- Open a tree that you own and have set the home person for
- When I try to look at my paternal line (50% Portuguese/Azores, 37% Irish, 13% early colonial/English): nothing shown for Portuguese or Irish
- Maybe you had better experience with it



# ProTools – Smart Filters



## Smart Filters in Ancestry® Pro Tools

Smart filters make finding specific people or those with certain details in your family tree easier. They help you search, group, and sort individuals based on key details beyond names.

Advanced filter options include:

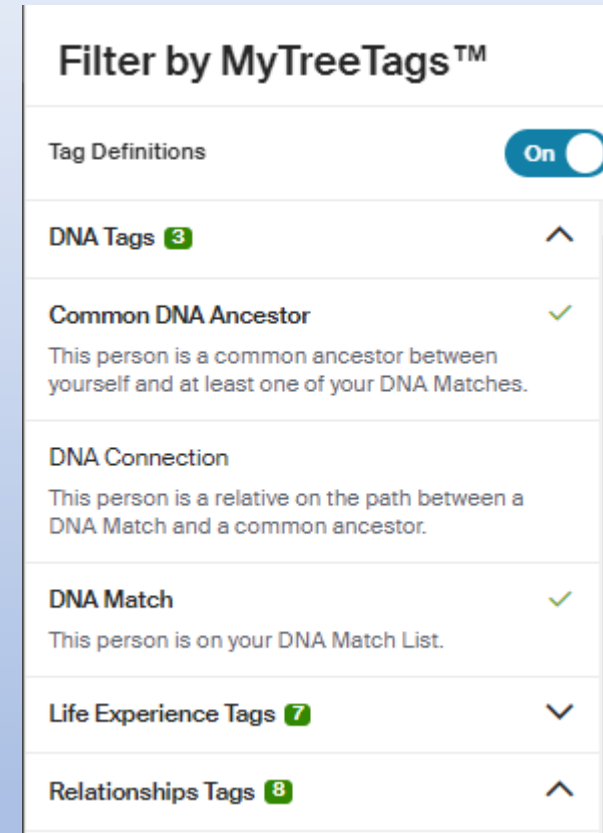
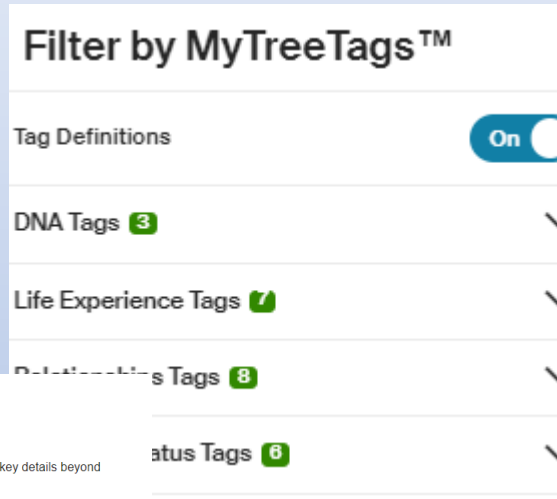
- Family lines
- Events & places
- Possible Errors
- Hints
- MyTreeTags™

### Filtering

To access and use smart filters, you need an active [Ancestry® Pro Tools Membership](#).

1. Above the [list of all people](#), click **More filters**.
2. In the panel on the right, select or deselect a filter (or multiple filters).
  - **Family line:** Filter by direct line ancestors (people you descend from), paternal (father's) line, maternal (mother's) line, end of line, or people without relationships.
  - **Events & places:** Filter by birth, marriage, death, burial, lived in, or any event. Select one, "Any Event" (to search all), or none to search without events.
    - If choosing an event or place:
      - Enter a year or date range.
        - For an exact year, click "Exact year."
        - For a specific date range, click "Add range."
      - Provide location details if known or wanted.
    - To remove an event or place, click the X.
  - **Possible Errors:** Filter by "Possible duplicates," "People with no sources," "People with only tree sources," and "Other possible errors."
  - **Hints:** Include only people with [Ancestry Hints®](#).
  - **MyTreeTags™:** Filter based on your added universal or custom tags. For help modifying these, see [MyTreeTags™](#).

