Using Gworks
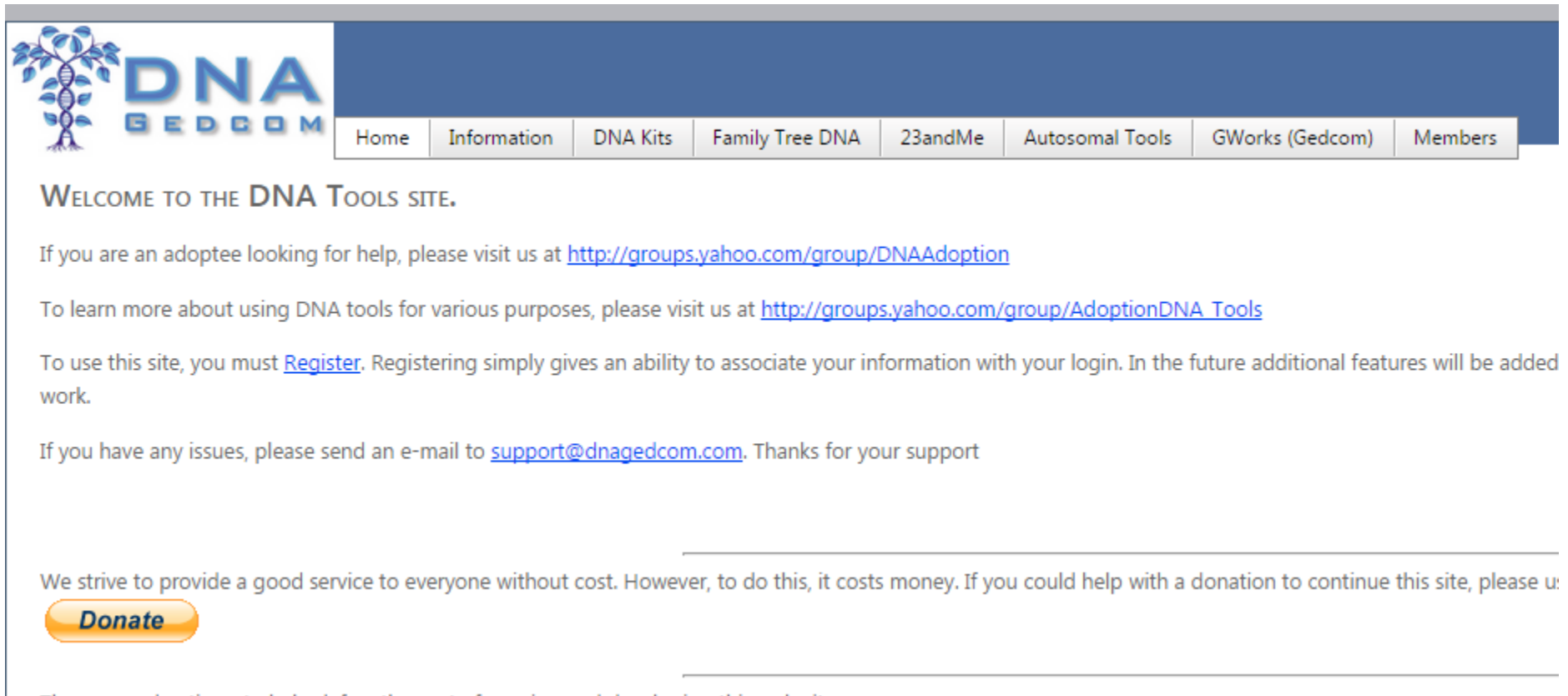
Gworks is a tool that lets you search and compare data from your gedcoms and Ancestry files. It is found on http://dnagedcom.com

Upload Gedcom Files

Start by uploading any gedcom files you have to Gworks.
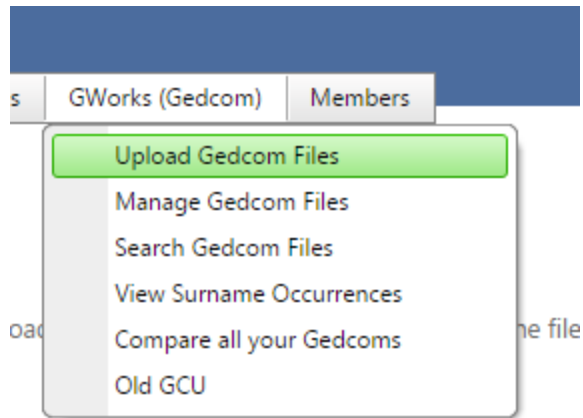
Under Gworks choose Upload Gedcoms

Go to your util folder and choose the gedcoms to upload.

