

From Boskop Enoch to the Radhanites

Frank Dodd (Tony) Smith, Jr. - 2012-2016

Nicholas Wade, in a 7 December 1999 article in the New York Times, said:

"... Dr. Richard G. Klein of Stanford University and others believe that

some major genetically based neurological change,
like the development of language, occurred about 50,000 years ago.

... A ... genetic survey... drawing on DNA data from 50 ethnic groups around the world, concludes that the ancestral population from which the first emigrants came may have numbered as few as 2,000 people. ... Another new genetic study, by Dr. Marcus Feldman of Stanford University and others ... looked at segments of the Y chromosome ... they concluded that the most recent common ancestor of all these Y's was carried by a man who lived only 40,000 years or so ago. ... The 40,000-year date, which has a large range of uncertainty, is much more recent than others, in part because the earlier estimates were forced to assume, quite unrealistically, that the size of the human population remained constant throughout prehistory. Dr. Feldman assumed an exponentially expanding population, which yields a more recent date of origin....".

About 36,000 years ago the Geringa shock wave hit Earth;
the Late Wisconsin Glaciation of Earth began; and,
according to the Human History Chronology of Manetho (Egyptian historian ca. 343 BC):

about 36,525 years ago - Gods on Earth began to rule Earth,
ruling until

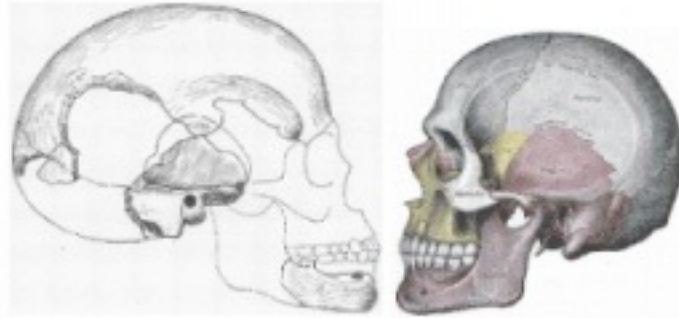
about 22,625 years ago - Demigods and Spirits of the Dead (followers of Horus)
succeeded them, ruling until

about 11,600 years ago - Mortal Humans began to rule Earth,
ruling up to the present day.

The time that the Earth was ruled by Gods, Demigods and Spirits of the Dead,
about $36,525 - 11,600 = 24,925$ years, is roughly the time of one Earth precession period,
which is also roughly the travel time of a light beam from the center of our Galaxy to our Sun.

Who were the Gods - Demigods who ruled Earth during the 24,925 years from 36,525 years ago to the beginning of the Holocene about 11,600 years ago ?

Gary Lynch and Richard Granger, in their book *Big Brain* (Macmillan 2008), said: the Boskop "... walked the plains of southern Africa ... 30,000 ... to ... 10,000 years ago ... they were about our size ... but their brains were far larger than our own. ...".



**Comparison of Restoration of Boskop skull
next to a Modern Human Skull.**

(image is from a 29 April 2008 ebcak.com post by adminbcak)

Richard Poe, in his book *"Black Spark, White Fire"* (Prima 1997), quoted Diodorus of Sicily as saying:

"Now the Ethiopians ... were the first of all men. ... the Egyptians are colonists sent out by the Ethiopians, Osiris having been the leader of the colony ... Osiris ... gathered together a great army, with the intention of visiting all the inhabited earth and teaching the race of men how to cultivate ... for he supposed that if he made men give up their savagery and adopt a gentle manner of life he would receive immortal honors. ...".

Greek Hermes and Arabic Idris and Sufi Khidr = Khizar (compare Khazar), and the teaching aspects of the IFA Orisha Ogun and Egyptian Thoth and Osiris, have been identified with Enoch.

1 Enoch (Ethiopic Enoch) Chapters 1, 28, 33, 41, 43, 44, 65:

"... Enoch ... saw the vision of the Holy One in heaven ... and understood ...

Enoch ... saw a wilderness ... full of trees and plants. And water ...

and ... large beasts ... and birds ... and ... the stars of heaven ...

Enoch ... saw all the secrets of the heavens ... the secrets of the lightning and of the thunder

... of the winds ... of the clouds and dew ... the sun and moon ... the stars ...

some of the stars arise and become lightning ...

how silver is produced from the dust of the earth, and how soft metal originates in the earth ...".

How could the mind of Boskop Enoch have comprehended the Secrets of Heaven ?

Endogenous DMT enhanced perception might have given Enoch/Boskops mental/spiritual abilities described by Terence McKenna in his May 1993 OMNI magazine interview:

"... MCKENNA: ... From 75,000 to about 15,000 years ago, there was a kind of human paradise on Earth. ...

Nobody went more than three or four weeks before they were redissolved into pure feeling and boundary dissolution. ... DMT drops you into a place where the stress is on a transcending language. ... You burst into a space. ...

The world is not a single, one-dimensional, forward-moving, causal, connected thing, but some kind of interdimensional nexus. ... entities are there ... They are teaching something.

There is a higher dimensional language that condenses as a visible syntax. ... they ... offer you something ... so beautiful, so intricately wrought, so something else that cannot be said in English, that just gazing on this thing, you realize such an object is impossible. ... The object generates other objects, and it's all happening in a scene of wild merriment and confusion. ... [compare El Aleph, written in 1945 by Jorge Luis Borges]

Something in an unseen dimension is acting as an attractor for our forward movement in understanding. ... It's a point in the future that affects us in the present. ...

Our model that everything is pushed by the past into the future, by the necessity of causality, is wrong.

There are actual attractors ahead of us in time -- like the gravitational field of a planet. Once you fall under an attractor's influence, your trajectory is diverted. ...

I think [that the attractor has a kind of intelligence]...".

Around 11,600 years ago, about when the Vela X supernova was seen in Earth, a very sudden (50 years or so) warming event ended the Ice Age and marked the start of the Holocene Age of warm climate and glacial retreat, and rising sea levels flooded much productive land creating shortages of food and consequently competition for available food, and what Terence McKenna called "tooth-and-claw dominance". As Gary Lynch and Richard Granger said in their 28 December 2009 Discover Magazine article: "... human history has often been a history of savagery. ... Perhaps the preternaturally civilized Boskops had no chance against our barbarous ancestors ...".

Not only might the "preternaturally civilized" Boskops have been at a physical disadvantage in fighting smaller-brain humans, but the social organizations useful in forming successful armies to seize resources might tend to create evolutionary pressure in favor of humans with less creativity and more blind-faith obedience to authority. Further, as John Hawks said on his weblog on 30 March 2008, "... brains are [energetically] expensive ... brains take a long time to mature ... brains require high protein and fat consumption ... there has been a reduction in the average brain size in South Africa during the last 10,000 years, and there have been parallel reductions in Europe and China -- pretty much everywhere we have decent samples of skeletons, it looks like brains have been shrinking ...".

All this is consistent with the Vedic view (see nersp.nerdc.ufl.edu/~ghi/vcchap.html) of what happened after about 11,600 years ago,

into the Bronze and Iron Ages and on through the present Industrial Age:

"... prior to the beginning of Kali-yuga ...

all living beings were on a higher average level than they are at present, and advanced beings such as demigods and great sages regularly visited the earth. ...