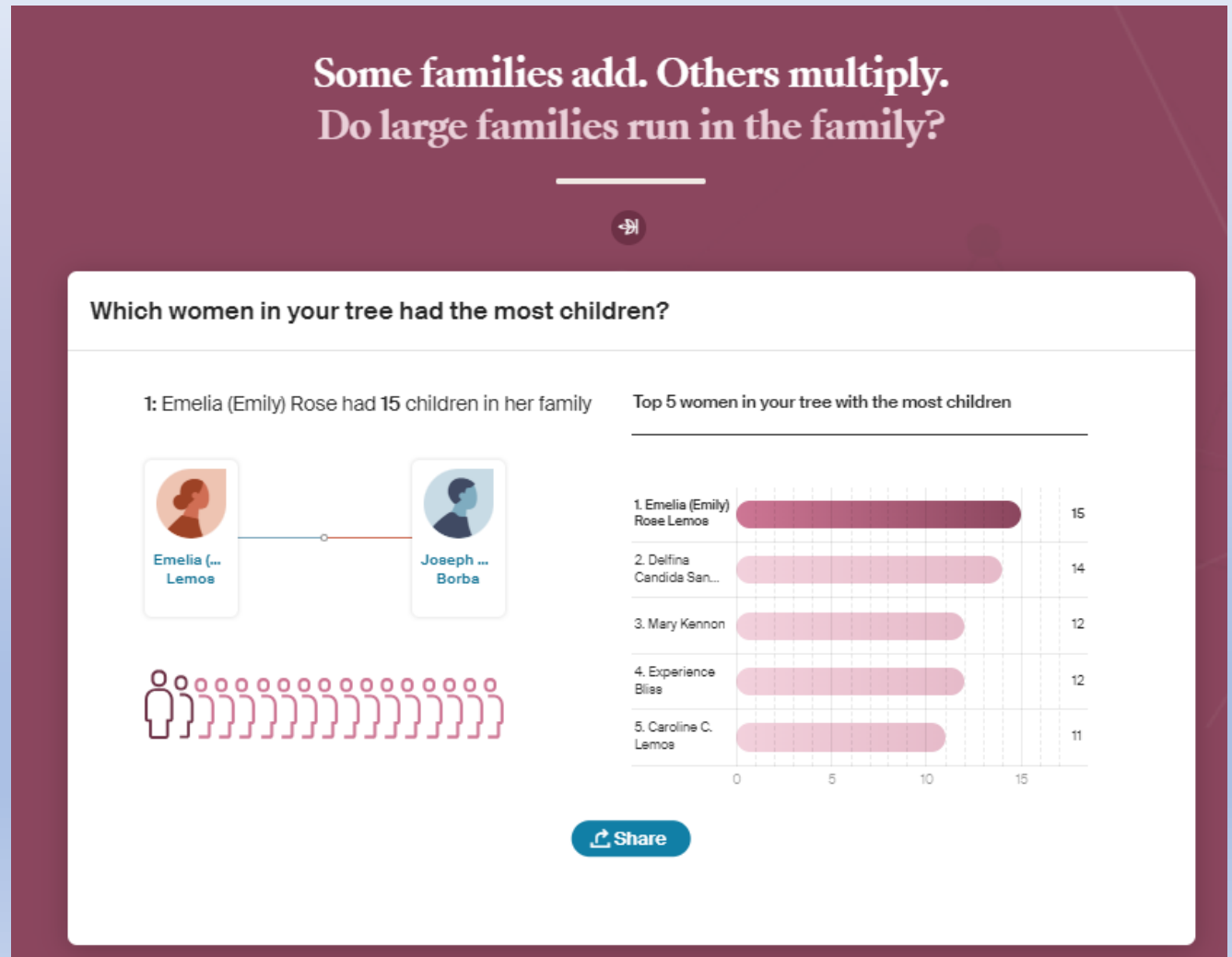
If no results are found, edit your filters or click "Clear all filters" at the top of the filters panel.