After they have uploaded, you have the option to delete one if you wish

After you select the files you will see a list of those you are uploading and can delete one at this point if you wish.

- James ELong.ged ✖ Remove
- James Eugene Lehe.ged ✖ Remove
- James W. McDaniel (1).ged ✖ Remove
- James Weldon Ivy.ged ✖ Remove
- Jane Ford Slack.ged ✖ Remove

[   ] Select

Next click on Save the uploaded files.

You must do this. The Save action puts all the gedcom data in the right places in the database and can take a few minutes.

While it is processing there will be a process status message at the bottom of the page. When that disappears the data has been saved.

After 15 minutes or so the files will be available to search.

All the data from your gedcoms is now available to search.

Manage Gedcoms

Under the Gworks tab pick Manage GEDCOMs.

GWORKS – MANAGE YOUR GEDCOM FILES

This page is where you manage all your Gedcom data.

To use the matching tools, you need to match your gedcoms. Click Match Gedcom files to complete matching. This can take 10 minutes or more to run.

Match Gedcom files

Click this button to create the Match file. You will find the Match file under Member / View Files under the Gedcom folder.

Create Match file

Click this button to create the Surname file. You will find the Surname file under Member / View Files under the Gedcom folder.

Create Surname file

Click this button to Export all your data into a single csv file.

Create Full file

If you wish to remove or modify your trees, click button below to see your list of trees.
Show Trees

If you have files in the gedcom folder that are not yet processed, click the following button to load them.

Load Gedcom files

If you wish to clear all your data (to start fresh for example), click on Clear all Gedcom Data. You may need to do this when uploading a lot of new Gedcoms or if you seem to have duplicate data loaded in the system.

Clear all Gedcom Data

There are a number of things that you can do from this page.

Show Trees

Show Trees is an important feature.

Click this button to Export all your data into a single csv file.

Create Full file

If you wish to remove or modify your trees, click button below to see yo

Show Trees

If you have files in the gedcom folder that are not yet processed, click th

Load Gedcom files

You will get a list of tree gedcoms that you have in the database.

Scan it for duplicates

Search it for specific files

If you wish to remove or modify your trees, click button below to see your list of trees.
hide
You can also see a list of all the gedcoms we have loaded. You can enable and disable individual gedcoms here as well as delete an individual gedcom. You can also choose the "base" person in this gedcom and assign to a DNA Kit (future).

	File Name	Enabled	Delete
		☐ ▼	
Edit	Scott Engles_Scott Engles_ANC	☑	✕
Edit	strongraven4u_strongraven4u_ANC	☑	✕
Edit	Buckeye_guy395_Buckeye_guy395_ANC	☑	✕
Edit	billbeers10_billbeers10_ANC	☑	✕
Edit	randerson3498_R. K. A._ANC	☑	✕
Edit	dmurphy83363_J. M._ANC	☑	✕
Edit	CharAngel1960_CharAngel1960_ANC	☑	✕
Edit	scraft7632_scraft7632_ANC	☑	✕
Edit	evadennis2_evadennis2_ANC	☑	✕
Edit	willis2_willis2_ANC	☑	✕

The red arrow points to where you can search for a complete or total file name, the yellow shading marks where you delete the file.

After you search on a file name, you will then see the screen switch back to the full Manage Gedcoms screen and you must go to Show Files again to see the results.

Matching Gedcoms

The following three buttons are used together to compare data in your database

To use the matching tools, you need to match your gedcoms. Click Match Gedcom files to complete matching. This can take 10 minutes or m

Match Gedcom files

Click this button to create the Match file. You will find the Match file under Member / View Files under the Gedcom folder.

Create Match file

Click this button to create the Surname file. You will find the Surname file under Member / View Files under the Gedcom folder.

Create Surname file

Click this button to Export all your data into a single csv file

Match Gedcom Files compares all your gedcoms for matches between them. There are 3 categories of matches.