Once the Kali-yuga began,

demigods and higher beings greatly curtailed communications with people on the earth, and the general sensory level of human beings also declined. ...

due to the lack of feedback from higher sources

and the natural cheating propensity of human beings,

the traditions ... became more and more garbled ...

the present stage of civilization was reached,

in which old traditions are widely viewed as useless mythology,

and people seek knowledge entirely through the use of their current, limited senses."

It is also consistent with 1 Enoch (Ethiopic Enoch) Chapters 106, 107, 100:

"... after that (flood) there shall be more unrighteousness ...

generation after generation shall transgress,

until a generation of righteousness arises ...

wise men will seek the truth and ... will understand ...

and transgression is destroyed ... and all manner of good comes on ... the earth ...".

What were the unrighteous transgressions ?

Note - the English term "giants" in books of Enoch and in the Torah is a mistranslation of the Hebrew word "Nephilim" which, in my opinion, should be translated as "those who kill and ruin", or, for a short equivalent singular term, "Army" (compare USA Marines whose goal is to kill people and break things), so I will use the term "Army" in Enochian quotations herein. Also, the "size" of Nephilim = Army means the numbers/firepower of the Army, not the physical size of the individual soldiers, and I will modify quotations accordingly as may be necessary or convenient for clear understanding.

1 Enoch (Ethiopic Enoch) Chapters 6, 7, 10, 12:

"... two hundred ... angels ... the Watchers ... descended ... and bound themselves by mutual curses ... And ... took wives ... and ... taught ... charms and spells ...
And the women ... bare large Armies ...
The Armies consumed all the work and toil of men ... when the men could no longer sustain them, the Armies turned against them and devoured mankind ...
And they began to sin against birds, and beasts, and reptiles, and fish ... and one another...
Then the earth laid accusation against the lawless ones. ...
Then said ... the Great and Holy One ... "Go to Noah and tell him in my name
"Hide yourself!" and reveal to him the end that is approaching:
that ... a flood is about to come on the whole earth ..." ...
Then Enoch disappeared and no children of men knew where he was hidden ...".

3 Enoch (Hebrew Book of Enoch) Chapters 4, 6, 10, 15, 17, 19, 21, 33:

"... Metatron ... said ... I am Enoch ... When the generation of the of the flood sinned and twisted and contorted in their deeds, saying unto God:
"Department from us! We do not want the knowledge of your ways,"
... then the Holy One ... removed me from their midst ...
he lifted me up to heavens together with the Shekina ...
and the announcement went forth ... "This is Metatron ...
Metatron['s] ... flesh was changed into flames ... muscles into flaming fire ...
bones into coals of juniper wood ... light of ... eye-lids into hot flames ...
all ... limbs into wings of burning fire ... body into flowing fire ...
the Holy One ... caused 72 wings to grow on ... Metatron ... and attached to Metatron 365 eyes ...
the Holy One ... took ... Metatron ... to attend the Throne of Glory and the Wheels ... of the Merkaba ... and the service of Shekina ...
the wheels of Merkaba ... are ... Eight, two in each direction ...
the feet of the ... Four Chayoth ... are resting on the wheels ...
Each Chaya ... has four faces ... The size of the faces is 248 faces ...
Each one has four wings ... the size of the wings is 365 wings ...
seven ... princes ... are assigned over the seven heavens ...
each one of them is accompanied by 496 thousand groups of ten-thousand ... angels ...

Metatron ... said ... At the time that the Holy One ... is sitting on the Throne of Judgment ...
 The Holy Chayoth carry the Throne of Glory ...
 And underneath the feet of the Chayoth there are seven rivers of fire running and flowing.
 And the distance across is 365 thousand parasangs
 and its depth is 248 thousand times ten-thousand parasangs. ...
 And each river turns around in a bow in the four directions of Araboth ... of Raquia ...
 and from there it falls down to Maon ... to Zebul ... to Shechaqim ... to Raquia ... to Shamayim ...
 from Shamayim it flows on the head of the wicked who are in Gehenna ...".

7 = Imaginary Octonions = Number of E8 Lattices

72 = root vectors of 78-dimensional E6 Lie algebra

78 = Tarot cards

365 = central number of 9x9x9 Magic Cube and 27x27 Magic Square

(compare days/year and degrees/circle and 27-dim Jordan algebra J3(O))

8 = 4+4 = dimension of Kaluza-Klein spacetime

248 = dimension of E8 Lie algebra = dimension of SL(8)xH92 Quantum Algebra

(each of which is contained in Clifford Algebra Cl(8))

(SL(8)xH92 = contraction of E8)

496 = 248 + 248 = E8 + SL(8)xH92 contained in Clifford Algebra Cl(16) = Cl(8)xCl(8)

(4 Chaya x 4 faces) x (4 Chaya x 4 wings) = 16x16 = 256-dim Cl(8) and IFA

E8 has 240 root vectors (Fermionic from D8 half-spinor; Bosonic from D8 adjoint):

Fermionic Anticommutators: 64 = 8x8 particle components; 64 = 8x8 antiparticle components;

Bosonic Commutators: 64 spacetime (8 position x 8 momentum); 24 + 24 of two D4

E6 has 72 root vectors (Fermionic from D5 spinor; Bosonic from D5 adjoint):

Fermionic Anticommutators: 16 = 8x2 particles (complex); 16 = 8x2 antiparticles (8 complex);

Bosonic Commutators: 16 = 8x2 spacetime (8 complex position); 24 of one D4

E8 - E6 has 48 = 8x6 particle components; 48 = 8x6 antiparticle components (Fermionic);

48 = 8x6 spacetime; 24 of another D4 (Bosonic)

for a total of 24x7 = 168 root vectors.

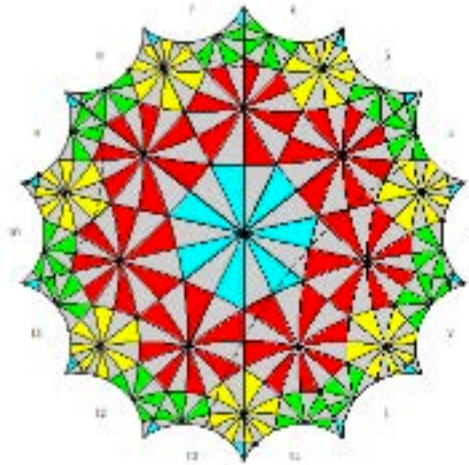
168 = $2^3 \times 3 \times 7$ is the order of $PSL(2,7) = SL(3,2)$ which is a simple group of Lie type
 and can be thought of as the group of linear fractional transformations of the vertices of
 a heptagon or the 7 imaginary Octonions or the 7 independent E8 lattices.

The book The Eightfold Way: The Beauty of Klein's Quartic Curve, edited by Silvio Levy
 (MSRI Publications -- Volume 35, Cambridge University Press, Cambridge, 1999) describes the
 roots of the Klein Quartic Equation

$$x^3 y + y^3 z + z^3 x = 0$$

which has the symmetry group $PSL(2,7)$.

