

Stephen Cox DNA Research Report

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Objective

The objective of this research project is to test the hypothesis that Stephen Cox is the biological father of Lydia Annie Cox (Annie) through autosomal DNA and documentary evidence. Stephen Cox was born about 1814 in Ohio and died after 1881, probably in Texas. He married Elizabeth Dowell in Ray County, Missouri, in 1836. Annie Cox was born in 1857 in Iowa and died in 1933 in Durant, Oklahoma. She married William Reffel Lunn in Montague County, Texas, in 1885.

LIMITATIONS

- Construction of Lake Texoma during WWII resulted in either the relocation or flooding of many area cemeteries. Although these relocation records have been mentioned as existing none have been found, thus making death and burial information difficult to determine in the area.
- Texas did not require death records until 1903, and the earliest death records available are from 1890. Stephen Cox and his wife probably died before 1890.
- Research was limited to online searches.
- Mostly, autosomal DNA (atDNA) from *AncestryDNA* was used to compare descendants of Stephen Cox so very little DNA triangulation could be evaluated as this site does not provide this information. At this time, no direct second cousins or further descendants have been located at or asked to upload their DNA to other sites such as MyHeritage, FamilyTreeDNA, or Gedmatch.

Results Summary

- Received death certificate for Annie Cox. The record had been indexed poorly and was difficult for the Oklahoma Department of State to locate. However, once found, her father was only listed with the surname of Cox, and the mother was unknown.
- Received death certificate for Annie's youngest sister, Matilda Ethel Cox Unger. The record was indexed properly at OK2Explore. Her father was listed as Wm Cox, born in Texas.
- Examined Grayson County tax, deed, and probate records for evidence of the Stephen Cox family living in the area. Located family in all three records as noted in the results section.
- Researched the General Land Office of Texas for the Cox family and located grants to both Stephen and his recently widowed daughter Mary E Bowe.

- Searched Montague County tax, deed, and probate records as well as local newspapers for evidence of the Stephen Cox family in the area with negative search results.
- Searched vital records, specifically looking at death records, in Grayson, Montague, and all surrounding Texas and Oklahoma counties for the Stephen Cox family with negative search results.
- Searched Wise County tax and deed records for the Stephen Cox and John Tolliver Beatty families. Cox resulted in a negative search. Only a marriage announcement was located in the local paper for John Tolliver to his new wife Elizabeth Spain, after the death of his first wife, Penelope Ellen “Minnie” Cox, the older sister of Annie.
- Obtained two additional test-takers from *AncestryDNA*, both descended from probable siblings of Annie Cox, namely from Penelope Ellen “Minnie” Cox (TT4) and from Matilda Ethel Cox (TT5).
- Created a chart at *LucidChart* diagramming the descendant lines from Stephen and Elizabeth Cox, including a McGuire Chart indicating centimorgans (cM) shared, number of segments, longest segment, and relationship to each test-taker.
- Recorded each atDNA match in an *AirTable* Research Log evaluating the shared cM between each Test-taker and match, ensuring each was within an acceptable range and within 1 standard deviation (SD) of the mean according to the Shared cM Project.
- Analyzed triangulating segments generated from a Cox relevant cluster at *MyHeritage* and a Quaker Cox Surname Project at *Gedmatch*. Found several triangulated segments indicating Cox MRCA. Refer to DNA Research section, page 17.

Background Information

GENEALOGICAL BACKGROUND INFORMATION

The Cox family line has been well-researched. Each year, Brandywine Crucible, Inc., [Brandywine Crucible Cox Database \(rootsweb.com\)](http://rootsweb.com), holds a reunion in Lampasas, Texas. Unfortunately, Annie (Cox) Lunn is only listed as “Liddy” on their online pedigree, and it ends with her and each of her siblings. The last information the organization has posted for the Stephen Cox family is from an 1870 census in Bell County, Texas.

From the 1856 Iowa state census and the 1860 and 1870 federal censuses Annie probably had five brothers and four sisters, as follows:

- James M Cox (abt. 1837 - ?)
- Eliza Jane (1839 - bef. 1892, probably Atoka County, OK)
- Azariah (abt. 1842 - ?)
- Mary Elizabeth (abt. 1845 - 1878/1879, Grayson County, Texas)
- George W (abt. 1847 - ?)
- William J (abt. 1849 - bef. 1893, possibly Livingston County, Missouri)

- Penelope Ellen “Minnie” (abt. 1852 - bef. 1885, probably Wise County, Texas)
- Stephen E (abt. 1855 - ?)
- Matilda Ethel (1862 - 1945, Sayre, Beckham County, Oklahoma)

A brief summary of life events for Stephen and Annie is shown in Table 1 below.

Table 1 Correlation of life events between Stephen and Annie Cox

DATE	EVENT	LOCALITY	DETAILS and ANALYSIS
1813, 1814, 1816	Birth of Stephen Cox ^a	Ohio	U.S. Federal census records for Stephen Cox from 1820-1840 place his birth between 1811 and 1820. From 1850 to 1870 his years of birth are listed as 1816, 1813 and 1813.
1836	Marriage of Stephen Cox and Elizabeth Dowel ^b	Ray County, Missouri	Stephen was married on 29 May 1836 by Seburn Miller, J.P. Of note, his father Solomon Cox married Temperance Hendrick here in 1831 (by Joseph H Ball, J.P.), and Solomon Benjamin Cox, the son of Stephen's older half-brother Joseph, married Polly Lile here in 1831, also by Seburn Miller.
1840	Census ^c	Chilicothe, Livingston County, Missouri	1 male (20-29) Stephen, 1 female (20-29) Elizabeth, 1 male (under 5) James, 1 female (under 5) Eliza Jane, 1 male (10-14)? another relative? or hired hand? Stephen is listed next to his brother Solomon. Also of note his father Solomon, Senior is listed on the same page a few rows down living only with his wife.
1850	Census ^d	Bedford, Grand River County, Missouri	Stephen is living with his wife and children. His older half-brother Joseph is living in the same community noted on an earlier page and next to his older children and their families.
1856	Census ^e	West Liberty (Glenwood), Mills County, Iowa	Stephen and his wife and seven children are noted as having lived in the area for 1 year. Their youngest son, Stephen, Jr., is 1 and was born in Ohio. His younger brother Solomon is noted as living in the area with his wife and children for 5 years, his youngest daughter was also born in Iowa.
1857	Birth of Lydia Annie (Annie) Cox ^f	Iowa	Annie's birth was noted fairly consistently. First as Aug 1857, on the 1900 census. 1910, 1920, and 1930 censuses as 1857, 1878 (perhaps meant as 1858), and 1859, respectively. Her death certificate implies 1857 from her age at death, and her headstone also states 1857.
1860	Census ^g	Bedford, Grand River County, Missouri	Stephen is living with his wife Elizabeth and eight children. This is the first census “Liddy,” age 3, born in Iowa, is named. They are listed next to his oldest daughter Eliza, her husband Elijah, and their three young children.
1870	Census ^h	Belton, Bell	Steven Cox is living with Elizabeth and his five youngest

		County, Texas	children, including "Liddy," age 15, born in Iowa. His daughter Eliza Simpson is also living here with her family. The family is, surrounded by five related Cox households on the previous and subsequent pages, her half 1 st cousins, children of Joseph Cox, included.
1885	Marriage of Annie Cox and W. R. Lunn ⁱ	Montague County, Texas	Married 14 Jun 1885, J. T. Stallings, J. P. officiating. The marriage was announced in a Dallas, Texas, newspaper on the 25 Jun 1885.
1933	Death of Annie Cox ^j	Durant, Bryan County, Oklahoma	Annie died in her home at 611 East Mississippi Ave. Her daughter Elizabeth Johnson the informant.

^a 1820 U.S. Census, Hocking County, Ohio, Eagle Township, population schedule, p. 124 (implied) line 5, Solomon Cox household. 1830 U.S. Census, Ray County, Missouri, no township stated, population schedule, p.394 (penned), line 5, Solomon Cox household.

^b "Marriage records, 1820-1850, and will records, 1824-1849, of Ray County, Missouri" database with images, *Ancestry* (<https://www.ancestry.com/> : accessed 20 Mar 2023), Stephen Cox and Elizabeth Dowell, 29 May 1836; citing Ellsberry, Elizabeth Prather, *Marriage records, 1820-1850, and will records, 1824-1849, of Ray County, Missouri*, Chillicothe, Mo.: unknown, 1959, p 15.

^c 1840 U.S. Census, Livingston County, Missouri, population schedule, Chillicothe Township, p. 272 (implied), line 9, Solomon Cox household; digital image, *Ancestry* (<http://www.ancestry.com> : accessed 25 Feb 2023); citing NARA microfilm publication M704, roll 224

^d 1850 U.S. Census, Livingston County, Missouri, population schedule, 51st District, p. 113 (penned), p. 57 (stamped), dwelling 180, family 181, Stephen Cox household; digital image, *Ancestry* (<http://www.ancestry.com> : accessed 25 Feb 2023); citing NARA microfilm publication M432, roll 405.

^e "Iowa, U.S., State Census Collection, 1836-1925," 1856, West Liberty (Glenwood), Mills County, Iowa, population schedule, sheet 394-395 (stamped), dwelling 20, family 19, Stephen Cox household; digital image, *Ancestry* (Iowa, U.S., State Census Collection, 1836-1925 - Ancestry.com: accessed 17 Feb 2023); citing Microfilm of Iowa State Censuses obtained in the State Historical Society of Iowa via Heritage Quest.

^f Oklahoma State Board of Health - Bureau of Vital Statistics, Certificate of Death: Lyda Annie Lunn, 30 January 1933, Document 393, Durant, Oklahoma.

^g 1860 U.S. Census, Livingston County, Missouri, population schedule, Grand River city (Bedford Post Office), page 9 (penned), dwelling 57, family 54, Stephen Cox household; digital image, *Ancestry* (<https://www.ancestry.com>: accessed 25 Feb 2023); citing NARA microfilm publication M653, roll 630.

^h 1870 U.S. Census, Bell County, Texas, population schedule, Beat No. 5, Belton post office, p. 18 (penned), dwelling 116, family 116, Steven Cox household; digital image, *Ancestry* (<https://www.ancestry.com> : accessed 25 Feb 2023); citing NARA microfilm publication Roll: M593, Roll 1575.

ⁱ "Texas, County Marriage Index, 1837-1977," database with images, *FamilySearch* (<https://familysearch.org/ark:/61903/1:1:OK8B-6J7N> : 22 December 2016), W. R. Lunn and Annie Cox, 14 Jun 1885; citing, Montague, Texas, United States, county courthouses, Texas; FHL microfilm 1,024,888. "W R Lunn marriage to Anna Cox," announcement, *The Dallas Weekly Herald* (Dallas, Texas), 25 Jun 1885, P. 7, photocopy from Newspapers.com, accessed 2/18/2023

^j Oklahoma State Board of Health, Bureau of Vital Statistics, 1933 death certificate, cert. No 393, Lyd(i)a Annie Lun (30 January 1933); Bryan County Health Dept., Durant, Oklahoma.