Exact Match where all fields match

Exact – Not Death where the death date may not match

Name Only where only the names match

This can be confusing file to look at as it needs a lot of cleanup. Directions for the Clean-up are in "Using Gworks to Identify Your Birth Family".

You have to Create the Match File which is then to be found under the Members/Files tab in the Gedcom folder.

You then need to Create a Surname file which is also found in that folder. You can right click and rename the files and then download them.

Warning :You must redo this match after any changes to gedcom information

Create a Full File

Another Choice is to Create a Full file

Click this button to Export all your data into a single csv file.

Create Full file

This lists everyone and the details in the database. There are further directions on how to use these files in "Using Gworks to Identify Your Birth Family".

Uploading Gedcoms from the Gedcom Folder

If you have files in the gedcom folder that are not yet processed, click the following button to load them.

Load Gedcom files

This was more important when we were able to download the gedcoms from FTDNA

Clear All Gedcoms

Finally, Clear All Gedcoms when you just want to start over.

If you wish to clear all your data (to start fresh for example), click on Clear all Gedcom Data. You may need to do this when uploading a lot of new Gedcoms or if you seem to have duplicate data loaded in the system.

Clear all Gedcom Data

Searching Gedcoms
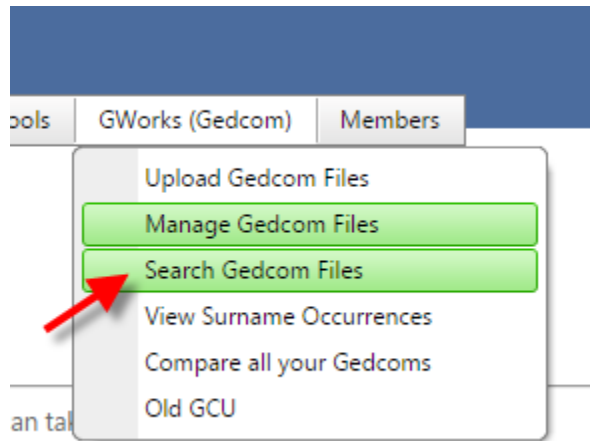
You can search on any of the fields in the database.

You will see several columns with the headings

File Name (GEDCOM name)

Given name

Surname

Sex

Birth Date

Death Date

Birth Place

Death Place

Next to Each Column is a set of Filters

These drop down to give you these choices

Surname	Given Name
	NoFilter
Amey	Contains
Amey	DoesNotContain
Amey	StartsWith
Amey	EndsWith
Amey	EqualTo
Amey	NotEqualTo
Amey	GreaterThan
Amey	LessThan
Amey	GreaterThanOrEqualTo
Amey	LessThanOrEqualTo
Amey /Emig/	Between
Amey /Emig/	NotBetween
Amey /Emig/Emich/	IsEmpty
Amey /Emig/Emich/	NotIsEmpty
Arzulaitis	IsNull
	NotIsNull
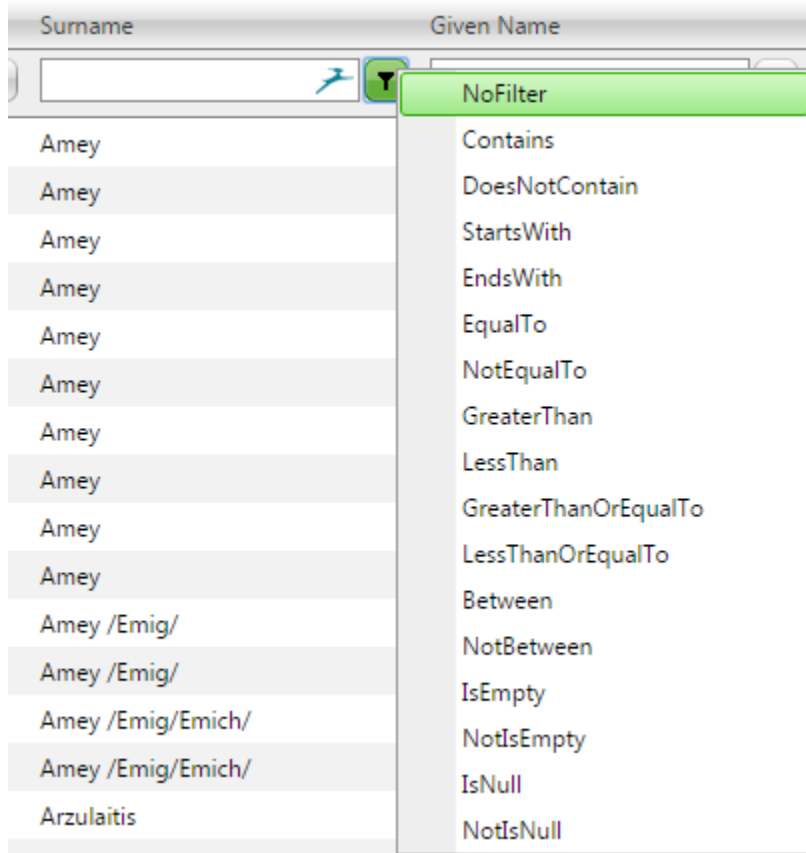
Selecting one of these choices starts the search.