**NOTE:** I haven't dug into this too much but I do use the DNA Tags to "flag" people in my tree whom I've identified as a DNA match

# ProTools – Insights

- A various collection of “insights”, or statistics on your family tree



# Components of ProTools -- DNA

- Okay, this is the BIG one --- Enhanced Shared Matches
- We are now able to see how much DNA our matches share with other matches
  - This is similar to what is on MyHeritage and 23andMe
- IMHO --- This is alone worth paying for ProTools

The screenshot displays the ProTools DNA interface for a user named Ken Waters. At the top left, the name "Ken Waters" is shown with a dropdown arrow. To the right are two buttons: "Invite" (in a blue rounded rectangle) and "Compare" (in a light gray rounded rectangle). Below the name are four tabs: "Summary", "Origins", "Matches" (which is underlined and active), and "Traits". A horizontal bar below the tabs contains four filter buttons: "All" (dark gray), "By parent" (light gray), "By ancestor" (light gray), and "By location" (light gray). Below this bar is a "Filter by:" section with several filter buttons: "Unviewed" (with a blue dot), "Common ancestors" (with a person icon), "Notes" (with a document icon), "Trees" (with a tree icon and a dropdown arrow), "Shared DNA" (with a dropdown arrow), and "Groups" (with a dropdown arrow). On the far right of this section is a search and sort area with a magnifying glass icon, the text "Search | Sort", and a dropdown arrow.



# Enhanced Shared Matches

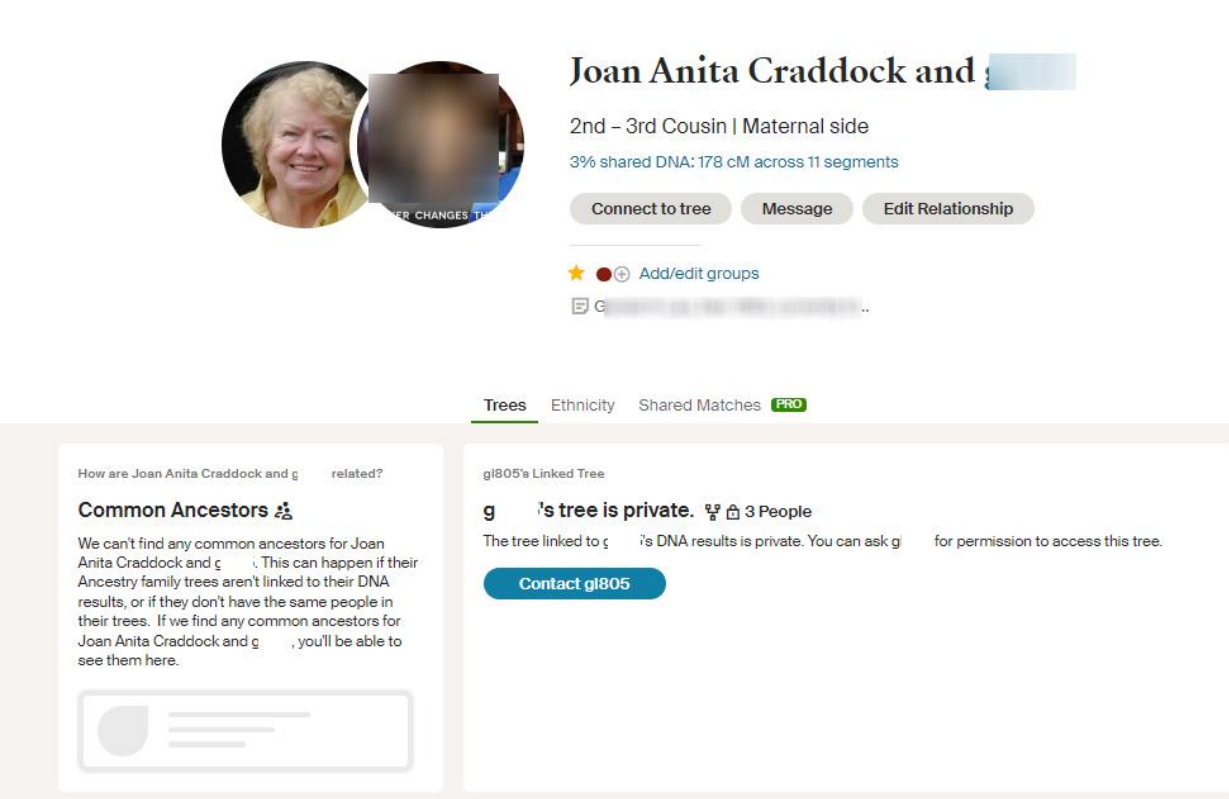
- Click on Shared Matches
- Now you can see how much 2 of your DNA matches share with each other
- Find out if there is a parent-child relationship or other close relationship