To represent the roots, Felix Klein constructed the Klein Configuration:



$$\text{Cl}(8N) = \text{Cl}(8) \times \dots (N \text{ times tensor product}) \dots \times \text{Cl}(8)$$

$$\text{Cl}(16) = \text{C}(8) \times \text{Cl}(8)$$

$$\text{Cl}(8) = 2^8 = 256 = 16 \times 16$$

$$E8 = 248 = 120 + 128$$

$$D8 = 120 \text{ with spinor } 128+128$$

$$E7 = 66 + 64 + 3$$

$$B7 = 105 \text{ with spinor } 128$$

$$D7 = 91 \text{ with spinor } 64+64$$

$$E6 = 78 = 45 + 32 + 1$$

$$B6 = 78 \text{ with spinor } 64$$

$$D6 = 66 \text{ with spinor } 32+32$$

$$B5 = 55 \text{ with spinor } 32$$

$$D5 = 45 \text{ with spinor } 16+16$$

$$F4 = 36 + 16$$

$$B4 = 36 \text{ with spinor } 16$$

$$D4 = 28 \text{ with spinor } 8+8$$

$$B3 = 21 \text{ with spinor } 8$$

$$D3 = 15 \text{ with spinor } 4+4 = A3$$

$$G2 = 14 = A2 + S6$$

As Terence McKenna said in his May 1993 OMNI magazine interview:

"... For 10,000 years ... we've pursued an agenda of beasts and demons ...

If history goes off endlessly into the future,

it will be about scarcity, preservation of privilege, forced control of populations,

the ever-more-sophisticated use of ideology to enchain and delude people.

We are at the breakpoint.

It's like when a woman comes to term ...

if the child is not severed from the mother and launched into its own separate existence, toxemia will set in and create a huge medical crisis.

The mushrooms said clearly,

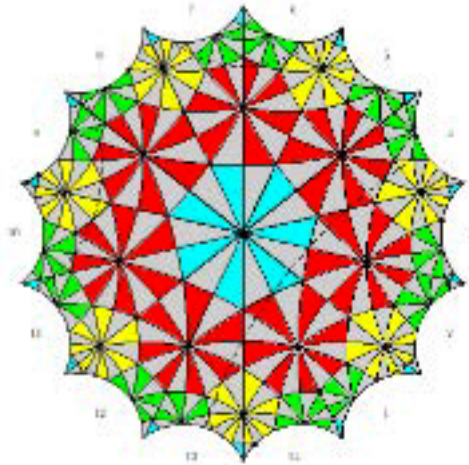
"When a species prepares to depart for the stars, the planet will be shaken to its core."

All evolution has pushed for this moment, and there is no going back.

What lies ahead is a dimension of such freedom and transcendence,

that once in place, the idea of returning to the womb will be preposterous.

We will ... expand infinitely into pleasure, caring, attention, and connectedness. ...".



$$\text{Cl}(8N) = \text{Cl}(8) \times \dots (N \text{ times tensor product}) \dots \times \text{Cl}(8)$$

$$\text{Cl}(16) = \text{C}(8) \times \text{Cl}(8)$$

$$\text{Cl}(8) = 2^8 = 256 = 16 \times 16$$

$$E8 = 248 = 120 + 128$$

$$D8 = 120 \text{ with spinor } 128+128$$

$$E7 = 66 + 64 + 3$$

$$B7 = 105 \text{ with spinor } 128$$

$$D7 = 91 \text{ with spinor } 64+64$$

$$E6 = 78 = 45 + 32 + 1$$

$$B6 = 78 \text{ with spinor } 64$$

$$D6 = 66 \text{ with spinor } 32+32$$

$$B5 = 55 \text{ with spinor } 32$$

$$D5 = 45 \text{ with spinor } 16+16$$

$$F4 = 36 + 16$$

$$B4 = 36 \text{ with spinor } 16$$

$$D4 = 28 \text{ with spinor } 8+8$$

$$B3 = 21 \text{ with spinor } 8$$

$$D3 = 15 \text{ with spinor } 4+4 = A3$$

$$G2 = 14 = A2 + S6$$

As Terence McKenna said in his May 1993 OMNI magazine interview:

"... For 10,000 years ... we've pursued an agenda of beasts and demons ...

If history goes off endlessly into the future,

it will be about scarcity, preservation of privilege, forced control of populations,

the ever-more-sophisticated use of ideology to enchain and delude people.

We are at the breakpoint.

It's like when a woman comes to term ...

if the child is not severed from the mother and launched into its own separate existence,

toxemia will set in and create a huge medical crisis.

The mushrooms said clearly,

"When a species prepares to depart for the stars, the planet will be shaken to its core."

All evolution has pushed for this moment, and there is no going back.

What lies ahead is a dimension of such freedom and transcendence,

that once in place, the idea of returning to the womb will be preposterous.

We will ... expand infinitely into pleasure, caring, attention, and connectedness. ...".

50,000 years ago - Africa Emigration/Trade to Japan and Tibet

**36,000 to 12,000 years ago - Boskop/Enoch emerged,
built Giza Pyramids, went away**



12,000 years ago -

1 Enoch (Ethiopic Enoch) Chapter 21 v. 2-3:

"... I saw neither a heaven above nor a firmly founded earth,
but a place chaotic and horrible ... seven stars of heaven
bound together in it, like great mountains and burning with fire ...".

Comet Encke (parent of the Taurid meteors) may have been
about the size of Comets Hale-Bopp and Sarabat (about 100 km).

Its initial breakup may have been about 12,000 years ago,
roughly coincident with the Vela X Supernova and the end of the Ice Age.
Observers on Earth see the Taurids as appearing to come from a radiant point
in Taurus near the seven stars bound together in the Pleiades.

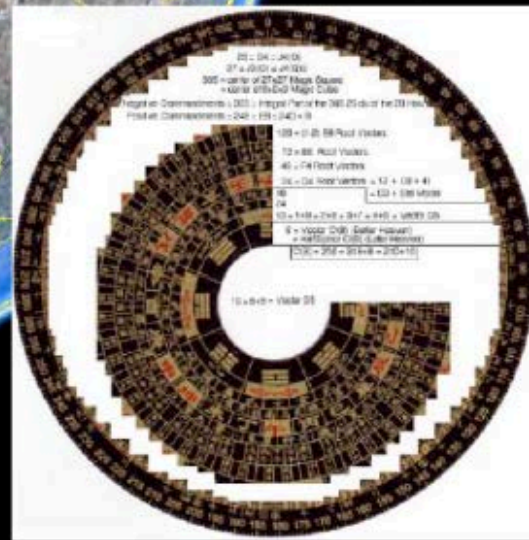
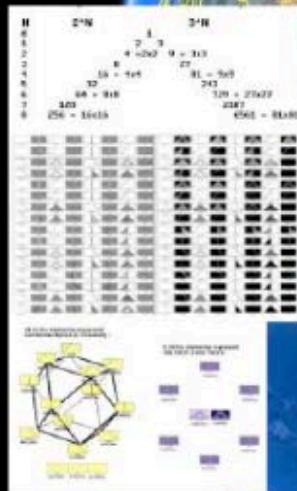
- Noah (normal descendant of Enoch) and the Flood

12,000 years ago - Flood takes Noah to Africa
Nile takes Moses from Abraham to Giza
Moses from Giza to Sinai
Solomon builds Temple
Temple lost to Babylon



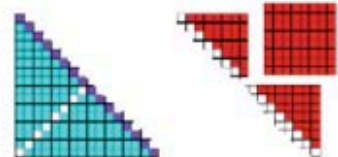
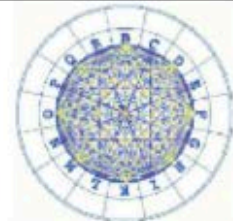
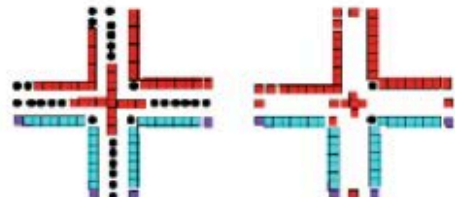
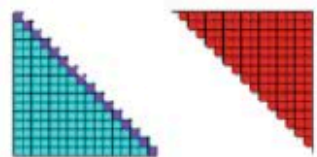
After Babylon:
Return to Temple or Expand to Radhanite/Khazar