Let's try a few examples:

In this first example I am looking for the first name Mary. However, I want to get Mary, Mary Lou, Mary Ann, etc so I will pick the option that the field Contains Mary

This returns a list like this with its associated data

	Given Name	Surname	Sex	Birth Date	Death Date	Birth Place	Death Place
rely	Mary \'Polly\'	Keys	F	16 JUN 1791	1855	Jackson Co., Alabama, USA	Jackson Co., Alabama, USA
rely	Mary Ann \'Polly\'	Black	F	ABT 1760	BEF 19 AUG 1848	Maynard\'s Cove, Jackson, Alabama, USA	Maynard\'s Cove, Jackson, Alabama, USA
rely	Mary	Craig	F	BET 1755 AND 1765	BET 1797 AND 1815	prob./Blount, Tennessee, USA	prob./Blount, Tennessee, USA
rely	Mary M.	Muchmore	F	ABT 1765	03 AUG 1848	Lowndes, Alabama, USA	Lowndes, Alabama, USA
rely	Mary	Mason	F	1736	AFT 1797		
rely	Mary	Derrick	F	1796	1850	Jackson, Alabama, USA	Jackson, Alabama, USA
rely	Mary	Turner	F	ABT 1735	1807	Bedford, Virginia, USA	Bedford, Virginia, USA
rely	Mary Ann	Yates	F	ABT 1856	01 MAR 1938	Warren, Jackson, Oklahoma, USA	Warren, Jackson, Oklahoma, USA
rely	Mary \'Polly\'	Henderson	F	ABT 1792	AFT 1860	Mount Vernon, Franklin, Texas, USA	Mount Vernon, Franklin, Texas, USA
rely	Mary	Barber	F	ABT 1755	1801	Christian, Kentucky, USA	Christian, Kentucky, USA
rely	Mary \'Polly\'	Armstrong	F	1785	12 SEP 1852	Christian, Kentucky, USA	Christian, Kentucky, USA
rely	Mary Randolph	Harrison	F	ABT 1753	ABT 1817	Christian, Kentucky, USA	Christian, Kentucky, USA
rely	Mary Harriett	Bennett	F	1805	ABT 1857	Graves, Kentucky, USA	Graves, Kentucky, USA

Next I will add the **Equalto** filter for Williams. Until I remove it the Filter is still on Given Name as Contains Mary

Given Name	Surname	Sex
Mary	williams	
Mary Ann Nancy	WILLIAMS	F
Rady Mary	WILLIAMS	
Mary Elizabeth	WILLIAMS	
Mary	WILLIAMS	F
Mary	WILLIAMS	F
Rosemary	WILLIAMS	
Mary	WILLIAMS	F
Mary	WILLIAMS	F
Mary Ann Nancy	WILLIAMS	F
Mary Ann Nancy	WILLIAMS	F
Mary	WILLIAMS	
Mary Belle	WILLIAMS	
Mary	WILLIAMS	
Mary Jane	WILLIAMS	
Mary	WILLIAMS	

If we had used **Contains** for the Surname, we would also get things like Williamson in the results