The screenshot displays a DNA match page for 'Joan Anita Craddock and g'. At the top, it shows a profile picture and a 'NEW!!!' callout with a yellow arrow pointing to the 'Shared Matches' tab. Below the profile, there are buttons for 'Connect to tree', 'Message', and 'Edit Relationship'. The 'Shared Matches' tab is active, showing a list of matches with columns for 'Shared match:', 'Joan Anita Craddock's:', and 'g:'. Each match entry includes a relationship type, shared cM, and a 'C' icon.

Shared match:	Joan Anita Craddock's:	g:
Fr. W. [blurred]	Joan Anita Craddock's: Son 3,486 cM Both sides	g: 3rd cousin or half 2nd cousin 1x removed 91 cM
Son, 3486/ [blurred]		
Ke. [blurred]	Joan Anita Craddock's: Son 3,474 cM Both sides	g: 3rd cousin 94 cM
Son, 3474/ [blurred]		
Pa. [blurred]	Joan Anita Craddock's: Granddaughter 1,952 cM Both sides	g: Half 3rd cousin 1x removed or 3rd cousin 2x removed 38 cM
Granddaug [blurred]		
Ne. [blurred]	Joan Anita Craddock's: Grandson or nephew 1,879 cM Both sides	g: Half 2nd cousin 2x removed or 3rd cousin 1x removed 47 cM
Grandson, [blurred]		
DE. [blurred]	Joan Anita Craddock's: Half 3rd cousin 1x removed or 3rd cousin 2x removed 36 cM Maternal side	g: 4th cousin or half 3rd cousin 1x removed 26 cM
He is [blurred]		

# Enhanced Shared Matches

- Access by opening your list of DNA matches
- Select a match
- In this example, using my mother's DNA kit I choose a match that I believe is the closest on her mystery maternal grandfather's side (an NPE)
- 178 cMs, presumably a 2<sup>nd</sup> cousin once removed (most likely after analyzing in "What Are The Odds" tool)
- NOTE: Tree is private and no common ancestors hints shown



The screenshot shows a DNA match profile for "Joan Anita Craddock and g". The profile includes two circular profile pictures: one of an elderly woman with short blonde hair, and another that is blurred. To the right of the pictures, the name "Joan Anita Craddock and g" is displayed. Below the name, it indicates a relationship of "2nd - 3rd Cousin | Maternal side" and "3% shared DNA: 178 cM across 11 segments". There are three buttons: "Connect to tree", "Message", and "Edit Relationship". Below these are options for "Add/edit groups" and a "G" icon. At the bottom, there are tabs for "Trees", "Ethnicity", "Shared Matches", and "PRO".

**Common Ancestors**

How are Joan Anita Craddock and g related?

We can't find any common ancestors for Joan Anita Craddock and g. This can happen if their Ancestry family trees aren't linked to their DNA results, or if they don't have the same people in their trees. If we find any common ancestors for Joan Anita Craddock and g, you'll be able to see them here.

g's tree is private. 3 People

The tree linked to g's DNA results is private. You can ask g for permission to access this tree.