After Hitler:
Return to Temple or Expand to New York



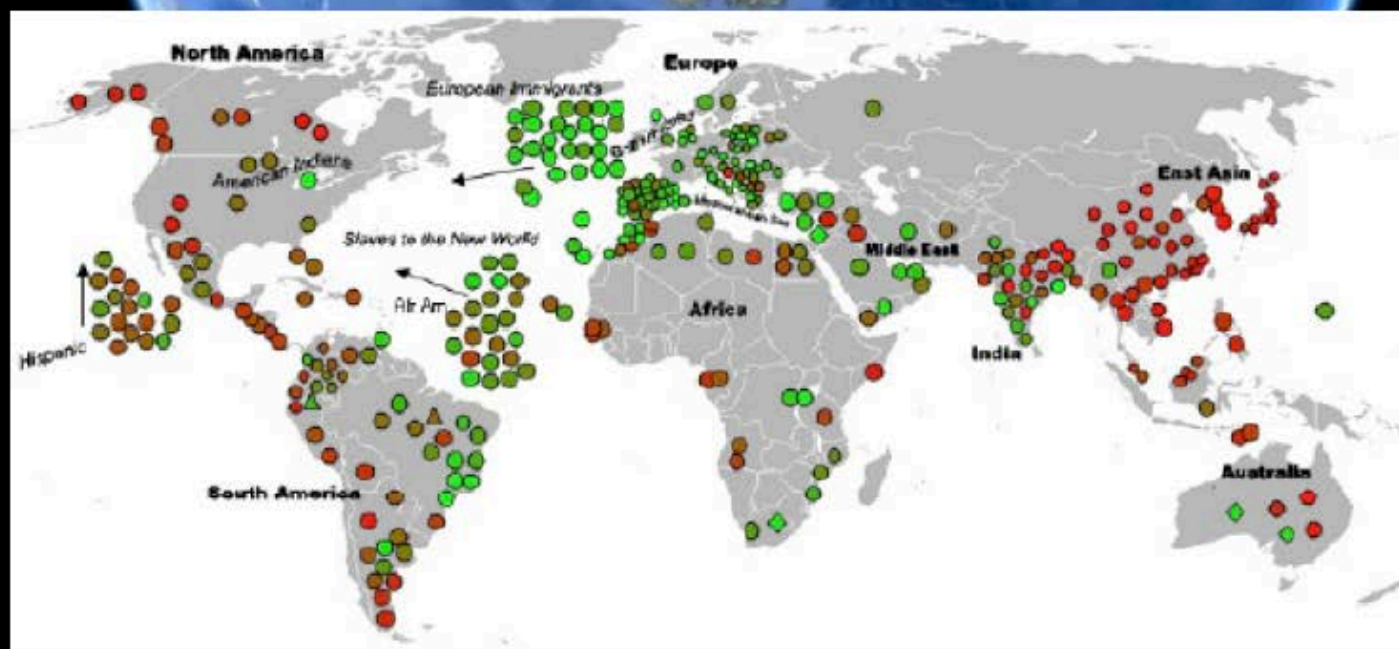
३३	आप्रोपौलैः पुराणिं वृत्तस्य दैवमूर्तिवन्म	होतारैः स्रष्टारान्मयम्
	आप्रः प्रबोधोऽप्रियोऽप्येव नूननिवृत्त	यु दैवो वृत्त कर्माति
	आप्रिनोः सर्वमश्रवणोपयोगं दिव्योर्देव	पशानो दान्यवसम्पदम्
	अष्टे य प्रत्यक्षं च विधानोः परिपूर्वम्	स योऽष्टेनैव हव्यते
	आप्रोर्देवोऽपि कविकैः गुल्फोद्वाहश्चरमता	दैवो देवोऽन्य गम्यन्
	पद्मं वसुधैव कुटुम्बकम् इदं करिष्यते	सर्वेत्तन्मृग्योर्देव
	अथ त्वारो दिव्येदेव देवाण्यस्युत्पत्त्या वृत्तम्	नमो ब्रह्मन् एतमसि
	राजन्त्यस्यस्योक्तं गङ्गाप्रमृताय दीर्घायम्	विष्णवेन स्वे देवसि
	स नो तित्थेयं वसुदेवो देवतावनो जयं	वृत्तेशः नान् स्रष्टारान्

The first richa of the first sukt has 24 syllables plus 24 gaps. It is followed by 8 lines, each with $8+8 = 16$ Sanskrit syllables left of the I line and 8 Sanskrit syllables right of the I line, for 24 Sanskrit syllables per line and $8 \times 24 = 192$ syllables for all 8 lines. The grand total is $24+24+192 = 240 = \text{Root Vectors of E8}$.





Japan



EDEN

A RIVER RUNS OUT OF EDEN TO WATER THE GARDEN, AND IT THEN DIVIDES AND BECOMES FOUR STREAMS. THE NAME OF THE FIRST IS PISHON, THE ONE THAT WINDS THROUGH THE WHOLE LAND OF HAVILAH, WHERE THERE IS GOLD. THE GOLD OF THAT LAND IS GOOD; EDEL-
LUM IS THERE, AND LAPIS LAZULI.

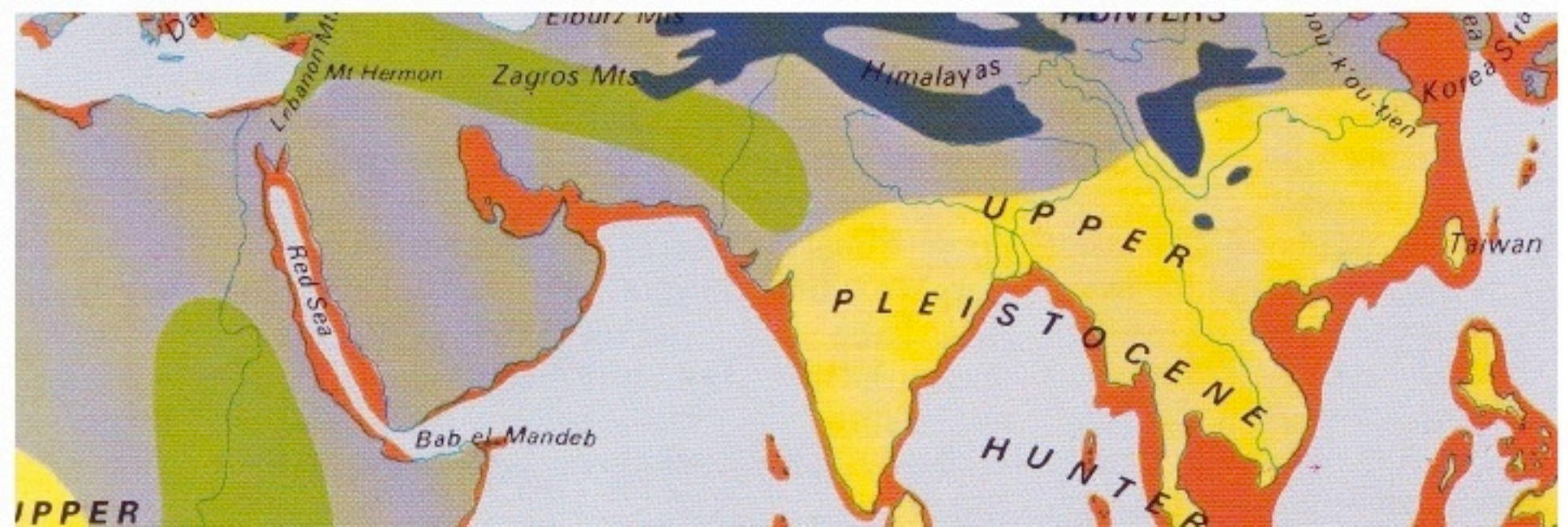


AND THE NAME OF THE SECOND RIVER IS GIHON, THE ONE THAT WINDS THROUGH THE WHOLE LAND OF CUSH.