DNA BACKGROUND INFORMATION

Most of the DNA analysis in this report will be using autosomal DNA (atDNA) collected at *dna.ancestry.com*. Autosomal DNA refers to the chromosome pairs we inherited from our parents, one from the mother, and one from the father. They are numbered 1 - 22, in descending size. The sex chromosomes, x, and y (males only) are usually referred to as chromosome 23.¹ The DNA shared between matches is then reported using the amount of the shared segment(s) measured in centimorgans (cM) and the number of shared segments within the chromosomes. Generally, the higher the cM and the number of segments, the closer the relationship.²

Blaine Bettinger has evaluated 60,000 submissions to evaluate the ranges of shared cM between various known relationships.³ Johnny Pearl then used this “crowd-sourced” information and created The Shared cM Project 4.0 tool v4 at *dnapainter.com*, and added Leah Larkin’s probabilities to further evaluate the likelihood of these matches.⁴

Test-taker 1 (TT1) is the biological great-granddaughter of Annie Cox. She will be the main test-taker for this report. Her DNA was tested at *AncestryDNA* and then transferred to *MyHeritage*, *FamilyTreeDNA*, and *Gedmatch*. As shown in Figure 1 below, TT1’s relationship to her maternal grandfather A Z Lunn, Sr. is confirmed through a match to her full maternal first cousin (1C), known here as Test-taker 3 (TT3) sharing 866 cM across 32 segments. TT1’s relationship to her great-grandmother Annie Cox is confirmed through shared matches at the second cousin once removed (2C1R) level to a Myrtle female descendant sharing 138 cM across 7 segments, and to an Ethel female descendant sharing 77 cM across 5 segments. No living descendants or atDNA matches from Lydia’s two eldest children, Clara Mae and Mary Elizabeth Lunn, are currently known.

¹ “Autosomal DNA testing comparison chart,” rev. 17:34, 21 March 2023, *International Society of Genetic Genealogy (ISOGG) Wiki*, (https://isogg.org/wiki/Autosomal_DNA_testing_comparison_chart).

² Diana Elder, Nicole Dyer, and Robin Wirthlin, *Research Like a Pro with DNA*, (Highland, Utah: Family Locket Books, 2021), 2, 3.

³ “Version 4.0! March 2020 Update to the Shared cM Project!” 27 March 2020, *The Genetic Genealogist* (<https://thegeneticgenealogist.com/2020/03/27/version-4-0-march-2020-update-to-the-shared-cm-project/>)

⁴ Diana Elder, Nicole Dyer, and Robin Wirthlin, *Research Like a Pro with DNA*, (Highland, Utah: Family Locket Books, 2021), 25; Jonny Perl, “Introducing the Updated Shared cM Tool,” 27 March 2020, *DNA Painter* (<https://dnapainter.com/blog/introducing-the-updated-shared-cm-tool/>).

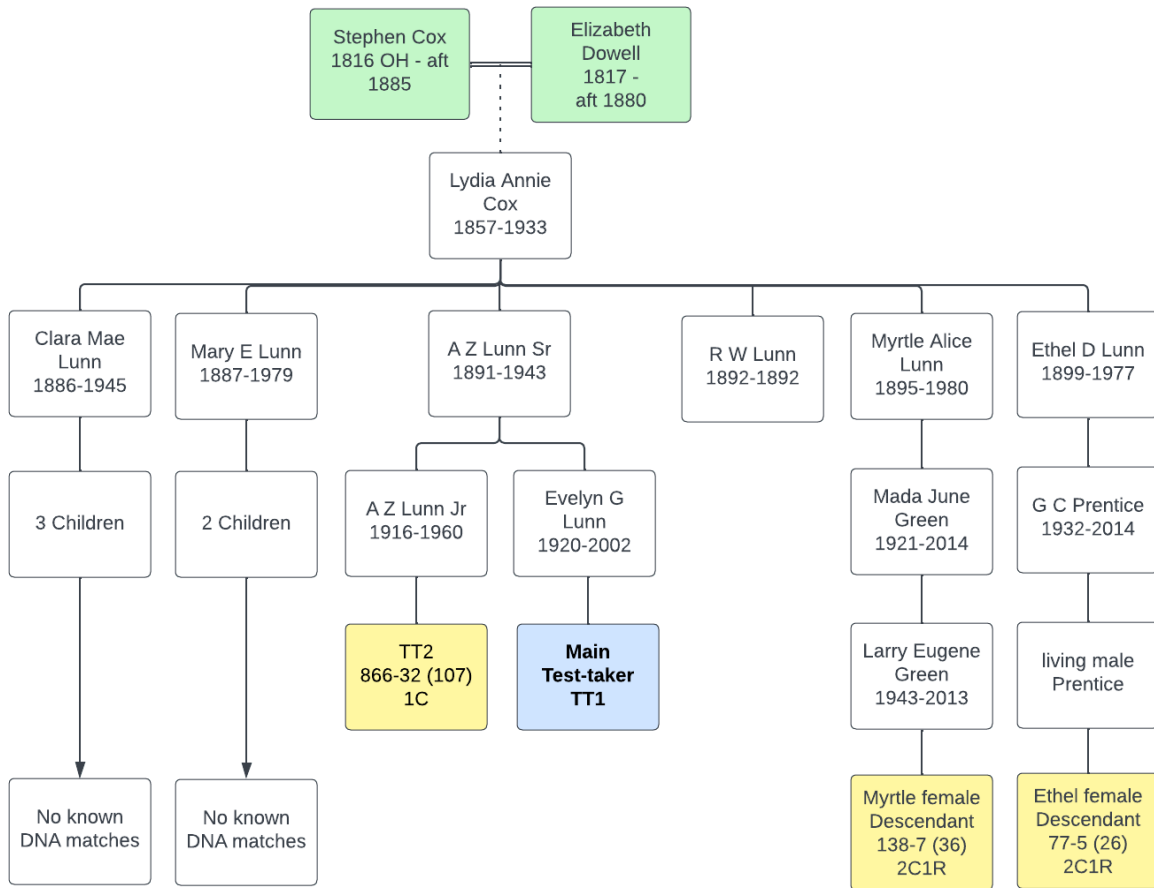


Figure 1 DNA Confirmation of Main Test-taker (TT1)⁵

Furthermore, *AncestryDNA's* ThruLines suggests 79 DNA matches through Stephen Cox.⁶ There are even more atDNA matches at this website whose pedigrees descend from Stephen Cox and have been evaluated and recorded in the research log but do not currently show up on ThruLines.⁷ Some will be included in this report.

⁵ Renee Plante, "DNA Confirmation of Main Test-taker Private," digital diagram created with *Lucidchart* (<https://lucidchart.com> : generated 10 Feb 2023), DNA matches from *AncestryDNA* (<https://Ancestry.com> : accessed 9 Feb 2023), *Ancestry.com*, privately held files of Renee Plante, Plano, Texas.

⁶ "ThruLines for Stephen Cox," Private, *AncestryDNA*, (<https://www.ancestry.com> : viewed 10 Jun 2023), 79 DNA matches between 7 and 3,483 cM.

⁷ "RLP with DNA 2023 - Stephen Cox," Cox DNA Matches sheet, *Airtable* (<https://airtable.com>: accessed 10 Jun 2023), template created by Nicole Elder at *FamilyLocket.com*.

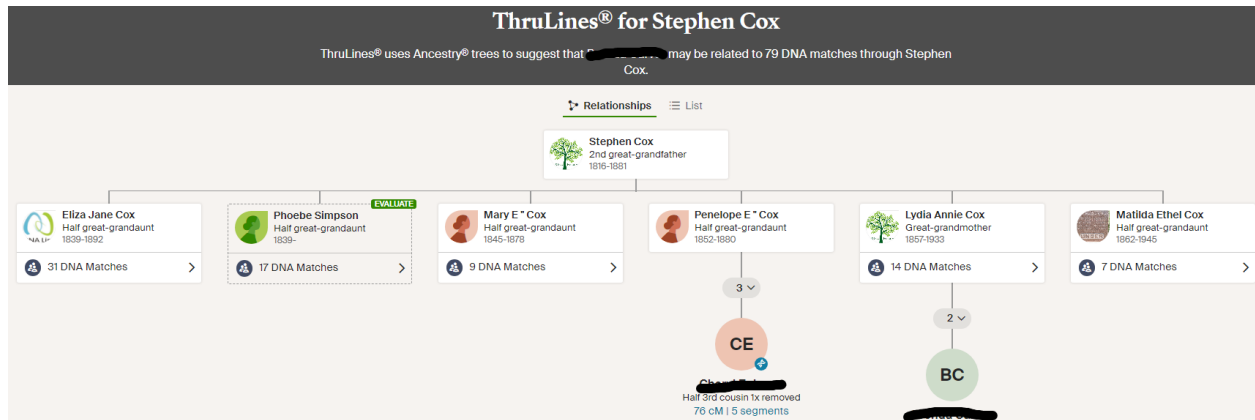


Figure 2 ThruLines for Stephen Cox for the Main Test-taker (TT1)

Findings

STEPHEN COX IN GRAYSON COUNTY

At the beginning of this project not much was known about the Cox family during the fifteen-year gap between the 1870 census in Belton, Texas, and Annie's 1885 marriage in Montague County, Texas. Two daughters of Stephen, however, were noted as married in Grayson County, Texas, namely:

- Penelope Ellen "Minnie" in 1874, to John Tolliver Beaty,⁸ and
- Matilda Ethel in 1879, to Jacob Lewis Unger⁹

Grayson County is located on the border of Texas and Oklahoma, bounded by the Red River to the north, Collin county to the south, and Cooke and Fannin counties to the west and east, respectively. The county was created in 1846 from Fannin and named for Peter W Grayson, an attorney general of the Republic of Texas. The county grew slowly in its early years, but "flourished" from 1870 to 1880 due to the "arrival of the Houston and Texas Central Railroad in Sherman and the Missouri, Kansas and Texas in Denison in late 1872," more than doubling the population in that time. Of particular note is the number of "farms increased 460 percent in the same time," and numerous towns were created, including Pottsboro, where Stephen and his family settled. By 1876 "Sherman had five flour mills and the largest grain elevator north of Dallas," and the rails enabled easy distribution of the farm produce.¹⁰ Below is an 1880 map

⁸ "Texas, Select County Marriage Records, 1837-2015," database, Ancestry (<http://www.ancestry.com> : accessed 28 Feb 2023); entry for Beaty-Cox, 3 Sep 1874; citing, Grayson County Clerk's Office; Sherman, Texas; Grayson County Marriage Records, pg. 322, [Microfilm Image 29131].

⁹ "Texas, Select County Marriage Records, 1837-2015," database, Ancestry (<http://www.ancestry.com> : accessed 28 Feb 2023); entry for Unger-Cox, 8 Jan 1879; citing, Grayson County Clerk's Office; Sherman, Texas; Grayson County Marriage Records, pg. 293, [Microfilm Image 11116].

¹⁰ Texas State Historical Association, "Grayson County," ([Grayson County History](http://www.tsha.org) : accessed 2 May 2023).

indicating the county's proximity to the region. Note that Montague County, where Annie married, is located two counties to the west.