Contact g1805

# Enhanced Shared Matches

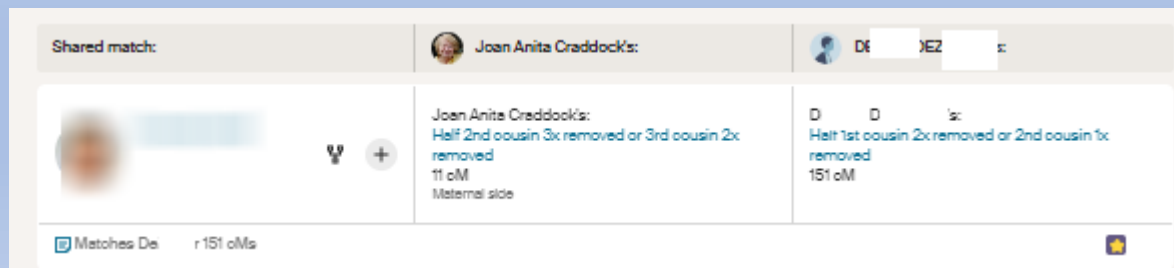
- I opened up the shared matches for this strong match and then clicked through some of them to get the matching DNA amounts
- Note this match (we'll call him GL) has only 8 shared matches and 4 of those are very close family so not useful for analysis
- And, those 4 shared matches are fairly distant (25, 31, 20, and 23 cMs)

The screenshot shows the profile of Joan Anita Craddock and a list of shared matches. The profile header includes her name, a photo, and statistics: "2nd cousin 1x removed or half 1st cousin 2x removed | Maternal side" and "31% shared DNA: 178 cM across 11 segments". Below the profile are buttons for "Connect to tree", "Message", and "Edit Relationship". The "Shared Matches" tab is selected, showing a list of matches with columns for "Shared match:", "Joan Anita Craddock's:", and "Match:". Four yellow arrows point to the following matches:

Shared match:	Joan Anita Craddock's:	Match:
[Profile]	Joan Anita Craddock's: Son 3,489 cM Both sides	8 3rd cousin or half 2nd cousin 1x removed 91 cM
[Profile]	Joan Anita Craddock's: Son 3,474 cM Both sides	8 3rd cousin 94 cM
[Profile]	Joan Anita Craddock's: Granddaughter 1,952 cM Both sides	8 Half 3rd cousin 1x removed or 3rd cousin 2x removed 38 cM
[Profile]	Joan Anita Craddock's: Grandson or nephew 1,879 cM Both sides	8 Half 2nd cousin 2x removed or 3rd cousin 1x removed 47 cM
[Profile]	Joan Anita Craddock's: Half 3rd cousin 1x removed or 3rd cousin 2x removed 38 cM Maternal side	8 4th cousin or half 3rd cousin 1x removed 25 cM
[Profile]	Joan Anita Craddock's: Half 3rd cousin 1x removed or 4th cousin 25 cM Maternal side	4th cousin or half 3rd cousin 1x removed 31 cM
[Profile]	Joan Anita Craddock's: Half 3rd cousin 1x removed or 3rd cousin 2x removed 17 cM Maternal side	8 4th cousin or half 3rd cousin 1x removed 20 cM
[Profile]	Joan Anita Craddock's: Half 3rd cousin 1x removed or 3rd cousin 2x removed 18 cM Maternal side	Half 3rd cousin 1x removed or 4th cousin 23 cM