AND THE NAME OF THE THIRD RIVER IS TIGRIS, THE ONE THAT GOES TO THE EAST OF ASHUR, AND THE FOURTH RIVER IS EUPHRATES.





"... Lake Van is one of the world's largest endorheic lakes (having no outlet). The original outlet from the basin was blocked by an ancient volcanic eruption. ... The lake's outlet was blocked at some time during the Pleistocene, when lava flows from Nemrut volcano blocked westward outflow ... Nemrut Dagı is close to the western shore of the lake,



and another dormant stratovolcano, Suphan Dagı dominates the northern side of the lake. ...

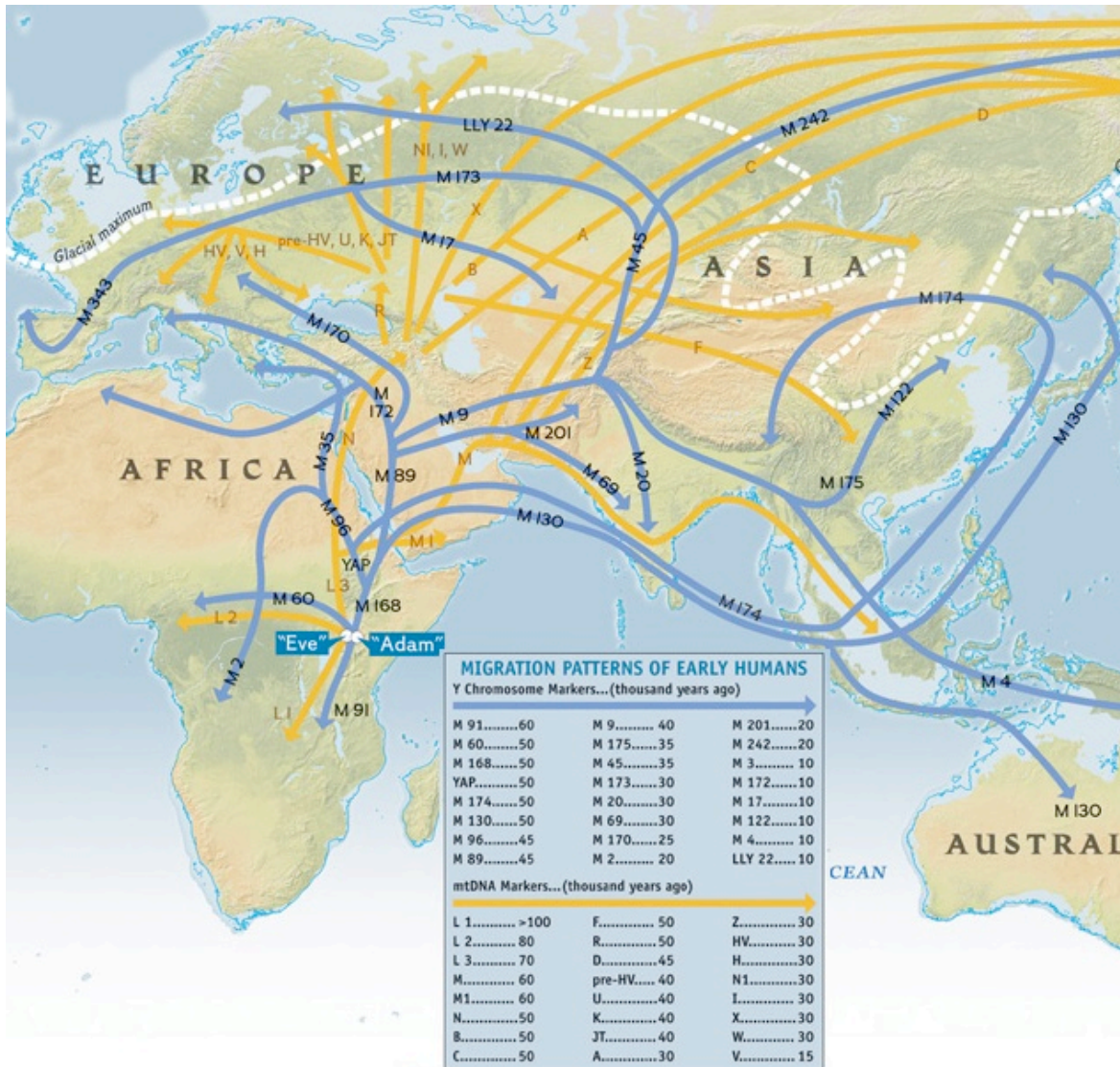
the highest lake levels (72 metres (240 ft) above the current height) had been during the last ice age, about 18,000 years ago.

About 9,500 years ago there was a dramatic drop to more than 300 metres (980 ft) below the present level.

This was followed by an equally dramatic rise around 6,500 years ago. ...". (text from Wikipedia on Lake Van, image from google earth)



The mitochondrial mtDNA Markers of this map (from the National Geographic Genographic program)



show that migration out of the Urartian Eden of Genesis near Lake Van took place around 50 kyr to 30 kyr ago, somewhat before the highest lake levels of Lake Van (about 18 kyr ago), and so possibly related to volcanic activity of Nemrut Dagı.

From this point of view, the Eden of Genesis would have been a later center of civilization than the original Human Origin site of Mitochondrial Eve, which would have been in the African Nile Valley over 100 kyr ago.

According to Genographic materials: "... modern Homo sapiens evolved 200,000 years ago in the highlands of East Africa. Geneticists agree, tracing the mitochondrial DNA of everyone alive today back to the ancestral female who lived in the region roughly 150,000 years ago. ... an early ... mtDNA ... lineage ... L3 ... stem[s] from the "Eve" rootstock, probably appearing in northeast Africa around 70,000 years ago ... it branched ...

M ... points toward Australia but gave rise along the way to lineages (C, D, Z) ... found in Central Asia and Siberia ...

N ... reflect[s] movement up through the Middle East into Eurasia, where subsequent lineages (X, A, B, and R among them) branch north toward the Arctic [A, X, a branch of B], west toward Europe [R], and east toward central China [F and a branch of B] ...

"Eve" is mirrored by an "Adam" who dwelt on those same savannas about 60,000 years ago ...

Early mutations (M91, M60) on the Y chromosome rootstock bequeathed by "Adam" are found in modern African males ...

Soon thereafter, another mutation(M168) arose in ... northeast Africa - and the lineages he fathered colonized the rest of the world ...