Figure 3 1880 Partial County Map of Texas showing County Seats¹¹

While censuses provide a residence every ten years, county taxes were usually assessed annually. The taxing jurisdiction, usually at the county level in Texas, kept lists identifying residents paying both property (real and personal) and poll taxes. Tax lists in genealogical research “can help establish ages, residences, relationships, and the year an individual died or left the area.”¹²

An extensive search of tax records in Grayson County from 1871 through 1883 found Stephen, two of his sons, George W and William J, and two sons-in-law, J T Beaty and James Bowe. James Bowe married Stephen’s daughter Mary Elizabeth in Livingston County, Missouri in 1869.¹³ The couple was enumerated in the 1870 census in Medicine, Livingston County, Missouri, just before migrating to Texas.

These records provide direct evidence that Stephen and his extended family were living in the area during the missing years. Both Stephen and his daughter Mary are listed as owning land in 1876 and 1877. Mapping these parcels on the Grayson County Appraisal District interactive map shows this land to be just to the north of Pottsboro, in present-day Denison.¹⁴ All precincts indicated in the tax records include the Pottsboro area, although the precincts appear to have been renamed over the years. Because Mary’s husband had died on 25 July 1875, the tax and

¹¹ *County map of the state of Texas* (Philadelphia: S. Augustus Mitchell, 1880); digital image, David Rumsey Map Collection ([County map of the state of Texas](https://www.davidrumsey.com/county-map-of-the-state-of-texas) : accessed 1 May 2023).

¹² *Family Locket*, "Back to the Basics with Tax Records: Part 1," (<https://familyloket.com/back-to-the-basics-with-tax-records-part-1/> : accessed 3 Jun 2023)

¹³ "Missouri, U.S., Marriage Records, 1805-2002," Record Images for Livingston, 1837-1902 database, Ancestry (<http://www.ancestry.com> : accessed 28 Feb 2023); entry for Bow-Cox, 26 Sep 1869; citing, Missouri State Archives; Jefferson City, MO, USA; Missouri Marriage Records, pg. 105 [Microfilm Image 429].

¹⁴ Grayson Central Appraisal District, "Interactive Map," Abstracts 181 and 299, ([Interactive Map – Grayson CAD – Official Site](https://www.graysoncad.com/interactive-map)) : accessed 27 Feb 2023)

land records were listed in her name after that year. The following table is a summary of these findings.

Table 2 Grayson County, Texas, Tax Summary for Stephen Cox and Family

TEXAS, GRAYSON COUNTY, TAX ROLLS				
YEAR	INDIVIDUAL (presumed age) / PRECINCT / STATUS: Head (listed in record), <i>Dependent</i> (implied), NIL (not found in record)	PROPERTY \$ Real / \$Personal	POLL TAX Sgl / Dbl / NIL	
1871	NIL Search for Beaty, Bowe, and Cox, Stephen, GW, and WJ			
1872	Stephen Cox (58), Pct 1 - head <i>G W Cox (25) - dependent</i> <i>Stephen Cox, Jr. (18) - dependent</i>	\$0 / \$406	Double	
	Wm Cox, Pct 1, head	\$0 / \$0	Single	
	Beaty - NIL			
	Bowe - NIL			
1873	Stephen Cox (59), Pct 1 – head <i>Stephen Cox, Jr. (19) - dependent</i>	\$0 / \$287	Single	
	W J Cox (24), Pct 1 – head	\$0 / \$0	Single	
	G W Cox - NIL			
	James Bow (59), Pct 1 – head	\$0 / \$160	Single	
1874	Stephen Cox (60), Pct 1 – head <i>Stephen Cox (20) - dependent</i>	\$0 / \$471	Single	
	Wm Cox (25), Pct 1 - head	\$0 / \$10	Single	
	Geo W Cox (27), Pct 1 – head	\$0 / \$0	Single	
	James Bowe (60), Pct 1 – head	\$0 / \$300	Single	
1875	Stephen Cox (61), Pct 1 – head	\$0 / \$250	NIL	
	W J Cox (26), Pct 1 – head	\$0 / \$0	Single	
	G W Cox (28), Pct 1 – head	\$0 / \$0	Single	
	James Bowe (61), Pct 1 – head <i>Stephen Cox, Jr. (21) – Dependent?</i>	\$0 / \$200	Single	
	J T Beaty (25), Pct 1 – head	\$0 / \$20	Single	
1876	Stephen Cox (62), Pct 1 – head <i>Stephen Cox, Jr. (22), Pct 1 - dependent</i>	\$300 / \$200	Single	
	W J Cox (27), Pct 1 – head	\$0 / \$0	Single	
	G W Cox (29) - NIL			
	Mary E Bowe (30), Pct 1 – head ToI Beaty (26), Pct 1 – head	\$250 / \$150 \$0 / \$100	Nil Single	
1877	Stephen Cox (63), Pct ? – head Wm J Cox (28), Pct ? – head G W Cox (30) - NIL Mary E Bowe (31), Pct ? – head J. T. Beaty (27), Pct ? – head	\$250 / \$240 \$0 / \$0 \$160 / \$20 \$0 / \$0	Nil Single Nil Single	
	1878	Tax Records Missing		
	1879	Tax Records Missing		
	1880	Partial Tax Records Missing, Begins with the “Ps” in Pct 2.		
		W J Cox, Pct. 2 “Supplemental” – head (possibly him) Was Stephen, others, on the missing pages?)	\$0 / \$0	Single
1881	S (67) & W J (32) Cox, Pct Denison No. 2 – head	\$0 / \$505	Single	
	Beaty - NIL Bowe - NIL			
1882	W J Cox (33), Pct Denison No. 2 – head	\$0 / \$430	Single	
	Cox, Stephen & G W – NIL			
	Beaty – NIL			
	Bowe – NIL			
1883 >	Cox, Beaty, Bowe – NIL			

When Texas entered the union in 1845 they were the only state to retain its public lands, other than the original thirteen colonies. They also retained their debt of \$10,000,000 and needed to sell land in order to pay this debt.¹⁵ From 1838 until 1876, the Texas Constitution set aside public lands in Texas to sell in order to support both public universities and "eleemosynary schools," or asylums supporting the "lunatic," the "deaf and dumb," and the "blind."¹⁶ A search of the General Land Office (GLO) of Texas Land Grants resulted in two grants, one to Stephen and another to Mary. They both applied for land grants on the same day, 20 November 1875.¹⁷ Stephen purchased 80 acres, and Mary another 80 acres, both in the University and Asylum Lands Districts (UL). Mary's land was just to the north of Stephen, separated by one tract of land. Of particular note in these documents is that Stephen's wife Elizabeth is listed as a co-seller when they sold this land in 1878.¹⁸ Mary had remarried to Seaborn Augustus (S A) Perdue by 8 Dec 1877,¹⁹ so when she sold her land on 11 June 1878, she is listed as "Mary E Perdue, late Mary E Bowe" and her husband S A Perdu is included.²⁰ All parties, Stephen and his wife, and Mary and her new husband S A, personally appeared before a notary public, indicating that all were alive at this time.

Figure 4 below indicates the locations of Stephen's and Mary's land. Note the bodies of water to the northeast and northwest, which are parts of the current-day Lake Texoma, then a much narrower Red River. Also of note, while the location has been annexed into a non-contiguous portion of Denison, Texas, it is located closer to Pottsboro. And finally, Stephen and Mary only owned this land for two or three years and may have purchased it for purely speculative reasons. It may not be where they actually lived.

¹⁵ General Land Office of Texas, "History of Texas Public Lands," ([Texas General Land Office History](#) : accessed 2 May 2023), page 15, "Statehood."

¹⁶ *Ibid*, page 18

¹⁷ *Sales of the University Lands*, Texas General Land Office Holdings, Austin, File No. 486, originally recorded pg. 232, 3 February 1876; Obligation of Mary E Bowe, Grayson County, Abstract No. 181, 20 Nov 1875; physical copy held by Renee Plante, Plano, Texas.

Sales of the University Lands, Texas General Land Office Holdings, Austin, File No. 487, originally recorded pg. 178, 19 January 1876; Obligation of Stephen Cox, Grayson County, Abstract No. 299, 20 Nov 1875; physical copy held by Renee Plante, Plano, Texas.

¹⁸ *Grayson County University Land*, Texas General Land Office Holdings, Austin, File No. 487, recorded Vol. 40, pg. 383, 16 April 1878; Warranty Deed from Stephen Cox and wife to Carey Lasher, Grayson County, Abstract No. 299, 8 April 1878; physical copy held by Renee Plante, Plano, Texas.

¹⁹ "Texas, County Marriage Index, 1837-1977," database with images, *FamilySearch* (<https://familysearch.org/ark:/61903/1:1:QK8T-F7SC> : accessed 6 March 2023), S. A. Perdue and Mary E. Bow, 05 Dec 1877; citing Grayson, Texas, United States, county courthouses, Texas; FHL microfilm 1,290,412.

²⁰ *Grayson County University Land*, Texas General Land Office Holdings, Austin, File No. 486, recorded Book 41 of Conveyances, pg. 4, 12 June 1878; Warranty Deed from Mary E Perdue & husband to Alfred McCormack, Grayson County, Abstract No. 181, 11 June 1878; physical copy held by Renee Plante, Plano, Texas.