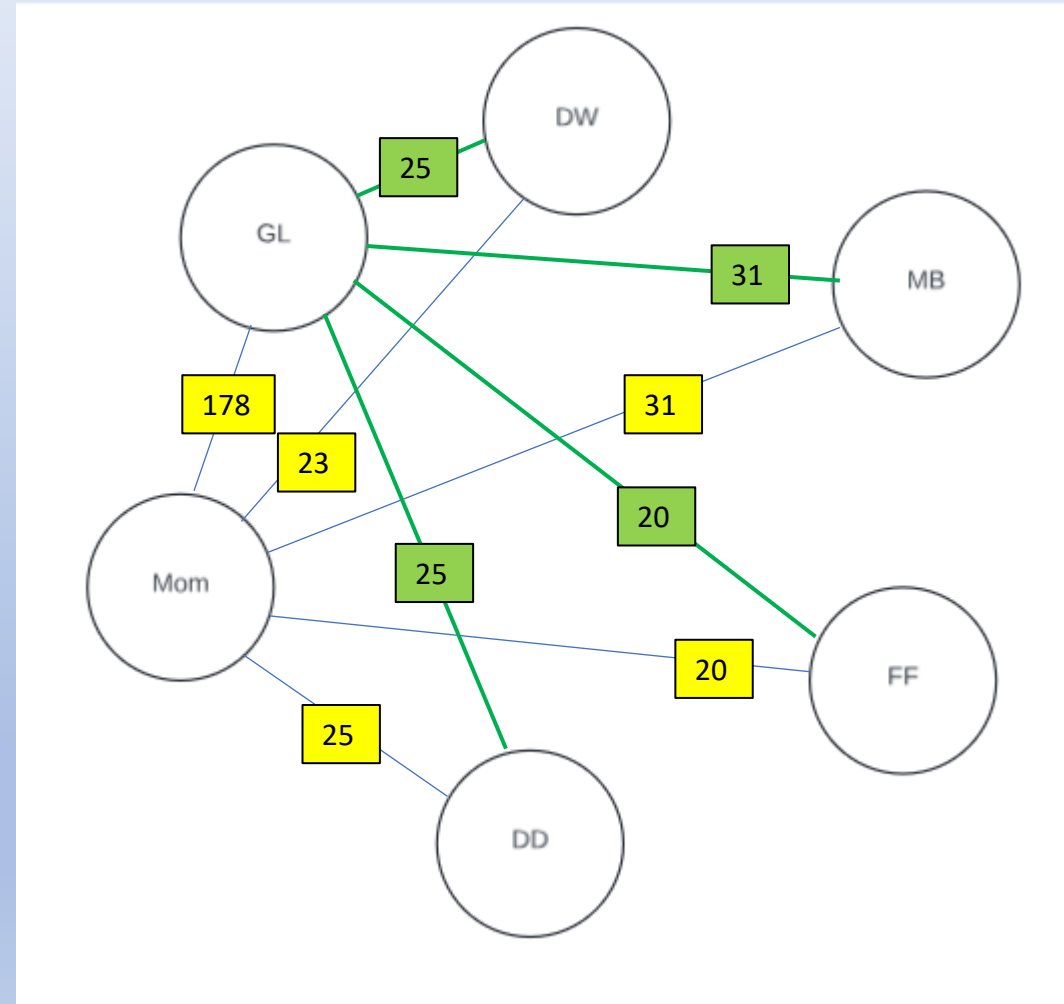
# Enhanced Shared Matches

- HOWEVER---when I click on those other 4 matches I get a much larger pool of matches
- Clicking on the first one, DD, yields 30 shares
- This allows me to begin to construct a hypothetical relationship chart, especially using close relationships
- Also, some of these new shares will have family trees that I can gather surnames from