Given Name	Surname	Sex
Mary	williams	
Mary Ann Nancy	WILLIAMS	F
Mary Jane	WILLIAMSON	
Mary Anne	WILLIAMSON	
Mary D.	WILLIAMSON	
Rady Mary	WILLIAMS	
Mary Elizabeth	WILLIAMS	
Mary	WILLIAMS	F
Mary A.	MCWILLIAMS	
Mary	WILLIAMS	F
Rosemary	WILLIAMS	
Mary	WILLIAMS	F
Mary	WILLIAMS	F
Mary Ann Nancy	WILLIAMS	F
Mary Ann Nancy	WILLIAMS	F
Mary	WILLIAMS	
Mary Belle	WILLIAMS	
Mary	WILLIAMS	
Mary Jane	WILLIAMS	
Mary	WILLIAMS	
Mary	WILLIAMSON	F
Mary Della	WILLIAMS	

Let's look for Williams born in either South or North Carolina

This is the Equalto Filter on Williams and Contains Filter on birth place = Carolina

First Remove the filter on Given Name

Surname	Sex	Birth Date	Death Date	Birth Place
williams				carolina
Williams	F	1650	1763	Granville, North Carolina, United States
Williams	M	28 AUG 1824	21 MAY 1896	Pickens, Pickens, South Carolina, United States
Williams	M	10 NOV 1740	08 OCT 1780	Cherokee County, South Carolina, USA
Williams	F	05 NOV 1866	12 NOV 1940	Pickens, Pickens, South Carolina, United States
Williams	F	25 AUG 1857	25 APR 1910	Pickens County, South Carolina, USA
Williams	F	12 AUG 1827	07 JUL 1902	North Carolina, United States
Williams	M	1810	AFT 1848	North Carolina
Williams	F			Greenville, Pitt, North Carolina, United States

Some people enter the states by Abbreviation. So we will look for those Williams born in SC – use the Contains filter.

Surname	Sex	Birth Date	Death Date	Birth Place	D
williams				SC	
Williams	M	08 OCT 1879	20 APR 1956	Anderson County, SC	A
Williams	M	03 AUG 1822	13 FEB 1899	Cedar Rock, Pickens County, SC	C
Williams	F	06 JAN 1835	02 MAY 1923	Pickens County, SC	P
Williams	M	APR 1876	NOV 1952	Pickens County, SC	P
Williams	M	1808	20 FEB 1904	Pickens County, Pickens County, SC	P S
Williams	M	13 JUN 1844	16 NOV 1911	Peter's Creek, Pickens County, SC	P
Williams	M	08 OCT 1879	20 APR 1956	Anderson County, SC	A
Williams	M	07 MAR 1841	03 MAR 1864	, Pickens County, SC	,
Williams	M			Pickens County, SC	P

You can see that there are a lot of possibilities with the searchs. Not all of the filters work yet though.

You can print the results of these searches by using the CSV button at the top left.

View Surname Occurrences
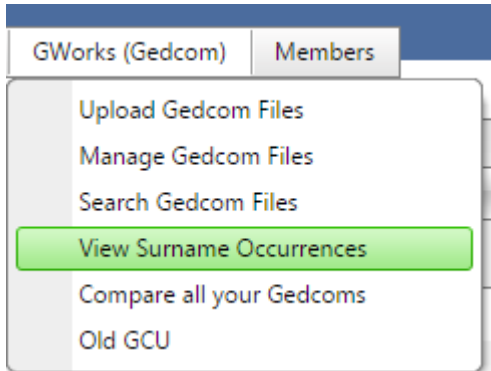
This file lists the Surnames , how many files the surname appears in and how many individuals have this surname. This file only displays on the screen and is hundreds of pages long.

If you want to see how many Woods there are and in what files then click on the check mark in the green area to the left to expand the list.

This is a sample output below.