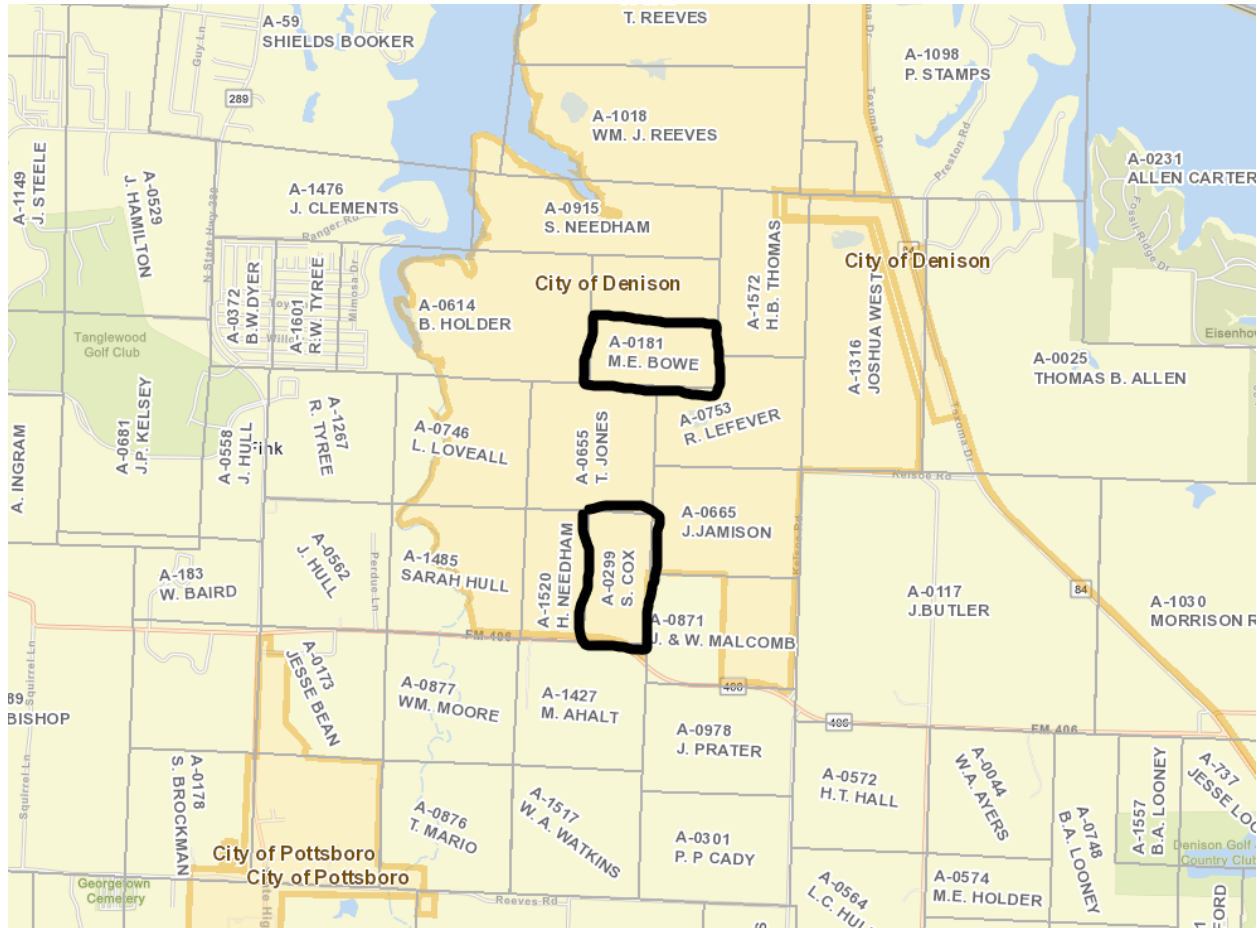


Figure 4 Stephen Cox and Mary E Bowe Original Grantee Abstracts²¹

Now that the family had been firmly established in the Grayson County area, a search of the 1880 census in this area was performed. No Stephen Cox was found in these records. However, searching for his approximate age and his place of birth did produce a result. The record is summarized below. Many of the given names are incorrect. Stephen is "Silas," Elizabeth "Emma," and daughter Annie is "Lucy." Fortunately, their recently orphaned grandchildren (their mother Mary Elizabeth having recently died) are living with them, noted with the correct surnames. This is the record that led to the discovery that Mary Elizabeth had remarried S A Perdue and that she had a third child, noted in this census as "W F Perdeaux," and later referred to as "Mrs. Meta Perdu" in a Livingston County history entry for her brother Charles.²² Also of note is the Bakers

²¹ Grayson Central Appraisal District, "Interactive Map," Abstracts 181 and 299, ([Interactive Map – Grayson CAD – Official Site](#)) : accessed 27 Feb 2023)

²² Roof, Albert J., "Charles E. Bowe," *Past and Present of Livingston County, Missouri: A Record of Settlement, Organization, Progress and Achievement*, (United States: S. J. Clarke Publishing Company, 1913), 323-324; [Google Books \(Past and Present of Livingston County, Missouri - Google Books](#) : accessed 4 Mar 2023).

living in the same household. A quick search of this family found no familial relationship. Perhaps Stephen needed help to operate the farm.²³

Although "Precinct 8" is designated on this census, rather than Precinct 1 or 2 in the tax records, the precinct designations must have changed since the 1870 census and early 1870 tax records. A nearby neighbor, William Campbell, is also listed as living in Precinct 8, owning the same land he had owned in the tax records where Stephen was found.²⁴ In the tax records of 1872, Wm Campbell is listed on the same page, just below Stephen Cox, owning three tracts of land, each adjacent to the other, and to the SSE of Pottsboro. William Campbell is also on the 1870 census in precinct 1, Sherman post office, living with his presumable wife and two children.²⁵ The Campbells still own one of these tracts today, as found on the Grayson County Appraisal district website.²⁶ This is evidence of the general location of the noted precincts in Grayson County, which included the Pottsboro area, thus providing a general location for Stephen and his family.

ED	dwelling	family	name	sex	age	relationship	occupation	citizenship	place of birth	place of birth	place of birth
1	148	148	Cox, Silas	M	64	Head	Farmer	Ohio	Ohio	Ohio	
			— Emma	F	60	Wife	Keeps house	Tennessee	N.C.	N.C.	
			— Lucy	F	27	Son	Farmer	Missouri	Ohio	Tenn	
			— Walter	M	10	4 th Son	Keeps house	Tenn	Ohio	Tenn	
			— Chal	M	7	4 th Son	at School	Missouri	Ohio	Tenn	
			— Hideaux, W. F.	M	1	4 th Son	at School	Texas	Ohio	Tenn	
			Baker, A. W.	M	48	Head	Farmer	Texas	Geo.	Geo.	
			— Nanny	F	47	Wife	Keeps house	Virginia	Geo.	Tenn	
			— Louisa	F	19	Daughter	at home	Kentucky	N.C.	Tenn	
			— Jane B.	F	10	Daughter	at School	Arkansas	Miss.	Ky	
			— Portash	M	9	Son	at School	Texas	Miss.	Ky	

Figure 5 1880 Grayson County, Texas, Federal Census for the Stephen Cox household

²³ Renee Plante, "Carver Family Tree," public member tree, Alfred W Baker (1836-1906, [Ancestry \(Pedigree View - Ancestry.com\)](https://www.ancestry.com) : accessed 3 Mar 2023), Associate of Stephen Cox

²⁴ 1880 U.S. Census, Grayson County, Texas, population schedule, precinct 8, enumeration district (ED) 016, sheet 17 (penned), dwelling 148, family 148, Wm Campbell household; digital image, [Ancestry, \(http://www.ancestry.com\)](https://www.ancestry.com) : accessed 1 Mar 2023); citing NARA microfilm publication T9, roll 1307.

²⁵ 1870 U.S. Census, Grayson County, Texas, population schedule, Precinct No. 1, Sherman post office, p. ?(penned), dwelling ?, family ?, W. Campbell household; digital image, [Ancestry \(https://www.ancestry.com\)](https://www.ancestry.com) : accessed 22 Apr 2023); citing NARA microfilm publication Roll: M593, Roll 1575.

²⁶ Grayson County Appraisal District, Property Search, (<http://esearch.graysonappraisal.org/Property/View/111951> : accessed 22 Apr 2023), Property ID 111951, Abs. 52.

Table 3 1880 Census for the Stephen Cox family, with the Bakers

Locality		1880, Precinct 8, Grayson County, Texas							
ED, Sheet, Line		Supervisor's Dist. No. 3, Enumeration Dist. No. 16, Page 34, by John L. V. Thomas, lines 19 - 30							
Enumeration Date		16 th and 17 th days of June, 1880							
Location		Name	Description		Relationship	Occupation	Birth Place		
House	Family		Sex	Age			Self	Fath	Moth
319	319	Cox, Silas	M	66	(head)	Farmer	Ohio	Ohio	Ohio
		(Cox,) Emma (noted as sick with "Biliary fever")	F	60	Wife	Keeps house	TN	NC	NC
		(Cox,) Wm	M	27	Son	Farmer	MO	OH	TN
		(Cox,) Lucy	F	21	Daughter	Keeps house	Iowa	OH	TN
		Bowe, Walter	M	10	G ^d Son	At School	MO	OH	TN
		(Bowe,) Chas.	M	7	G ^d Son	At School	TX	OH	TN
		Perdeaux, W? F.	F	1	G ^d Daughter		TX	GA	GA
		Baker, A. W.	M	43	(head)	Farmer	MS	GA	TN
		(Baker,) Nanny	F	47	Wife	Keeps house	KY	NC	TN
		(Baker,) Louisa	F	19	Daughter	At School	AK	MS	KY
		(Baker,) Jane B	F	10	Daughter	At School	TX	MS	KY
		(Baker,) Borturick	M	9	Son	At School	TX	MS	KY

Table 4 below provides a summary of each census Stephen Cox was enumerated, including the recently discovered 1880 Grayson County, Texas census. All household members are included with ages and birthplaces as provided on each census. The dates of birth are a range calculated from the ages, excluding the 1840 census which did not specify a particular age.

Table 4: 1840-1880 Households of Stephen Cox Summary

Person	Birth Date	Birth Place	1840 Livingston Co, MO	1850 Livingston Co, MO	1856 Mills Co, IA	1860 Livingston Co, MO	1870 Bell Co, TX	1880 Grayson Co, TX
Stephen	1813- 1816	Ohio	male (20-29)	34	42	47	57	66 (Silas)
Elizabeth	1816- 1820	NC, SC, TN	female (20-29)	34	40	44	50	60 (Emma, biliary fvr)

Person	Birth Date	Birth Place	1840 Livingston Co, MO	1850 Livingston Co, MO	1856 Mills Co, IA	1860 Livingston Co, MO	1870 Bell Co, TX	1880 Grayson Co, TX
Unk Male (not child)	1826- 1830		male (10-14)					
James M	1837- 1838	MO	male (under 5)	13	19	22		
Elisa	1839	MO	female (under 5)	11				
Azariah	1842- 1843	MO		7	14	18		
Mary E	1844- 1846	MO		5	12	14		
George W	1846- 1848	MO		3	10	12		
William J	1847- 1853	MO		1	8	10	20	27
Penelope, E. F, Ellen	1852	MO			4	8	18	
Stephen E	1854- 1856	IA			1	4	16	
Liddy A	1857- 1859	IA				3	13	21 (Lucy)
Matilda	1862	MO					8	

NEGATIVE SEARCH FOR STEPHEN COX in Montague County, Texas

Since Annie married in Montague County in 1885, Stephen Cox was searched for in the area. No results were found in the tax records (1878-1882, 1889-1893),²⁷ probate records,²⁸ or the index

²⁷ "Texas, County Tax Rolls, 1837-1910," Montague County, 1878-1882, 1889-1893, database with images, *FamilySearch* ([Montague County Extant Tax Records](#) : accessed 14 April 2023), Cox (Stephen, William J, George W) NIL

²⁸ "Texas Probate Records, 1800-1990," images, *FamilySearch* ([Montague County Probate Records 1873-1884](#) : 2 May 2023), Montague > Probate records 1873-1884 no 1-194 > image 1 of 1575; county courthouses, Texas, Cox (Stephen, William J, George W) NIL

to deed records A-K (1873-1892) including the reverse index.²⁹ In addition to these records, the Montague County local papers were searched with no relevant Cox family results.³⁰

MISSING DEATH RECORDS/LOST CEMETERIES/CONSTRUCTION OF DAM

It is unknown where anyone in Stephen's immediate family died or was laid to rest except for his two youngest daughters Annie and Matilda, who are both buried in Oklahoma after 1930 and his eldest daughter's first husband James Bowe, who died in 1875 and whose headstone is found in Cedar Mills, Texas. Lake Texoma is one of the largest man-made lakes in Texas and was constructed during WWII. From the "period June 1942 to July 1943, 3,000 graves were removed from 49 cemeteries within an area of 186,000 acres which the U.S. government (had) acquired in preparation for the building of Denison Dam and the creation of Lake Texoma." These records were filed in "Oklahoma with the State Board of Health, with the County Courts in Texas and with the board of trustees of the new cemeteries."³¹ These records have not been located but could provide evidence of death for the Cox family.