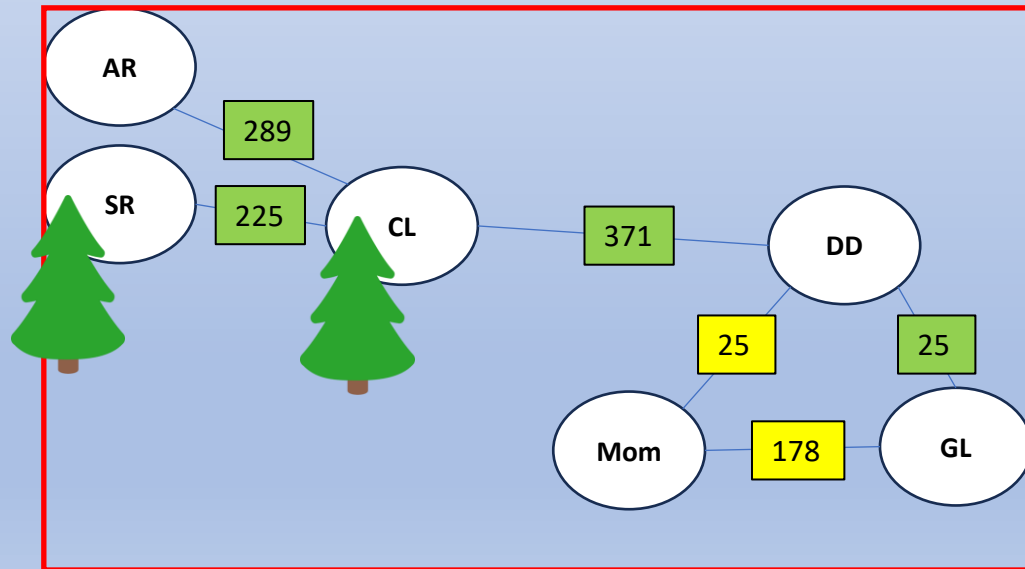
# Enhanced Shared Matches

- Thinking graphically...
- I start with Mom's DNA and GL's and add the 4 shared matches for GL with the DNA amounts available without this tool (blue lines)
- With enhanced shared matches I now have the DNA amounts shown as green lines here