YAP ... reflect[ed] subsequent movements in Africa [M96, M2] , the Mediterranean [M96, M35], and East Asia [M174], but its incidence is rare today in most non-African populations ...

M130, [f]ound principally in Southeast Asian and Australian Aboriginal males ... reflects what may be the earliest substantial migration out of Africa, occurring more than 50,000 years ago. Sea levels were lower then, and these beachcombing humans probably followed the long sandy coasts of Arabia, India, and Southeast Asia ...

M89 ... indicates a migration that left northeast Africa and entered the Middle East about 45,000 years ago. Crossing the margins of Arabia, M89 gave rise to further lineages,

including M9, which marks a turn east toward the game-rich Eurasian grasslands. ... When they encountered the great mountain ranges of the Hindu Kush, the Pamirs, and the Tien Shan, these tribes then dispersed in different directions, each ... traced by its own genetic marker ...

M175 ... skirted the mountains and desert to arrive in China ...

M20 ... crossed the high passes into India ...

M45 ... turned to the north toward the broad rolling steppes of Central Asia ...[and]... eventually gave rise to most of the peoples of Western Europe, Siberia, and the Americas ...

The true European ancestors were the tall, lithe newcomers bearing the genetic marker M173 on their Y chromosomes, who arrived after generations spent on the Central Asian steppes ...".

My personal DNA migration track can be tracked three ways:

Maternal mtDNA - purely female ancestor line - according to Genographic materials and results of November 2009: "... [My U5 haplogroup mtDNA path L1 - L2 - L3 - N - R - U5 started around 150,000 to 170,000 years ago in the Abyssinian Highlands and Rift Valley near the Lake Tana origin of the Blue Nile, then west to the Congo, then northeast across the Nile River and the Red Sea to Eden, then, around 50,000 years ago north along the Pishon = Aras + Volga to Finland and Scandinavia.] ...

...



A RIVER RUNS OUT OF EDEN TO WATER THE GARDEN, AND IT THEN DIVIDES AND BECOMES FOUR STREAMS. THE NAME OF THE FIRST IS PISHON, THE ONE THAT WINDS THROUGH THE WHOLE LAND OF HAVILAH, WHERE THERE IS GOLD. THE GOLD OF THAT LAND IS GOOD; EDEL- DIUM IS THERE, AND LAPIS LAZULI.



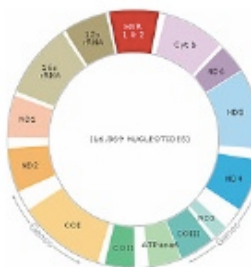
Type : mtDNA
Haplogroup : U5

Your Mitochondrial HVR I Sequence

16192T, 16256T, 16270T, 16291T, 16399G

```
ATTCTAATTAACTATTCTCTGTTCTTTCATGGGGAAGCAGATTGGGTA
CCACCCAAGTATTGACTCACCATCAACAACCGCTATGTATTTCGTACATT
ACTGCCAGCCACCATGAATATTGTACGGTACCATAAATACTTGACCACCTG
TAGTACATAAAAAACCAATCCACATCAAAACCCCTCC CATGCTTACAAG
CAAGTACAGCAATCAACCCCTCAACTATCACACATCAACTGCAACTCCAAAG
T CACCCCTCACCCA TAGGATACCAACAAACCTACT CACCCTTAACAGTAC
ATAGTACATAAAGCCATTTACCGTACATAGCACATTACAGTCAAATCCCTT
CTCGTCCCCTATGGATGACCCCCCTCAGATAGGGGTCCCTTG G CACCATCC
TCCGTGAAATCAATATCCCGCACAAAGTGTCTACTCTCTCGCTCCGGGCC
CATAACACTTGGGGGTAGCTAAAGTGAAGTGTATCCGACATCTGGTTCCTA
CTTCAGGGTCATAAAGCCATAATAGCCACACGTTCCCTTAAATAAGACA
TCACGATG
```

Key C Substitution(transition) G Substitution(transversion) - Insertion _ Deletion



... Homo sapiens evolved in Africa around 200,000 years ago, and the first hominids characterized by their unique bipedal stature appeared nearly two million years before that. ... about 150,000 to 170,000 years ago, a woman was born from whom we are all descended. ... Eventually, for any number of reasons, all of the other lineages of people went extinct, and "Mitochondrial Eve" as we call her, was the only female who had descendants that are now living in the present day. ...

The L Haplogroups: The Deepest Branches ... L1 ... likely originated in East Africa and then spread throughout the rest of the continent. ...

Haplogroup L2: West Africa ... L2 individuals are most predominant in West Africa ...

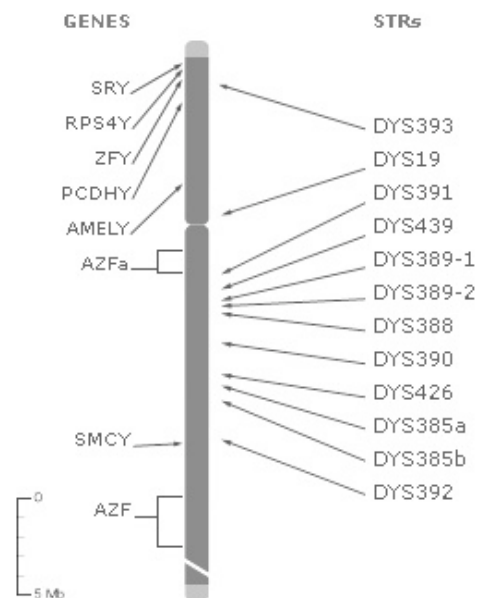
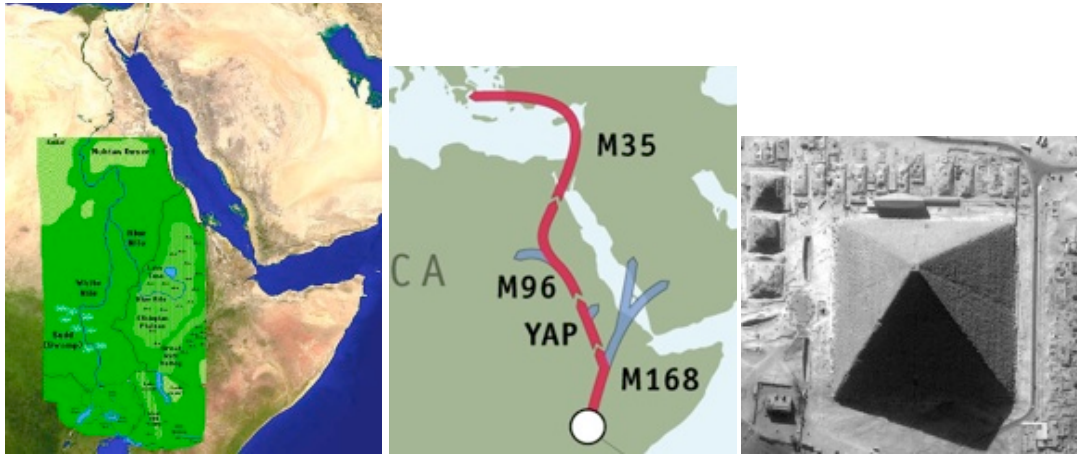
Haplogroup L3: Out of Africa ... around 80,000 years ago began haplogroup L3. ... L3 is important for its movements north. ... they are the first modern humans to have left Africa, representing the deepest branches of the tree found outside of that continent. ... Around 50,000 years ago the ice sheets of northern Europe began to melt, introducing a period of warmer temperatures and moister climate in Africa. Parts of the inhospitable Sahara briefly became habitable. ... Your nomadic ancestors followed the good weather and plentiful game northward ...