James Bowe was buried in 1875 "in Pottsboro, TX," according to the entry for his son Charles Bowe in the *History of Livingston County*,³² however, his headstone is located in a cemetery approximately 5 miles to the west, on the other side of a finger of Lake Texoma, in the Cedar Mills Cemetery, a cemetery that wasn't established until 1894.³³ In addition, Grayson County did not require death certificates until 1903, with general compliance beginning in the 1930s. It is possible that Stephen and his wife both died in Grayson County shortly after 1880 and were buried in a cemetery near Pottsboro that has since been relocated to another cemetery or permanently covered with water. An extensive search for various Cox family members in Grayson and the surrounding Texas and Oklahoma counties has returned a negative search.

"Texas Probate Records, 1800-1990," images, *FamilySearch* ([Montague County Probate Records 1887-1897 Minutes](#) : 2 May 2023), Montague > Minutes 1887-1897 vol 2-4 > image 1 of 806; county courthouses, Texas, Cox (Stephen, William J, George W) NIL

²⁹ Montague County, Texas, "Index to deed records v. A-K (direct) 1873-1892," Cox surname search, *FamilySearch* (<https://www.familysearch.org/search/film/008592462?> : accessed 21 April 2023); FHL microfilm 1,024,872, Image Group # (DGS) 8,592,462.

³⁰ The Portal to Texas History, "Montague County Area Newspaper Collection," (<http://files.usgwarchives.net/tx/grayson/land/grayson.txt> : accessed 27 Feb 2023); Cox Family - Stephen, William, George, Lydia Annie search - NIL

³¹ USGenWeb Archives: Grayson County, TXGenWeb, "Government Cemetery #2," (<https://usgenwebsites.org/TXGrayson/GovtCemeteries/GovtCemetery2/Vaughan.html> : accessed 26 Apr 2023); citing Herald Democrat, Sunday, February 20, 2000, A19, "Local cemeteries moved during construction of lake."

³² Roof, Albert J., "Charles E. Bowe," *Past and Present of Livingston County, Missouri: A Record of Settlement, Organization, Progress and Achievement*, (United States: S. J. Clarke Publishing Company, 1913), 323-324; *Google Books* ([Past and Present of Livingston County, Missouri - Google Books](#) : accessed 4 Mar 2023).

³³ FindAGrave, "Cedar Mills Cemetery," Cedar Mills, Grayson County, Texas (<https://www.findagrave.com/cemetery/1081368/cedar-mills-cemetery> : accessed 2 May 2023).

A BRIEF HISTORY OF THE BEATYS: Why Annie may have lived with them

In light of no Coxes found in Montague County from 1880 to 1885, and supposing that Stephen and his wife Elizabeth may have died prior to Annie relocating to Montague County, it is possible that she migrated to nearby Decatur, Wise County, Texas, with her older sister Penelope Ellen "Minnie" (Cox) Beaty and her young family.

Minnie, who had married John Tolliver Beaty in 1874 in Grayson County, Texas, moved to the Decatur area in Wise County, Texas, sometime before December 1880 where and when her child Carrie Idora was born³⁴. Decatur is 30 miles SE along HWY 281 and along the train route from Fort Worth to Bowie. As related in G W Cox's (no relation to research subject) *Pioneer Sketches*, travel to Decatur from Bowie for business and pleasure purposes was common at the time.³⁵ It is possible that Annie moved to the Decatur area with her sister's family. It's possible that she moved to the Bowie area in 1884 with her brother-in-law J T Beaty, but they likely remained in Decatur because no records have been found for J T Beaty in the Montague County area. Minnie must have died soon after her daughter Carrie was born, because John Tolliver Beaty remarried on 19 Nov 1885 in Wise County to Elizabeth Spain, a few months after Annie married W R Lunn³⁶. The eldest son, William, of J T and Elizabeth Spain was born in Decatur on 3 September 1886.³⁷ Their next son, Charles, was born in Pottsboro on 30 Mar 1888 where the family must have returned, leaving Annie as a recently married woman in Bowie.³⁸ Their last son, Roy, was born in Shawnee, Indian Territory, current-day Pottawatomie County, Oklahoma, on 20 Oct 1899.³⁹ The location of the Beaty family in Shawnee may have been why Annie eventually moved there when she left her husband in the early 1900s. She knew the Beaty family well. In fact, in a 1979 letter, Annie's granddaughter, Lorene, wrote of her mother's

³⁴ U.S. Social Security Administration, "U.S., Social Security Applications and Claims Index, 1936-2007," database, *Ancestry* (<http://ancestry.com> : accessed 4 Jun 2023), entry for Carrie Beatty Hodges, SS no. 443-18-0965.

³⁵ Cox, G. W., *Pioneer Sketches: a centennial year re-print of book by G. W. Cox*, (United States: Montague County Historical Society, 1958), *FamilySearch* ([Pioneer Sketches](#) : accessed 6 Mar 2023), page 29, not the son of Stephen & Elizabeth Cox.

³⁶ "Texas, County Marriage Index, 1837-1965," database with images, *FamilySearch* (<https://familysearch.org/ark:/61903/1:1:OK8R-FS4S> : 4 Jun 2023), J T Beaty and Elizabeth Spain, 19 Nov 1885; citing, Wise, Texas, United States, county courthouses, Texas; FHL microfilm 1,302,438.

³⁷ "United States World War I Draft Registration Cards, 1917-1918," digital image, *Ancestry* (<https://ancestry.org> : accessed 4 Jun 2023), card for William C. Beaty, serial no. 40: Local Draft Board for the County of Childress, Texas, United States; citing NARA microfilm publication M1509.

³⁸ "United States World War I Draft Registration Cards, 1917-1918," digital image, *Ancestry* (<https://ancestry.org> : accessed 4 Jun 2023), card for Charles H. Beaty, serial no. 34: Local Draft Board for the County of Childress, Texas, United States; citing NARA microfilm publication M1509.

³⁹ "United States World War II Draft Registration Cards, 1942," digital image, *Ancestry* (<https://ancestry.org> : accessed 4 June 2023), card for Roy Thomas Beaty, serial no. 912: Local Draft Board for the County of Nueces, Texas, United States; citing NARA microfilm publication M1936, M1937, M1939, M1951, M1962, M1964, M1986, M2090, and M209.

stories. The Beaty surname is the only one recalled, also indicating more familiarity with this branch of the family.⁴⁰

Oklahoma did not become a state until 1907, uniting the previously designated Indian Territory (established officially with enclosed boundaries in March 1889) and Oklahoma Territory (established the next year in May). Before this, the area designated as Indian Territory was occupied by many different Native American tribes who were allotted land from the United States. The creation of the Oklahoma Territory encouraged many non-Native American settlers to the area.⁴¹ After Annie and her five children moved to Indian Territory in the early 1900s, her eldest daughter Clara Mae at age 16 married William Henry Johnson on 22 Feb 1903 in Shawnee, with the written consent of her mother.⁴² Both Clara Mae and Annie are noted as living in Pottawatomie County, where Shawnee is located. Note that John Tolliver Beaty, his family, his eldest adult son James Almazar, and his family, as well as a 1st cousin to John Tolliver, are all living near each other in the township of South Wichita, Lincoln County, Oklahoma, in the 1900 census, which is about 15 miles north of Shawnee.⁴³ In addition, James Almazar's daughter, Jewel Alta, was born in Shawnee on 2 April 1903.⁴⁴ However, according to the divorce petition W R Lunn filed in Montague County, Texas, Anna Lunn was served notice on 1 December 1903, in Duncan, Pickens County, Oklahoma, which was also noted as Indian Territory, Southern District, at the time, near the Texas/Oklahoma border, about 70 miles north of Bowie, and 110 miles southwest of Shawnee.⁴⁵ Did she move to Duncan after the marriage of her daughter? Or did she agree to be served there but did not live there? By 1910, Annie lived in Durant, Oklahoma, at 323 11th Avenue with her three youngest children. She owned her home, free of a mortgage. Her son A. Z. is a farmer. The women are not working.⁴⁶

⁴⁰ Lorene Long, nee Johnson (granddaughter of Lydia Annie Cox Lunn, daughter of Clara Mae Lunn Johnson Cole) to ?, letter, 13 May 1979; copy privately held by Renee Plante, [ADDRESS FOR PRIVATE USE.], Plano, Texas, 2023. "Of this union four daughters were born - one our grandmother Annie, another I believe was Ester, the grandmother of Clyde Beatty the animal trainer. The other two daughters Mother didn't talk about."

⁴¹ Oklahoma Historical Society, "Indian Territory," ([Indian Territory](#) : accessed 4 June 2023)

⁴² Pottawatomie County, Territory of Oklahoma, County Court Clerk, Marriage Records, p. 112, between William H Johnson and Miss Clara M P Lunn; microfilm, Image 490; *Ancestry*, "Oklahoma, U.S., County Marriage Records, 1890-1995," Pottawatomie County, 1900 – 1954: (<https://ancestry.com>: accessed 19 Feb 2023).

⁴³ 1900 U.S. Census, Lincoln County, Oklahoma, population schedule, township South Wichita, enumeration district (ED) 122, sheet 19A (penned), dwelling 367, family 369, John T. Baty; digital image, *Ancestry*, (<http://www.ancestry.com> : accessed 4 June 2023); citing NARA microfilm publication T623, roll 1339.

⁴⁴ U.S. Social Security Administration, "U.S., Social Security Applications and Claims Index, 1936-2007," database, *Ancestry* (<http://ancestry.com> : accessed 4 Jun 2023), entry for Jewel Alta Miller, SS no. 467-38-5093.

⁴⁵ "District Court Civil Case Papers, 1873 - 1930 (filing date)," Montague County Court House, Montague County, Texas, W R Lunn vs Anna Lunn, Case No. 2738, filed 28 November, 1903, *FamilySearch* (<https://www.familysearch.org/ark:/61903/3:1:3Q9M-C37X-Q9QB-9?i=2390&cat=569380> : accessed 9 Mar 2023), digital images 2391 - 2399, Film 1437384, Image Group Number 8577295.

⁴⁶ 1910 U.S. Census, Bryan County, Oklahoma, population schedule, Durant Ward 4, Supervisor's District 4, enumeration district (ED) 16, sheet 10 (penned), 196 (stamped) dwelling 323 11th Ave, Visited No. 191,

Even though no direct evidence of the Beaty family living near Bowie, Texas, has been located, the indirect evidence of the birth of Carrie and her younger half-brother indicates possible close proximity.

DNA Research

At the beginning of the project, the researcher had access to the main test-taker (TT1), her full brother (TT2), and their first cousin (1C), test-taker 3 (TT3). To better provide DNA evidence for this project, two additional DNA matches at *AncestryDNA* agreed to share their results, TT1's maternal third cousin (3C), Matilda TT4, test-taker 4, and TT1's maternal third cousin once removed (3C1R), Minnie TT5, test-taker 5.⁴⁷ Test-takers 4 and 5 each descend from two different children of Stephen Cox, namely Matilda, and Minnie, respectively, as shown in Figure 5 on the next page.