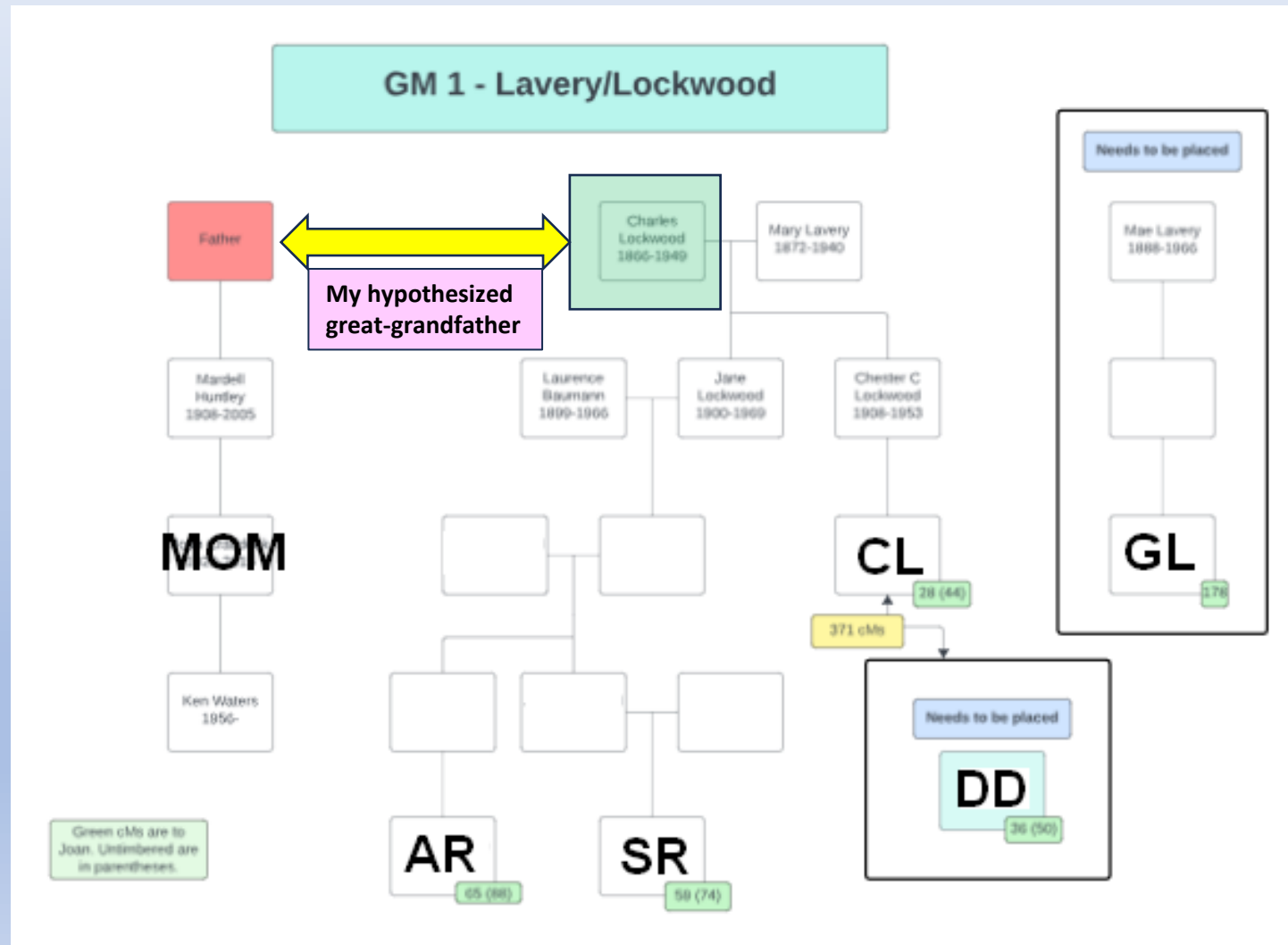
# Enhanced Shared Matches

- Now, looking at DD's shares I find many more, 30, that are not shared with GL but are shared to Mom
- One, at 371 cMs has a tree with surnames that I know are in GL's tree that I constructed



# Using Enhanced Shared Matches to Construct DNA Relationship Diagrams

More Tree work and Shared DNA match data need to be analyzed to either prove or refute this hypothesis



















# Enhanced Shared Matches

- One unexpected benefit that I found:
  - You can now get shared matches < 20 cMs that show up

**Ken Waters**  
June 23 · 🌐

Great example of the usefulness of the new Ancestry share tool for subscribers who also subscribe to ProTools. These are shared matches to a 40 cM match to my deceased uncle Ernie. I am looking to determine if this match is on Ernie's paternal grandfather side or his paternal grandmother side. Look what was lurking below the 20 cMs level that I never knew to be shared matches since they were all < 20. All with trees (haven't checked, maybe several of them are the same tree). It will be some work to figure all this out but, wow, what a wealth of information (6 very close relatives) so that it should be a breeze to work out a good tree for this match. Time for a Quick & Dirty tree followed by a LucidChart DNA diagram, wouldn't you say??

	Jo	 +	Ernest Howard Waters's: 3rd cousin 2x removed or half 3rd cousin 1x removed 20 cM Paternal side	Half 3rd cousin 1x removed or 4th cousin 31 cM
	Je	 +	Ernest Howard Waters's: 3rd cousin 2x removed or half 2nd cousin 3x removed 19 cM Paternal side	Daughter 3,448 cM
	Ar	 +	Ernest Howard Waters's: 3rd cousin 2x removed or half 3rd cousin 1x removed 19 cM Maternal side	1st cousin or half niece 1,069 cM
	Cr	 +	Ernest Howard Waters's: Half 2nd cousin 3x removed or 3rd cousin 2x removed 17 cM Paternal side	Niece 2,037 cM
	St	 +	Ernest Howard Waters's: 3rd cousin 2x removed or half 2nd cousin 3x removed 17 cM Paternal side	Son 3,453 cM
	Sh	 +	Ernest Howard Waters's: 3rd cousin 2x removed or half 2nd cousin 3x removed 15 cM Paternal side	Niece 1,638 cM
	Nc	 +	Ernest Howard Waters's: Half 2nd cousin 3x removed or 3rd cousin 2x removed 14 cM Paternal side	Grandniece 940 cM
	Le	 +	Ernest Howard Waters's: Half 3rd cousin 1x removed or 3rd cousin 2x removed 14 cM Paternal side	4th cousin or half 3rd cousin 1x removed 26 cM



Demo?

# Upcoming Classes/Presentations

**Date: Pending Nov 2024**

**Location: Red Mountain Library**

**Topic: DNA Updates**

**Description: Recent changes with the DNA testing companies and tools**



All library classes are free to attend and require no registration and held at the Red Mountain Mesa Public Library at 635 N Power Rd in Mesa (unless otherwise noted above).



Presentations:

<http://familytreeaz.com/Presentations>



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