Haplogroup N: The Incubation Period [in Eden] ... The second great wave, also of L3 individuals, moved north rather than east and left the African continent across the Sinai Peninsula ...

Haplogroup R: Spreading Out [along the Pishon = Aras + Volga] ... Some moved south [along the Gihon = Ceyhan + Nile], migrating back into northern Africa. Others went west [along the Tigris and Euphrates] across Anatolia (present-day Turkey) and north [along the Pishon = Aras + Volga] across the Caucasus Mountains of Georgia and southern Russia ...

Haplogroup U5: [Finland] ... the most recent common ancestor for all U5 individuals ... broke off from the rest of the group and headed north into Scandinavia. ... U5 is ... estimated to be around 50,000 years old. U5 is quite restricted in its variation to Scandinavia, and particularly to Finland. ...".

Paternal Y chromosome - purely male ancestor line - according to Genographic materials and results of November 2009: "... [My E3b1 haplogroup Y-chromosome path M168 - YAP - M96 - M35 started about 60,000 years ago in the Abyssinian Highlands and Rift Valley near the Lake Tana origin of the Blue Nile, then up the Nile Valley to the Giza site of the Great Pyramid, and then across the Mediterranean to the Aegean - Adriatic area around 20,000 years ago.] ...



... Type Y-Chromosome Haplogroup E3b1(M35)

Your STRs

- DYS393: 13
- DYS439: 12
- DYS388: 12
- DYS385a: 15
- DYS19: 13
- DYS389-1: 13
- DYS390: 24
- DYS385b: 19
- DYS391: 10
- DYS389-2: 17
- DYS426: 11
- DYS392: 11

... Above are results from the laboratory analysis of your Y-chromosome. Your DNA was analyzed for Short Tandem Repeats (STRs), which are repeating segments of your genome that have a high mutation rate. The location on the Y chromosome of each of these markers is depicted in the image, with the number of repeats

for each of your STRs presented to the right of the marker. For example, DYS19 is a repeat of TAGA, so if your DNA repeated that sequence 12 times at that location, it would appear: DYS19 12. Studying the combination of these STR lengths in your Y Chromosome allows researchers to place you in a haplogroup, which reveals the complex migratory journeys of your ancestors. ...

Your Y-chromosome results identify you as a member of haplogroup E3b1.

The genetic markers that define your ancestral history reach back roughly 60,000 years to the first common marker of all non-African men, M168, and follow your lineage to present day, ending with M35, the defining marker of haplogroup E3b1. Some in this lineage also carry the markers M215 (E3b), M35 (E3b1), M78 (E3b1a), M81 (E3b1b), M183 (E3b1b2), M123 (E3b1c), and M34 (E3b1c1).

If you look at the map highlighting your ancestors' route, you will see that members of haplogroup E3b1 carry the following Y-chromosome markers:

M168 > YAP > M96 > M35

Today, the E3b1 line of descent is most heavily represented in Mediterranean populations. Approximately 10 percent of the men in Spain belong to this haplogroup, as do 12 percent of the men in northern Italy, and 13 percent of the men in central and southern Italy. Roughly 20 percent of the men in Sicily belong to this group. In the Balkans and Greece, between 20 to 30 percent of the men belong to E3b1, as do nearly 75 percent of the men in North Africa. The haplogroup is rarely found in India or East Asia. Around 10 percent of all European men trace their descent to this line. For example, in Ireland, 3 to 4 percent of the men belong; in England, 4 to 5 percent; Hungary, 7 percent; and Poland, 8 to 9 percent. Nearly 25 percent of Jewish men belong to this haplogroup. ...

M168: Your Earliest Ancestor ... arose ... in northeast Africa ... and the lineages he fathered colonized the rest of the world ..

- Time of Emergence: Roughly 50,000 years ago
- Place of Origin: Africa
- Climate: Temporary retreat of Ice Age; Africa moves from drought to warmer temperatures and moister conditions
- Estimated Number of Homo sapiens: Approximately 10,000
- Tools and Skills: Stone tools; earliest evidence of art and advanced conceptual skills

Skeletal and archaeological evidence suggest that anatomically modern humans evolved in Africa around 200,000 years ago, and began moving out of Africa to colonize the rest of the world around 60,000 years ago. The man who gave rise to the first genetic marker in your lineage probably lived in northeast Africa in the region of the Rift Valley, perhaps in present-day Ethiopia, Kenya, or Tanzania, some 31,000 to 79,000 years ago. Scientists put the most likely date for when he lived at around 50,000 years ago. His descendants became the only lineage to survive outside of Africa ... It is likely that a fluctuation in climate may have provided the impetus for your ancestors' exodus out of Africa. The African ice age was characterized by drought rather than by cold. It was around 50,000 years ago that the ice sheets of northern Europe began to melt, introducing a period of warmer temperatures and moister climate in Africa. Parts of the inhospitable Sahara briefly became habitable. As the drought-ridden desert changed to a savanna, the animals hunted by your ancestors expanded their range and began moving through the newly emerging green corridor of grasslands. Your nomadic ancestors followed the good weather and the animals they hunted, although the exact route they followed remains to be determined. ... around this same time there was a great leap forward in modern humans' intellectual capacity. ...

YAP: An Ancient Mutation ... gave rise to further markers (M96, M174) apparently reflecting subsequent movements in Africa, the Mediterranean , and East Asia, but its incidence is rare today in most non-African populations ...

- Time of Emergence: Roughly 50,000 years ago

- Place of Origin: Africa
- Climate: Temporary retreat of Ice Age; Africa moves from drought to warmer temperatures and moister conditions
- Estimated Number of Homo sapiens: Approximately 10,000
- Tools/Skills: Stone tools; earliest evidence of art and advanced conceptual skills

Sub-Saharan populations living today are characterized by one of three distinct Y-chromosome branches on the human tree. Your paternal lineage E3a falls under one of these ancient branches and is referred to by geneticists as YAP. YAP occurred around northeast Africa and is the most common of the three ancient genetic branches found in sub-Saharan Africa. It is characterized by a mutational event known as an Alu insertion, a 300-nucleotide fragment of DNA which, on rare occasion, gets inserted into different parts of the human genome during cell replication. A man living around 50,000 years ago, your distant ancestor, acquired this fragment on his Y-chromosome and passed it on to his descendants. Over time this lineage split into two distinct groups.

One is found primarily in Africa and the Mediterranean, is defined by marker M96 and is called haplogroup E.

The other group, haplogroup D, is found in Asia and defined by the M174 mutation. ...

M96: Moving Out of Africa ...[to]... the Mediterranean ...

- Time of Emergence: 30,000 to 40,000 years ago
- Place of Origin: Africa
- Climate: Dry Ice Age
- Estimated Number of Homo sapiens: Tens of thousands
- Tools/Skills: Upper Paleolithic

The next man in your ancestral lineage was born around 30,000 to 40,000 years ago in northeast Africa and gave rise to marker M96 ... an ancient African lineage that chose to move north ... Beginning about 40,000 years ago, the climate shifted once again and became colder and more arid. Drought hit Africa and the grasslands reverted to desert; for the next 20,000 years, the Saharan Gateway was effectively closed. ...