Table 5 DNA Relationships of Test-takers to Each Other

<i>cM - # segments (longest segment), Relationship</i>					
	TT1	TT2	TT3	TT4	TT5
TT1		2552-53 (163) brother	866-32 (107) 1C	122-7 (41) 3C	76-5 (25) 3C1R
TT2	2552-53 (163) brother		911-38 (100) 1C	116-11 (19) 3C	21-1 (25) 3C1R
TT3	866-32 (107) 1C	911-38 (100) 1C		123-6 (43) 3C	34-1 (46) 3C1R
TT4	122-7 (41) 3C	116-11 (19) 3C	123-6 (43) 3C		25-1 (29) 3C1R
TT5	76-5 (25) 3C1R	21-1 (25) 3C1R	34-1 (46) 3C1R	25-1 (29) 3C1R	

Table 5 above shows the shared atDNA and relationships of all test-takers to each other. Each falls within the expected relationship range of the Shared cM Project, "a collaborative data

family 183, Anna Lunn household; digital image, Ancestry (<http://www.ancestry.com> : accessed 19 Feb 2023); citing NARA microfilm publication T624, Roll 1243.

⁴⁷ TT4 - Private female Thorp, "Thorp Family Tree," public member tree, Ancestry ([TT4 Pedigree View](#) : accessed 5 Jun 2023), MRCA Stephen Cox and Elizabeth Dowell; TT5 - Private female Wood, "Twila Wood family tree," public member tree, Ancestry ([TT5 Pedigree View](#) : accessed 5 Jun 2023), MRCA Stephen Cox and Elizabeth Dowell.

collection and analysis project created to understand the ranges of shared centimorgans (cM) associated with various known relationships.⁴⁸ Additionally, all the shared DNA falls within one standard deviation (SD) of the mean with the exception of TT4. This match is from 13% to 19% higher than 1 SD. While this could be evidence of an additional relationship, it is probably a higher shared recombination of DNA due to the fact the full niece of TT4 falls within the expected 1 SD range. Furthermore, after an examination of TT4's pedigree, there are no additional surnames or locations, indicating additional relationships, that could be in common with the remaining test-takers. TT4 is presumed to be related to the other test-takers only through Stephen Cox and his wife Elizabeth.

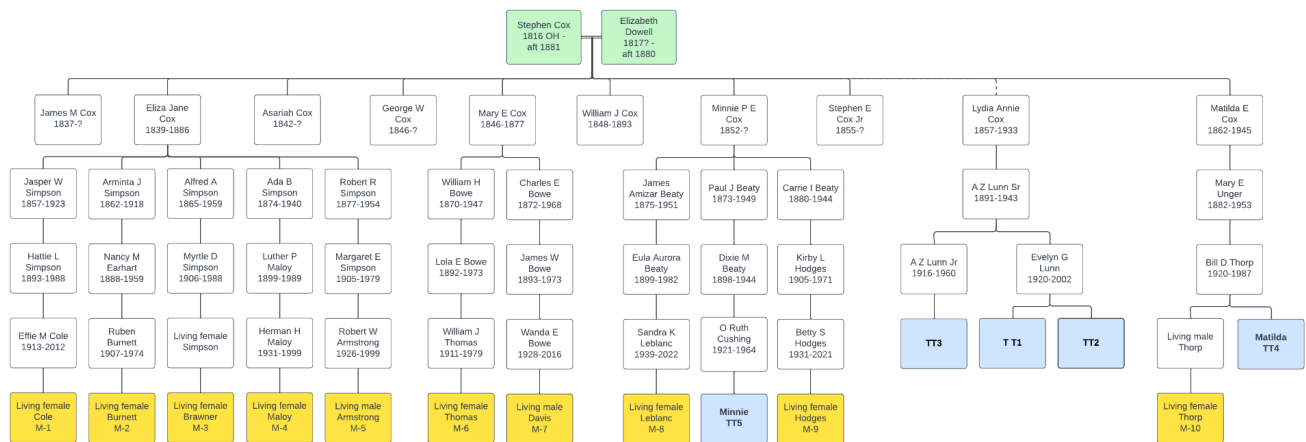


Figure 6 McGuire Chart for selected descendants of Stephen Cox⁴⁹

Above is a McGuire chart, named for Lauren McGuire, its original creator, that compares the relationships of the five test-takers to ten selected DNA matches at *AncestryDNA*, all descending from the same ancestral couple, Stephen Cox and his wife Elizabeth.⁵⁰ Where available, one DNA match from each known grandchild of Stephen Cox was chosen. It is important to compare the DNA from different ancestral lines to ensure an actual relationship exists to the most recent common ancestor (MRCA) being evaluated due to the fact that each child will inherit different combinations of DNA from their parents. Autosomal DNA can generally be used to evaluate six to eight generations before the segments inherited become too small to analyze.⁵¹

⁴⁸ The Genetic Genealogist, "Version 4.0! March 2020 Update to the Shared cM Project!," Blaine Betinger ([Shared cM Project: Version-4-0](https://www.familytreeforum.com/threads/shared-cm-project-version-4-0) : accessed 2 May 2023).

⁴⁹ Renee Plante, "Stephen Cox Descendant Chart," digital diagram created with *Lucidchart* (<https://lucidchart.com> : generated 10 Feb 2023), DNA matches from *AncestryDNA* (<https://ancestry.com> : accessed 9 Feb 2023), *Ancestry.com*, privately held files of Renee Plante, Plano, Texas.

⁵⁰ Diana Elder, Nicole Dyer, and Robin Wirthlin, *Research Like a Pro with DNA*, (Highland, Utah: Family Locket Books, 2021), 38-39.

⁵¹ "How to Use Your Consumer DNA Test Results To Solve Your Family History Mysteries," Jennifer MacArthur, Ph.D. and Robin Wirthlin (<https://familylocket.com/how-to-use-your-consumer-dna-test-results-to-solve-your-family-history-mysteries/> : accessed 10 Jun 2023).

Early in the project a Collin Leads Method cluster was created using *DNAGedcom Client* to gather and group matches found at *Ancestry.com* who shared between 50 and 400 cM with the first three test-takers, TT1, TT2, and TT3.⁵² All matches in Figure 6 on the previous page, 50 cM and above, fall within the same cluster of each test-taker, offering further evidence that these matches descend from a common ancestral couple. These DNA sources provide a robust genetic network of evidence indicating a common relationship to Stephen Cox and his wife Elizabeth.

Each DNA match and test-taker has a well-documented pedigree to a child of Stephen Cox (a brief summary of each child's history begins on page 22 of this report).⁵³ Minnie TT5, who descends from Paul J Beaty, a probable son of Minnie, is the exception. While documentation has not been found directly connecting Paul to his parents, his descendant Minnie TT5 shares atDNA with descendants of two other presumed children of Minnie and her husband John Tolliver Beaty, and also to descendants of other children of Stephen and Elizabeth. All relationships fall within the expected range and within 1 SD of the mean of the Shared CM Project as indicated in the researcher's log.⁵⁴ In addition, the migrations of John Tolliver Beaty,⁵⁵ indicated by the locations of his marriages and children's births, coincide with some of the Texas and Oklahoma locations where Cox family members lived, leading to the likely conclusion that TT5 is a full biological descendant of Stephen Cox. (Also see a biographical summary of Penelope Ellen "Minnie" Cox on page 23 for further DNA evidence of relationship).

In addition to analyzing the shared cM between test-takers and matches shown above, atDNA of TT1, TT2, and TT3 was uploaded to *MyHeritage* and *Gedmatch* with their permission and the segments were evaluated as follows.

Cluster reports were generated for each test-taker at *MyHeritage* and Cox-related clusters were determined (indicated in Table 6 on the next page).⁵⁶ Furthermore, the atDNA of each test-taker

⁵² Renee Plante, "Private AncestryDNA Collin Leads Method Cluster, 50-400 cM", files gathered and digital diagram created with *DNAGedcom Client* using 50-400 cM shared DNA, gathered 5 May 2023, privately held files of Renee Plante, Plano, Texas; Renee Plante, "Private AncestryDNA Collin Leads Method Cluster, 50-400 cM", files gathered and digital diagram created with *DNAGedcom Client* using 50-400 cM shared DNA, gathered 5 May 2023, privately held files of Renee Plante, Plano, Texas; Renee Plante, "Private AncestryDNA Collin Leads Method Cluster, 50-400 cM", files gathered and digital diagram created with *DNAGedcom Client* using 50-400 cM shared DNA, gathered 5 May 2023, privately held files of Renee Plante, Plano, Texas.

⁵³ Renee Plante, "Carver Family Tree," public member tree, *Ancestry* (Pedigree View - Ancestry.com : accessed 1 May 2023), Stephen Cox (1814-1881)

⁵⁴ "RLP with DNA 2023 - Stephen Cox," Cox DNA Matches sheet, *Airtable* (<https://airtable.com>: accessed 10 Jun 2023), template created by Nicole Elder at *FamilyLocket.com*.

⁵⁵ Renee Plante, "Carver Family Tree," public member tree, *Ancestry* (Pedigree View - Ancestry.com : accessed 1 May 2023), John Tolliver Beaty (1850-1930)

⁵⁶ Renee Plante, "Private Leeds Chart," *Ancestry.com*, (https://docs.google.com/spreadsheets/d/1uAa4V2PFaKA44iG_nWP00jeD_XHiDDkF/edit#gid=1048273260 : 5 Feb. 2023). Renee Plante, "Private Leeds Chart," *Ancestry.com*, (https://docs.google.com/spreadsheets/d/1u4LdYnwzzHtpM1Oz2T84D2pMyaz2nKe_/edit#gid=1964040

was compared with matches belonging to the “Quaker Cox Surname Project” at *Gedmatch*. The relevant segments from both reports were then uploaded to *DNAPainter* where profiles for each test-taker were created and the chromosomes “painted,” creating a visual diagram of the shared segments between matches.⁵⁷ Below is a brief summary of the triangulated segments of these matches. The term triangulated refers to when three or more matches share DNA at exactly the same chromosome segment. Either a common ancestor should be shared or if unknown, the segment must be shared on the relevant maternal or paternal chromosome. The MRCA is noted where determined. The most significant triangulations are 7 matches on Chromosome 3 with both TT1 and TT2, 17 matches on Chromosome 10 with TT3, and 5 matches on Chromosome 17 with all three test takers.

[206](https://docs.google.com/spreadsheets/d/1ulp2ySGxgNXfzxh1qVqSO_t7I5ZUpa8H/edit#gid=131226638) : 6 Feb. 2023). Renee Plante, "Private Leeds Chart," *Ancestry.com*, (https://docs.google.com/spreadsheets/d/1ulp2ySGxgNXfzxh1qVqSO_t7I5ZUpa8H/edit#gid=131226638 : 6 Feb. 2023)

⁵⁷ “Private - Chromosome Map Profile,” *DNA Painter* (<https://dnainter.com/profile/237337> : accessed 10 Jun 2023), Cox Surname Gedmatch Project, MH Clusters 1, 4, 5); “Private - Chromosome Map Profile,” *DNA Painter* (<https://dnainter.com/profile/237337> : accessed 10 Jun 2023), Cox Surname Project Gm, MH Clusters 1, 3, 9, 18); “Private - Chromosome Map Profile,” *DNA Painter* (<https://dnainter.com/profile/237337> : accessed 10 Jun 2023), Cox Surname Project Gm, MH Clusters 2, 13).