File Name	Given Name	Sex	Birth Date	Death Date
CJ Butler_CJ Butler_ANC	Abigail	U	1672	
CJ Butler_CJ Butler_ANC	Abigail	U	1672	
leslienussman1_leslienussman1_ANC	Adam	U		
leslienussman1_leslienussman1_ANC	Adam	U		
cjwarne_cjwarne_ANC	Adam E.	U	1820	1863
cjwarne_cjwarne_ANC	Adam E.	U	1820	1863
okieih99_okieih99_ANC	Agnes	U	1735	1774
okieih99_okieih99_ANC	Agnes	U	1735	1774
rasonnier_L. S._ANC	Agnes Alda	U	1846	1927
rasonnier_L. S._ANC	Agnes Alda	U	1846	1927
Mr. Christopher Robert Knight	Ahijah	M	1744	11 APR 1828
cjwarne_cjwarne_ANC	Alexander	U		
cjwarne_cjwarne_ANC	Alexander	U		
darlenemarie2006_D. N._ANC	Alice	U	1856	1937
darlenemarie2006_D. N._ANC	Alice	U	1856	1937

Include Ancestry Data

To include the Ancestry Data from the two files downloaded from the Ancestry DNA Helper Chrome Extension go to DNA Kits tab and browse to identify the files you downloaded. These must be the original .csv files that the tool created.
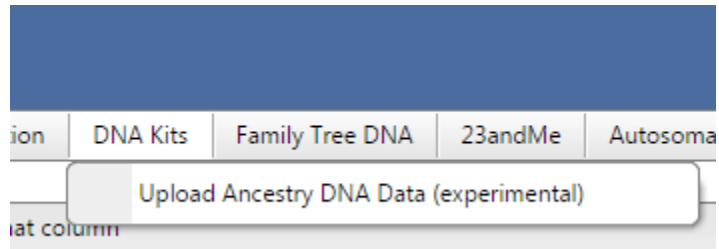
LOAD ANCESTRY

This allows you to upload the AncestryDNA™ Match and Ancestors files generated out of the Google Chrome AncestryDNA Helper tool created by Jeff Snavely.

The first file is your "Matches For " file. The second one is "Ancestors for Matches of " file.

After you enter each file, wait for the progress bar to complete indicating that the file has been uploaded. You should then click the Load the files" button to complete the initial load.

After Clickiing Load the Files, Click Process the data, which will push the Ancestry data into the GWorks system. You can then use GWorks to compare your information.

Select your AncestryDNA Helper "Matches for " File here

[ ] Select

Select your AncestryDNA Helper "Ancestors for " File here

[ ] Select

Load the files - After selecting the files above, click this button to load the file.

Process the data - After loading the files by pushing the button above, click this button to process the data.

The process is to <u>Select</u> the files, <u>Load</u> the Files and then <u>Process</u> the data.

This adds the data to the same database as your gedcoms, allowing you to do all the reports on the combined data.
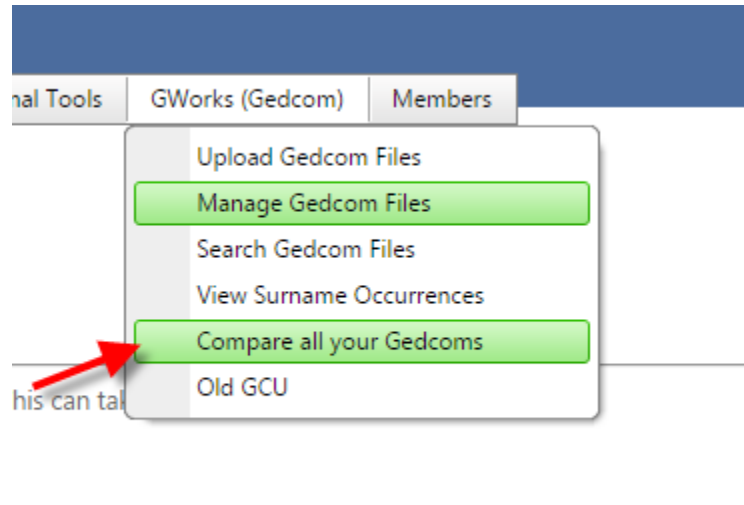
Compare All of Your Gedcoms

Warning :You must redo the match function on Manage Gedcoms after any changes to gedcom information

Warning: Also you must run Match before you run Compare Gedcoms

Last for now is the option to Compare All of Your Gedcoms

This only appears on the screen. You cannot get a list file.

