

Date: 16 February 2019

To File: Crook family ancestral lines confirmation

Research Focus

Confirmation of Crook family ancestral lines using atDNA of three Crook siblings:

1. Dennis Irwin [Crook] VanderWerff, born 16 May 1944, Sacramento, Sacramento, California
2. Gaynl Ann [Crook] VanderWerff, born 16 December 1946, Sacramento, Sacramento, California
3. Gary Michael [Crook] VanderWerff, born 17 October 1949, Sacramento, Sacramento, California

Table 1 Crook Family Tree Completeness					
Generation	Matches	Total Possible Ancestors	Total Known Ancestors	Percent of Known Ancestors	Percent of Unknown Ancestors
Grandparents	1st cousins	4	4	100.00	0.00
Great Grandparents	2nd cousins	8	8	100.00	0.00
2nd Great Grandparents	3rd cousins	16	9	56.25	43.75
3rd Great Grandparents	4th cousins	32	19	59.38	40.62
4th Great Grandparents	5th cousins	64	24	37.50	62.50
5th Great Grandparents	6th cousins	128	24	18.75	81.25

Table 2 Expected and Average Shared atDNA (cMs) First–Fourth Cousin Relationships			
Common Ancestral Couple	Cousin Relationship	Expected Shared atDNA (cMs)*	Average Shared atDNA (cMs)**
Grandparents	First Cousins	850.00	874.00
Great Grandparents	Second Cousins	212.50	233.00
2nd Great Grandparents	Third Cousins	53.13	74.00
3rd Great Grandparents	Fourth Cousins	13.28	35.00
<p>*“Autosomal DNA Statistics,” <i>International Society of Genetic Genealogy Wiki</i> (https://isogg.org/wiki/Autosomal_DNA_statistics : accessed 9 November 2018).</p> <p>** Blaine T. Bettinger, “The Shared cM Project 3.0, August 2017,” (www.thegeneticgenealogist.com : accessed 9 November 2018). Jonny Perl, “The Shared cM Tool 3.0, Interactive Version,” v4, <i>DNAPainter</i> (https://dnainter.com/tools/sharedcmv4 : accessed 9 November 2018).</p>			

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Table 3 Grandparents		
PG-A William John Crook Hattie May Hine	PG-B John Joseph McInerney	MG-C Emma Mary Halderman
Shirley Fay A881336 1C An/FT/GM Dennis Gaynl Gary	Meghann (McInerney) Khork ½ 1C1R An Dennis 317 cM (A) Gaynl 445 cM (A)	Marty Roethler A472325 ½ 1C FT/GM Dennis Gaynl Gary
Clayton Crook A512246 1C1R An/FT/GM Dennis Gaynl Gary	Shawn McInerney ½ 1C1R MH Dennis 383.3 cM Gaynl 429.7 cM Gary 542.7 cM	Lyndia Boothe A506693 ½ 1C An/FT/GM Dennis Gaynl Gary
Marcia Crook A600536 1C1R An/FT/GM Dennis Gaynl Gary		Regina Craig A155006 ½ 1C An/FT/GM Dennis Gaynl Gary

Table 4 Great Grandparents			
PGG-A George Crook Elizabeth Hannah [?]	PGG-B Daniel Hine Nancy Hoffstatter	MGG-C Michael McEnerney Julia O'Hara	MGG-D Charles Halderman Minnie Havens
*MHD A638674 2C An/FT/GM Dennis 82.1 cM Gaynl 236.3 cM Gary 194.9 cM		Matthew Ripoli 2C An Dennis 216 cM Gaynl 227 cM Gary	Felton Halderman T095747 1C1R FT/GM Dennis 569.0 cM Gaynl 310.1 cM Gary 507.9 cM
Mary Della Wold A641966 2C1R An/GM Dennis 131.5 cM Gaynl 119.9 cM Gary 196.8 cM		Emma M. Bossard 2C1R An Dennis 45 cM Gaynl	

Table 5A Paternal 2nd Great Grandparents			
P2GG-A William Crook Hannah Johnson	P2GG-B Robert Hannah [?] Jane [—?—]	P2GG-C William Hine Charity Morrell	P2GG-D Hiram Hoffstatter Elizabeth Colby
dmh-waterfall A106747 3C1R An/GM Dennis 33.9 cM Gaynl 37.8 cM Gary 11.0 cM		Emmett Freeman 3C An Dennis 42cM Gaynl Gary	Constance Delaney 3C An Dennis 96 cM Gaynl 124 cM
Japuntichb1997 A287698 3C2R An/GM Dennis 18.4 cM Gaynl 28.6 cM Gary 18.5 cM			Chip Wallace 3C1R An Dennis 61 cM Gaynl 122 cM
*MGN (A711733 3C An/GM Dennis 55.7 cM Gaynl 114.9 cM Gary 54.2 cM			
*KGP A717757 3C1R An/GM Dennis 0.0 cM Gaynl 68.4 cM Gary 24.8 cM			
*REG 723479 3C1R An/GM Dennis 0.0 cM Gaynl 30.6 cM Gary 0.0 cM			

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P2GG-A William Crook Hannah Johnson	P2GG-B Robert Hannah [?] Jane [—?—]	P2GG-C William Hine Charity Morrell	P2GG-D Hiram Hoffstatter Elizabeth Colby
Olive Glendenning Thomas A936811 3C1R An/GM Dennis 23.5 cM Gaynl 0.0 cM Gary 0.0 cM			
Lynn Campbell A968694 3C2R An/GM Dennis 16.2 cM Gaynl 0.0 cM Gary 0.0 cM			
Emmett Freeman 3C An Dennis 42cM Gaynl Gary			

Table 5B Maternal 2nd Great Grandparents			
M2GG-A FrancisMcEnerney Mary Masterson	M2GG-B John O'Hara Julia Smith	M2GG-C Benjamin Halderman Emma Schneider	M2GG-D John Havens Jane Starr
		Martha Duncan 2C1R An Dennis 150 cM Gaynl 116 cM	

Table 6A Paternal 3rd Great Grandparents			
P3GG-A George Crook Anne Newman	P3GG-B David Johnson Elizabeth Bodily	P3GG-C	P3GG-D

Table 6B Paternal 3rd Great Grandparents			
P3GG-E Samuel Hine Mary —?—	P3GG-F Joseph Morrell Anna Stoner	P3GG-G Thomas Hoffstatter Catherine Waggoner	P3GG-H Henry Colby Louisa Snow
	John Alexander Woodhall T215681 3C1R An/FT/GM Dennis Gaynl Gary		

Table 6C Maternal 3rd Great Grandparents			
M3GG-A	M3GG-B	M3GG-C Michael O'Hara Honora Clark	M3GG-D

Table 6D Maternal 3rd Great Grandparents			
M3GG-E Benjamin Halderman Mary Hagerman	M3GG-F William Schneider Rebecca Zane	M3GG-G	M3GG-H William Starr [—?—]

Notes