Table 6 Triangulated Segments for Test-taker 1, 2 & 3

Triangulating Segments from DNA Painter: Uploaded from Clusters at MyHeritage (MH#) and the Quaker Cox Surname Project (QCSNP) at Gedmatch - Test-takers 1, 2, and 3 included:						
	Start	Stop	Matches	Test-Takers	Group	MRCA
Chr 3	18,459,926	31,734,989	2	TT2	MH#3	Dbl Cox/Kinkey
	21,771,422	36,595,444	4	TT2	QCSNP	Solomon Cox / Naomi Hussey
	93,548,479	111,631,564	3	TT1	QCSNP	No Trees, two Cox match surnames
	93,548,479	109,536,495	3	TT3	QCSNP	No Trees, two Cox match surnames
	191,996,779	197,883,758	7	TT1	QCSNP	Solomon Cox Jr w/ 1st wife Dixon
	192,093,975	197,883,758	7	TT2	QCSNP	Solomon Cox Jr w/ 1st wife Dixon
Chr 4	103,388,441	135,954,321	4	TT2	QCSNP	Solomon Cox / Naomi Hussey
Chr 6	115,155,076	126,156,943	2	TT3	QCSNP	Solomon Cox / Naomi Hussey
Chr 8	69,038,959	78,093,837	4	TT3	QCSNP	Solomon Cox / Naomi Hussey
	94,162,412	101,873,671	4	TT3	QCSNP	Solomon Cox / Naomi Hussey
Chr 10	26,096,852	34,083,447	3	TT3	QCSNP	Dbl: Cox/Kinkey + Solomon Cox, Jr w/ 1st Dixon wife
	25,864,750	73,283,718	13	TT3	MH#2	Solomon Cox / Naomi Hussey + 2nd unk Cox connection
Chr 17	71,353,985	77,139,149	5	TT1	QCSNP	Solomon Cox / Naomi Hussey
	71,353,985	76,640,590	5	TT2	QCSNP	Solomon Cox / Naomi Hussey
	77,871,823	80,190,329	2	TT3	QCSNP	No trees, Cox surname match
Chr 19	260,912	3,165,895	3	TT3	QCSNP	Solomon Cox / Naomi Hussey

The 13 triangulated segments on chromosome 10 at *MyHeritage* with TT3 (from 37.0 to 59.7 cM) is direct evidence of a common shared ancestor amongst the matches. The common ancestor of the group is Solomon and Naomi (Hussey) Cox who are the paternal grandparents of Stephen Cox.⁵⁸ While triangulation cannot be definitely shown at *Gedmatch*, several matches are on the maternal side of TT1 and TT2, and on the paternal side of TT3, indicating triangulation and common Cox ancestors.

A Brief Summary of the Children of Stephen Cox

To further connect the children of Stephen Cox found in the various census records to their parents and siblings and in-laws, their brief biographies are included as follows.

⁵⁸ Renee Plante, "Carver Family Tree," public member tree, *Ancestry* ([Pedigree View - Ancestry.com](https://www.ancestry.com) : accessed 9 May 2023), Stephen Cox (1814-aft. 1881)

James M Cox⁵⁹

James was most likely the oldest son as he was born one year after his parents married. He was born in Missouri in 1837 or 1838. He was living with his parents in the 1840 (male under 5), 1850, 1856 (Iowa state), and the 1860 censuses. The final record found for James is on 1 July 1863 for a "Consolidated List of all persons subject to do Military Duty in the Seventh Congressional District of the State of Missouri." He is listed next to his presumed brother Azariah, living in Grand River, Missouri, which is the same location as the 1860 census. He and his brother are both underlined in red ink and noted in the far right-hand column as being "non-resident." Furthermore, his occupation is farming, and he is single. No marriage or children have been found for James.

Eliza Jane Cox⁶⁰

Eliza is the second child noted on the census records. She was also born in Missouri and found living with her parents in the 1840 (female under 5) and 1850 censuses. She married Edward (Elija) Green Simpson in Livingston County, Missouri, in 1854 and by 1856 had been living in Rawles, Mills County, Missouri, for a year. Rawles is less than 10 miles south of present-day Glenwood where her parents were living at the same time. The Simpsons returned to Missouri by 1857, where they remained through at least 1866. Her husband Elija was enumerated in the 6th Congressional District Civil War draft in Hurricane, Carroll, Missouri, in 1863 where the family may have relocated. By 1870 the Simpsons moved to Belton, Bell County, Texas, where her parents are also recorded in the census ten pages prior. By 1877 the Simpsons relocated to Atoka County, Oklahoma, possibly near the city of Atoka. While it's not known when Eliza died, it was most likely before 1892 when her husband's last son Benjamin was born at Boggy Depot (just east of Atoka). His mother was Delsa Simpson and no marriage record has been found.

Eliza and Elija Simpson's children -

- Joshua Steven born 1855 Iowa,
- Jasper William 15 Nov 1857 Missouri,
- Arminta Jane born March 1859 Missouri,
- Nancy born 1864 Missouri,
- Elizabeth born 1866 Missouri,
- Alfred Abner born March 1871 Bell County, Texas,
- Ada Belle "Addie" born March 1874 Texas,
- Robert Ray born April 1877 Atoka County, Oklahoma.

⁵⁹ Renee Plante, "Carver Family Tree," public member tree, *Ancestry* ([Pedigree View - Ancestry.com](#) : accessed 9 May 2023), James M Cox (abt. 1837-?)

⁶⁰ Renee Plante, "Carver Family Tree," public member tree, *Ancestry* ([Pedigree View - Ancestry.com](#) : accessed 9 May 2023), Eliza Jane Cox (1839- bef. 1892)

Azariah Cox⁶¹

Azariah appears to be the third child and second son born to Stephen and Elizabeth Cox. He was born in Missouri in 1842 or 1843. He was living with his parents in the 1850, 1856 (Iowa state), and the 1860 censuses. The final record found for Azariah is on the same Civil War draft record as his brother James (see paragraph above). He is listed just below James, also living in Grand River, the same location as the 1860 census of his parents. He is also noted in the far right-hand column as being "non-resident." His occupation is farming, but unlike his brother, he is noted as married. Unfortunately, no marriage record or children have been found at this time.

Mary Elizabeth "Lizzie" Cox⁶²

Mary was born in Missouri and is the fourth child and second daughter. She is enumerated on the 1850, 1856 (Iowa state) and 1860 censuses living with her parents. She married James Bowe on 26 September 1869 in Livingston County, Missouri. By 1870 she and her husband were living in Medicine, Missouri, of the same county. Two sons were born to Lizzie and James:

- William Henry born 27 July 1870 in Chula, Livingston County, Missouri, and
- Charles Erastus "Frank" born 1 December 1872 in Denison, Grayson County, Texas.

James died on 25 July 1875 in Pottsboro, Grayson, Texas, and Mary eventually remarried to Seaburn Augustus (S A) Perdue on 5 December 1877 also in Grayson County. The couple had a daughter W. F. "Meta," about 1878/1879. Mary died sometime between June 1878 when Mary sold her land, and April 1879 when her brother William J Cox was awarded guardianship of her two Bowe sons. Perhaps she died in childbirth. The Bowe sons returned to Medicine, Missouri, around 1885, where they had inherited land. It is not known what became of her daughter Meta.

George W Cox⁶³

Like his siblings before him, George was born in Missouri, probably in 1847, but also noted in censuses as 1846 and 1848. While there are nine records of a George W Cox or a similar name living in or near Bell County, Texas, in the 1870 census, there are none who are the correct age. Likewise, he has not been located in a Grayson County 1870 census. Perhaps he stayed in Missouri like his sister Eliza. He did join his father in Grayson County by 1874 where he is found enumerated next to his father and younger brother William. There is a marriage record of a G W Cox to Eliza Eads in Grayson County in 1877, however, it is unproven whether this is him. No further records have been located.

⁶¹ Renee Plante, "Carver Family Tree," public member tree, *Ancestry* ([Pedigree View - Ancestry.com](#) : accessed 9 May 2023), Azariah Cox (abt. 1842-?)

⁶² Renee Plante, "Carver Family Tree," public member tree, *Ancestry* ([Pedigree View - Ancestry.com](#) : accessed 9 May 2023), Mary E Cox (1845-1878/79)

⁶³ Renee Plante, "Carver Family Tree," public member tree, *Ancestry* ([Pedigree View - Ancestry.com](#) : accessed 9 May 2023), George W Cox (1847-?)

William J Cox⁶⁴

William was also born in Missouri probably in 1849. He was living with his parents in the 1850, 1860, 1870 and 1880 censuses. He was also enumerated in the Grayson County tax records alongside his father from 1872 until 1881, and alone in 1882. After the death of his older sister Mary Elizabeth Bowe Perdue, he was awarded guardianship in April 1879 of her two sons William Henry and Charles Erastus, from her first marriage to James Bowe. By 1882 the courts had fined him for failure to appear and file a report. In two Livingston County histories published many years later, entries for each son state the boys moved back to Missouri as orphans around 1885. Of note is that when the elder son married in 1891 in Livingston County, Missouri, he was a minor and was given written permission to marry by his guardian, W J Cox. By the time the younger son Charles married in February 1893, also a minor, it was noted that he was an orphan with no parents or guardian. It is presumed William had either died or left the area. No further records have been located.

Penelope Ellen "Minnie" Cox⁶⁵

Minnie, as her daughter Carrie identified her mother on her social security application, was born in Missouri and consistently noted on each census as born in 1852. She was living with her parents in the 1856 (Iowa State), 1860 and 1870 censuses. After her family moved to the Pottsboro area in Grayson County, Texas, she married J Tol Beaty there in 1874. They possibly had three children:

- James Amizar, their probable first child, was born on 28 July 1875, in Grayson County, Texas. No records connect him to Minnie, only to his father John Tolliver Beaty. This relationship is probable. In addition, TT1 has three DNA matches that descend from James through two of his children. All relationships fall within the expected range according to the Shared cM Project.
- Paul J was born on 8 May 187? in Texas. He gave his birth year as 1872 on the WWI draft registration but may have lied in order for him to meet the minimum age requirement of 21. He proved an approximate year of birth from 1874 to 1879 on various censuses. This relationship is possible. There are no records connecting him to either parent. Through one of his children, Dixie Mae, there is one DNA that falls within the expected relationship range according to the Shared cM Project.
- Carrie Idora, only known daughter, was born on 8 December 1880 in Decatur, Wise County, Texas. The only record directly connecting her to her parents is her social security application naming Tal Beaty and Minnie E Cox. As indirect evidence, John Tolliver married his second wife in Wise County about 4½ years after Carrie was born. Furthermore, the children from this second marriage were born in Decatur (1886), then in Pottsboro (1889), and finally in Shawnee, Pottawatomie, Oklahoma (1899). These locations are also connected to Stephen and/or Annie Cox. This relationship is likely.

⁶⁴ Renee Plante, "Carver Family Tree," public member tree, *Ancestry* ([Pedigree View - Ancestry.com](#) : accessed 9 May 2023), William J Cox (1849-?)