Drag a column header and drop it here to group by that column

Compare Level	Surname	Given Name	Sex	Birth Date	Death Date	Files
Exact	Boone	Squire		1696-01-01	1765-01-01	18
Exact	Lorentz	Johannes		1666-01-01	1745-01-01	16
Exact	Morgan	Sarah		1700-01-01	1777-01-01	16
Exact	Stovall	Bartholomew		1665-01-01	1721-01-01	15
Exact	Lane	Samuel		1700-01-01	1779-01-01	13
Exact	Edgerton	Thomas		1735-01-01	1794-01-01	12

This says for example that Squire Boone appears in 18 files.

To get detail click on the > mark in the green area

File Name	Surname	Given Name	Sex	Birth Date	Birth Place	Death Date
davis822_davis822_ANC	Boone	Squire	U	1696		1765
serenaud_serenaud_ANC	Boone	Squire	U	1696		1765
Kenneth Glass_Kenneth Glass_ANC	Boone	Squire	U	1696		1765
GradyDaniel_GradyDaniel_ANC	Boone	Squire	U	1696		1765
eswiftjr_eswiftjr_ANC	Boone	Squire	U	1696		1765
kcwoman70_kcwoman70_ANC	Boone	Squire	U	1696		1765
ireneglilly_ireneglilly_ANC	Boone	Squire	U	1696		1765
James R Watkins Jr_James R Watkins Jr_ANC	Boone	Squire	U	1696		1765
dledenham_dledenham_ANC	Boone	Squire	U	1696		1765
davis822_davis822_ANC	Boone	Squire	U	1696		1765
				1696		1765

You can expand the whole list at once. By clicking on Expand All at the top of the list or Collapse All after you have expanded.

Collapse All   Expand All
Drag a column header and dr

Below is an example of the expanded data.

File Name	Surname	Given Name	Sex	Birth Date	Birth Place	Death Date	
eswiftjr eswiftjr ANC	Boone	Squire	U	1696		1765	
kcwoman70 kcwoman70 ANC	Boone	Squire	U	1696		1765	
ireneglilly ireneglilly ANC	Boone	Squire	U	1696		1765	
James R Watkins Jr James R Watkins Jr ANC	Boone	Squire	U	1696		1765	
dledenham dledenham ANC	Boone	Squire	U	1696		1765	

	Compare Level	Surname	Given Name	Sex	Birth Date	Death Date	Count
⌄	Exact	Lorentz	Johannes		1666-01-01	1745-01-01	16

File Name	Surname	Given Name	Sex	Birth Date	Birth Place	Death Date	Deat
strongraven4u strongraven4u ANC	Lorentz	Johannes	U	1666		1745	
takclady takclady ANC	LORENTZ	Johannes	U	1666		1745	
N Beener N Beener ANC	Lorentz	Johannes	U	1666		1745	
N Beener J. B. ANC	Lorentz	Johannes	U	1666		1745	
N Beener R. F. ANC	Lorentz	Johannes	U	1666		1745	
georgebmartin2 georgebmartin2 A Lorentz		Johannes	U	1666		1745	

It can be more useful to use this to examine a particular surname or place

Enter your parameters in the Search spaces at the top.

Collapse All Expand All

Drag a column header and drop it here to group by that column

	Compare Level	Surname	Given Name	Sex	Birth Date	Death Date	Files
	Exact	swingle					
>	Exact	Swingle	John S.		1784-01-01	1853-01-01	5
>	Exact	Swingle	John Shaffer		1763-01-01	1831-01-01	5
>	Exact	Swingle	Mary Ann		1787-01-01	1839-01-01	5
>	Exact	Swingle	Samuel		1815-01-01	1881-01-01	5
>	Exact	Swingle	Charles Franklin		1868-01-01	1906-01-01	4
>	Exact	Swingle	Dora Margery		1892-01-01	1978-01-01	4
>	Exact	Swingle	Elizabeth Morilla		1760-01-01	1820-01-01	4
>	Exact	Swingle	Johann "Hans" Ulrich		1732-01-01	1809-01-01	4
>	Exact	Swingle	Russel		1843-01-01	1909-01-01	4

These are matches for the Swingles. There are 5 John S Swingles born in 1784

More info and credits for this tool

There is a companion document to this one. It describes how to us the output in your searches.

The document is "Using Gworks to Identify Your Birth Family" and can be found on http://dnaadoption.com under the How-To tab.

Thanks to Rob Warthen, James Kelly, Philip Wachtel and Don Worth to contributing time to the Gworks tool.