⁶⁵ Renee Plante, "Carver Family Tree," public member tree, *Ancestry* ([Pedigree View - Ancestry.com](#) : accessed 9 May 2023), Penelope Ellen Cox (1852- aft 1880/bef. 1885)

Furthermore, there are four known DNA matches within the expected relationship ranges.

Table 7 and Figure 7 on the next two pages show the genetic and genealogical relationships between the possible descendants of John Tolliver Beaty and his wife Penelope Ellen “Minnie” Cox, and the project test-takers.

Minnie likely died in Wise County, Texas, sometime before her husband remarried in 1885. No further records have been located.

Table 7 DNA Relationships between Beaty Descendants and Project Test-Takers
(shaded areas indicate a lower than 1 SD genetic relationship)

Ancestry DNA Match Descended through Children of Minnie (Cox) & J T Beaty								
<i>cM shared - # segments (longest segment), Relationship to Test-taker</i>								
	James-1	James-2	James-3	Paul-1	Carrie-1	Carrie-2	Carrie-3	Carrie-4
TT1	19-2 (13) 3C1R	31-3 (13) 3C1R	41-4 (17) 3C2R	76-5 (25) 3C1R	48-3 (24) 3C1R	17-2 (10) 3C1R	77-4 (55) 3C1R	41-3 (21) 3C1R
TT2	12-2 (7) 3C1R	25-2 (25) 3C1R	NIL 3C2R	21-1 (25) 3C1R	20-2 (12) 3C1R	NIL 3C1R	30-2 (22), 3C1R	19-1 (22) 3C1R
TT3	29-4 (18) 3C1R	35-5 (13) 3C1R	35-5 (12) 3C2R	34-1 (46) 3C1R	33-2 (28) 3C1R	15-2 (13) 3C1R	32-4 (10) 3C1R	38-3 (44) 3C1R
TT4	42-3 (22) 3C1R	NIL 3C1R	NIL 3C2R	25-1 (29) 3C1R	20-3 (8) 3C1R	NIL 3C1R	19-2 (16) 3C1R	8-1 (9) 3C1R
TT5 (Paul-1)	NIL 3C	22-2 (18) 3C	NIL 3C1R	/	61-3 (33) 3C	21-3 (16) 3C	83-6 (32) 3C	33-3 (17) 3C

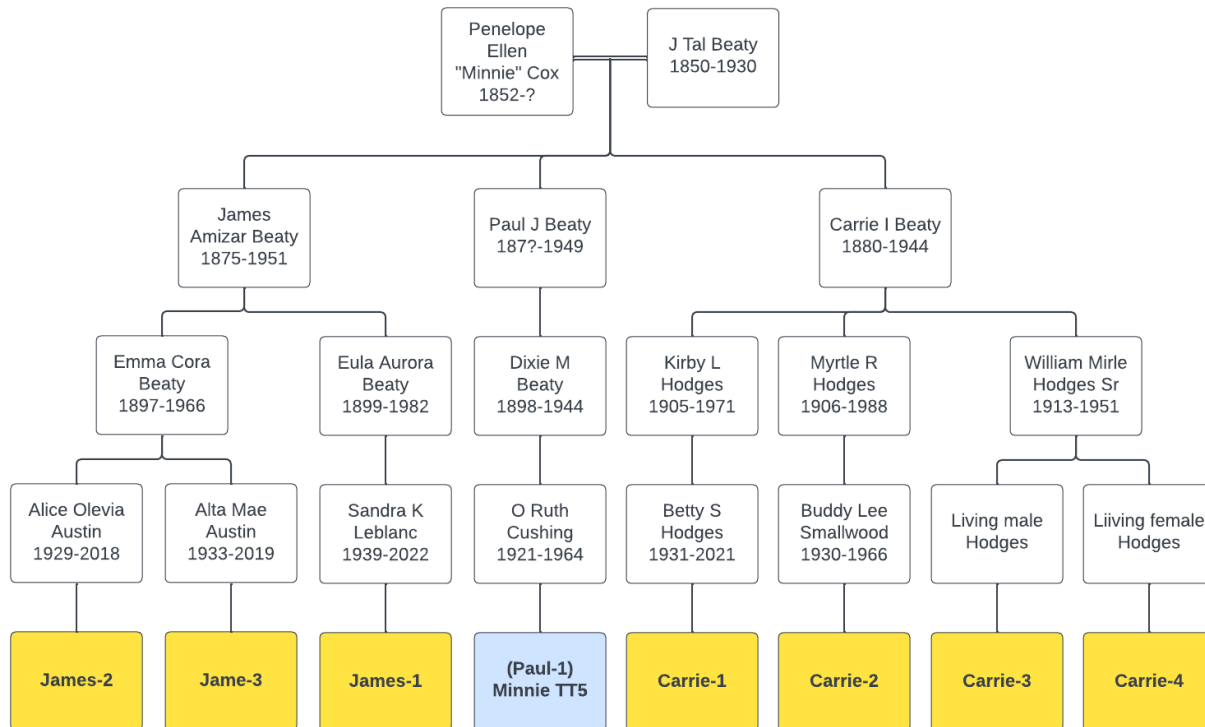


Figure 7 Cox/Beaty Descendancy Chart of Known Genetic Matches

Stephen E Cox⁶⁶

Stephen E was born about 1855 in Iowa, most likely present-day Glenwood, where the family was enumerated in the Iowa State 1856 census. He is later also listed in the 1860 and 1870 censuses in the Stephen Cox household. No records naming Stephen E specifically after 1870 have been located. It is speculated that he may have been living in his father's household in Grayson County, Texas, through 1876 due to the fact that Stephen was charged a poll tax, even though he no longer owed the tax due to his age. More research is needed to look for records possibly naming Stephen E Cox.

Matilda Ethel Cox⁶⁷

Matilda was born on 11 December 1862 in Missouri during the middle of the Civil War. She is listed in her father's household in the 1870 census. She married Jacob Lewis Unger, a native of Germany, in Georgetown, Grayson County, Texas, a now-defunct small community just outside of Pottsboro. The couple was enumerated in the same 1880 census as her father in Grayson County, Texas. Judging by the birth locations of their children, the couple lived in the area through June 1882, migrating to Sevier County, Arkansas, for a few years where their son Charles was born in 1885. They were living in Indian Territory in Oklahoma by 1887, then

⁶⁶ Renee Plante, "Carver Family Tree," public member tree, *Ancestry* ([Pedigree View - Ancestry.com](#) : accessed 9 May 2023), Stephen E Cox (1855-?)

⁶⁷ Renee Plante, "Carver Family Tree," public member tree, *Ancestry* ([Pedigree View - Ancestry.com](#) : accessed 9 May 2023), Matilda Ethel Cox (1862-1945)

moved to South Wichita, Lincoln County, Oklahoma, where they were listed in the 1900 census, and where her older sister's family, the Beatys, were living at the same time. By 1904 they must have moved to Shawnee, Pottawatomie County, Oklahoma, where their son Henry was born. The Ungers eventually settled in Roger Mills County, Oklahoma, where the household was enumerated in the 1910 and 1920 censuses. Jacob died in Sayre, Beckham County, Oklahoma, in 1926, and this is where Matilda was enumerated in the 1930 census as a widow. She died here on 26 March 1945 and is buried in a local cemetery. Her direct descendant is TT4 who the report writer has been in contact with and who provided Matilda's middle name and place of death. A death certificate names Wm Cox as her father and her mother is left blank.⁶⁸ Unfortunately, the informant is not listed. Perhaps this person confused her brother William as the father.

Conclusion

This research project was very successful in locating Stephen Cox in the Grayson County, Texas, records during the fifteen-year gap after he was living in Belton, Bell County, Texas, in 1870, and before Annie Cox's marriage to W. R. Lunn in Montague County, Texas, in 1885. Additionally, an 1880 census was located for Stephen and his household including not only Annie, but his orphaned grandchildren and a previously unknown granddaughter. Thankfully, these grandchildren were living with Stephen, as not only his name but that of his wife and Annie were incorrectly recorded.

The children of Stephen are clearly enumerated in the 1850, 1860, 1870, and 1880 censuses. Even after the daughters' marriages, the new families migrated within close proximity of the parents and Annie: Livingston County, MO > Mills County, IA > Livingston County, MO > Bells County, TX > Grayson County, TX > Wise/Montague Counties, TX > Grayson County, TX > Pottawatomie/Atoka County, OK. Although the death dates and locations of Stephen and Elizabeth are undetermined, Annie Cox Lunn lived in close proximity to her Beaty brother-in-law and his family at the time of her marriage in Montague County, Texas. After her separation from her husband, she relocated near where both the Beaty brother-in-law and the younger sister Matilda Unger were living, all indicating close familial ties.

The atDNA evidence connecting Annie's descendants to those of her highly probable siblings is extraordinary. Not only are the DNA matches analyzed at *Ancestry.com* all within the average genetic relationship range, but each also is within 1 standard deviation of the mean, except TT5 which shares roughly 15% more centimorgans. However, no other common ancestor connections have been found for this cousin match. And finally, the triangulated segments indicate a clear connection to the grandparents of Stephen, namely Solomon Cox and Naomi Hussey, as well as some more distant double Cox ancestors.

⁶⁸ Oklahoma State Board of Health, Bureau of Vital Statistics, 1945 death certificate, cert. No 5-14014, Matilda Editha Unger (26 March 1945); Beckham County Health Dept., Durant, Oklahoma.

While triangulation of shared DNA segments to these eleven matches could further solidify this relationship and prove an interesting follow-up, this phase of the research has proven that it is highly likely that Lydia Annie Cox Lunn is the biological daughter of Stephen Cox.

Future Research Suggestions

- Locate the records for the Lake Texoma cemetery relocations to locate Cox family deaths.
- By 1860 Eliza Jane Cox Simpson is noted as living with the Russels, while her husband Elija is noted on the same page with their three children. At this time, it is not known who the Russels were. Her parents were living next to her husband and three children. Research the Russel family.
- Find the Simpsons in the Atoka County, Oklahoma, 1880 census.
- Find the Beatys in an 1880 census, possibly Grayson, Wise, or surrounding Texas counties.
- Explore Civil War records and the Livingston County, Missouri, records for evidence of the two eldest sons, James M and Azariah Cox.
- Further research George W and William J Cox to find out what happened to them after they were last noted in Grayson County, Texas. Ask descendant(s) of a George Washington Cox who married Sarah Etta Barbee for DNA to rule out the possibility of this being the son of Stephen Cox.
- Determine what property William H and Charles Erastus Bowe inherited, and from whom.
- Find more Beaty descendant matches. Ask to obtain viewership privileges for other existing/new matches. Ask them to upload to *Gedmatch*, *MyHeritage*, and/or *FamilyTreeDNA*.
- Look for the daughter of Mary Elizabeth and her second husband, S A Perdue. Explore the possibility that Carrie Idora Beaty Hodges is her and was adopted by Mary's sister Penelope Ellen Minnie Cox Beaty. Obtain viewership DNA privileges of Carrie's descendants to see if they share matches with Beatys, as expected, or Perdues.
- Ask the DNA matches used in this project to upload to *Gedmatch*, *MyHeritage*, and/or *FamilyTreeDNA* to evaluate possible triangulation of segments to provide additional evidence of this project's objective.