M35: Neolithic Farmers ...

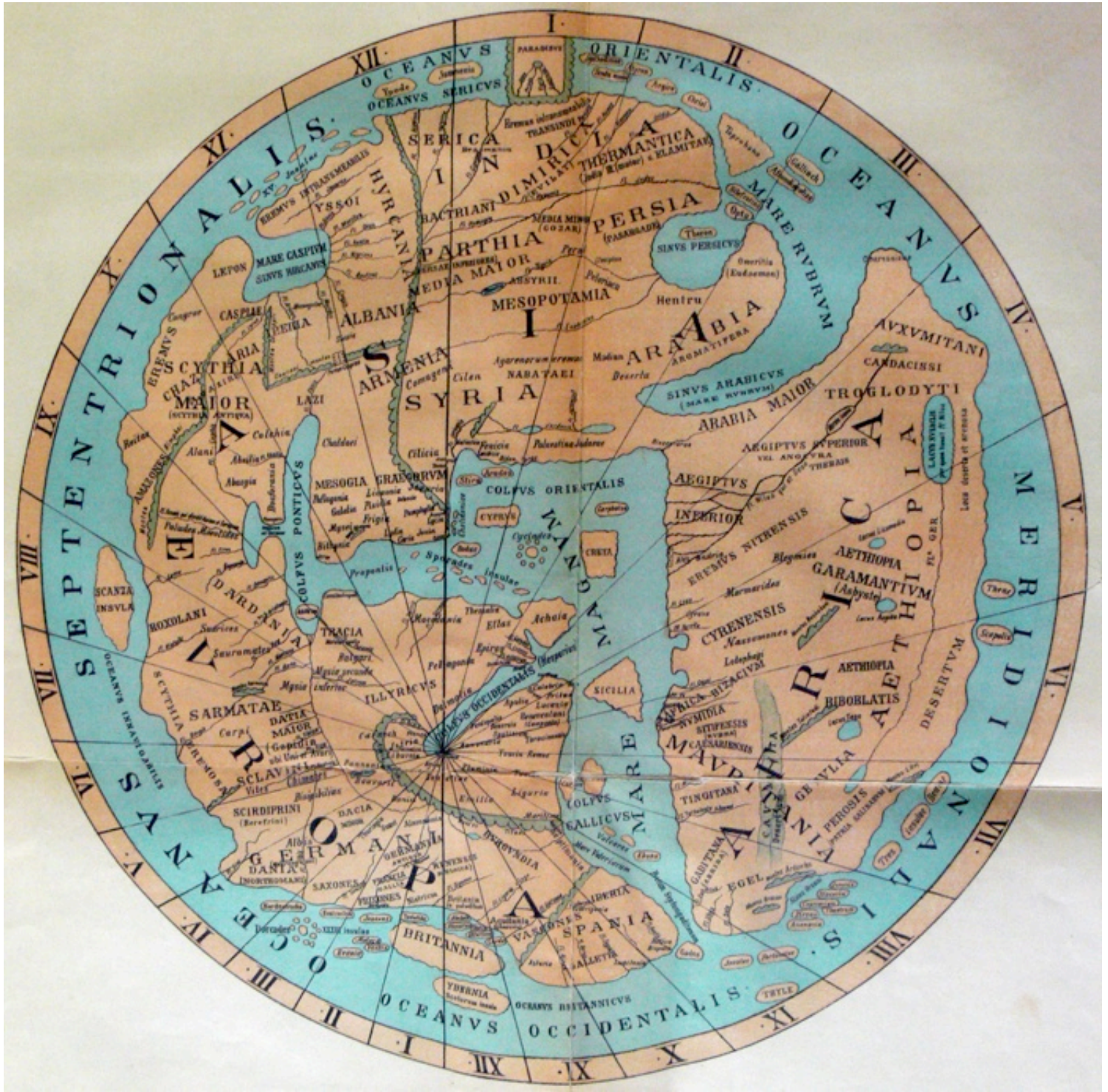
- Time of Emergence: 20,000 years ago
- Place of Origin: Middle East
- Climate: Ice Age
- Estimated Number of Homo sapiens: Hundreds of thousands
- Tools/Skills: Upper Paleolithic-Neolithic

The final common ancestor in your haplogroup, the man who gave rise to marker M35, was born around 20,000 years ago in the Middle East. His descendants were among the first farmers and helped spread agriculture from the Middle East into the Mediterranean region. At the end of the last ice age around 10,000 years ago, the climate changed once again and became more conducive to plant production. This probably helped spur the Neolithic Revolution, the point at which the human way of living changed from nomadic hunter-gatherers to settled agriculturists. The early farming successes in the Fertile Crescent of the Middle East beginning around 8,000 years ago spawned population booms and encouraged migration throughout much of the Mediterranean world. Control over their food supply marks a major turning point for the human species. Rather than small clans of 30 to 50 people who were highly mobile and informally organized, agriculture brought the first trappings of civilization. Occupying a single territory required more complex social organization, moving from the kinship ties of a small tribe to the more elaborate relations of a larger community. It spurred trade, writing, calendars, and pioneered the rise of modern sedentary communities and cities. These ancient farmers, your ancestors, helped bring the Neolithic Revolution into the Mediterranean. ...".

As to more modern times, a 2007 article by Steven C. Bird at www.jogg.info/32/bird.htm says in part: "... **The invasion of Britain by the Roman military in CE 43**, and the subsequent occupation of Britain for nearly four centuries, brought thousands of soldiers from the Balkan peninsula to Britain as part of auxiliary units and as regular legionnaires. ... E3b1a2 is found to be at its highest frequency worldwide in the geographic region corresponding closely to the ancient Roman province of Moesia Superior, a region that today encompasses Kosovo, southern Serbia, northern Macedonia and extreme northwestern Bulgaria. ... **The presence of Haplogroup E3b1a-M78 among the male populations of present-day Wales, England and Scotland, and its nearly complete absence among the modern male population of Ireland, provide a potential genetic indicator of settlement during the 1st through 4th Centuries CE by Roman soldiers from the Balkan peninsula and their male Romano-British descendants. ...**".

My cousin Fred Smith, who shares my paternal Y-DNA, said "... the YHRD database that plots the frequency of Y-DNA results per population and geographically (actually maps it) ...[gives]... more specifics re our Y-DNA - as far as Italy is concerned, concentrated in north eastern Italy. As per our previous research, found along the Rhine near Cologne and Bonn, also the Roman settlements of Chester, London and the boundary between Wales and England, very much tracing the path that Caligula's and Claudius' armies took enroute to Britain and where stationed there. What was fascinating though is it's very high frequency in modern day Czech Republic, specifically in the region known as Vysocina, the center of which is the town of Telc ...".

It is interesting that our Y-DNA Roman Legion ancestors left descendants in Telc, but when you look at geography it makes sense. Consider the Ravenna Cosmography map made by monks in Ravenna about 700 AD



If our ancestors' Roman Legions were formed in North Eastern Italy then it would be an easier march to go around the Alps as shown on the following Google Earth images and that route would go pretty much directly to Tele



The route to Britain would then probably be directly from Telc through Germany via Sudetenland and Holland/Belgium/Northern France to Britain



Here is a Google Earth overview to be compared with the Ravenna Cosmography



For the Roman world of 700 AD the Ravenna Cosmography map is not too bad.

According to a www.livius.org/cg-cm/claudeius_i/claudeian_army_reforms.html web page:

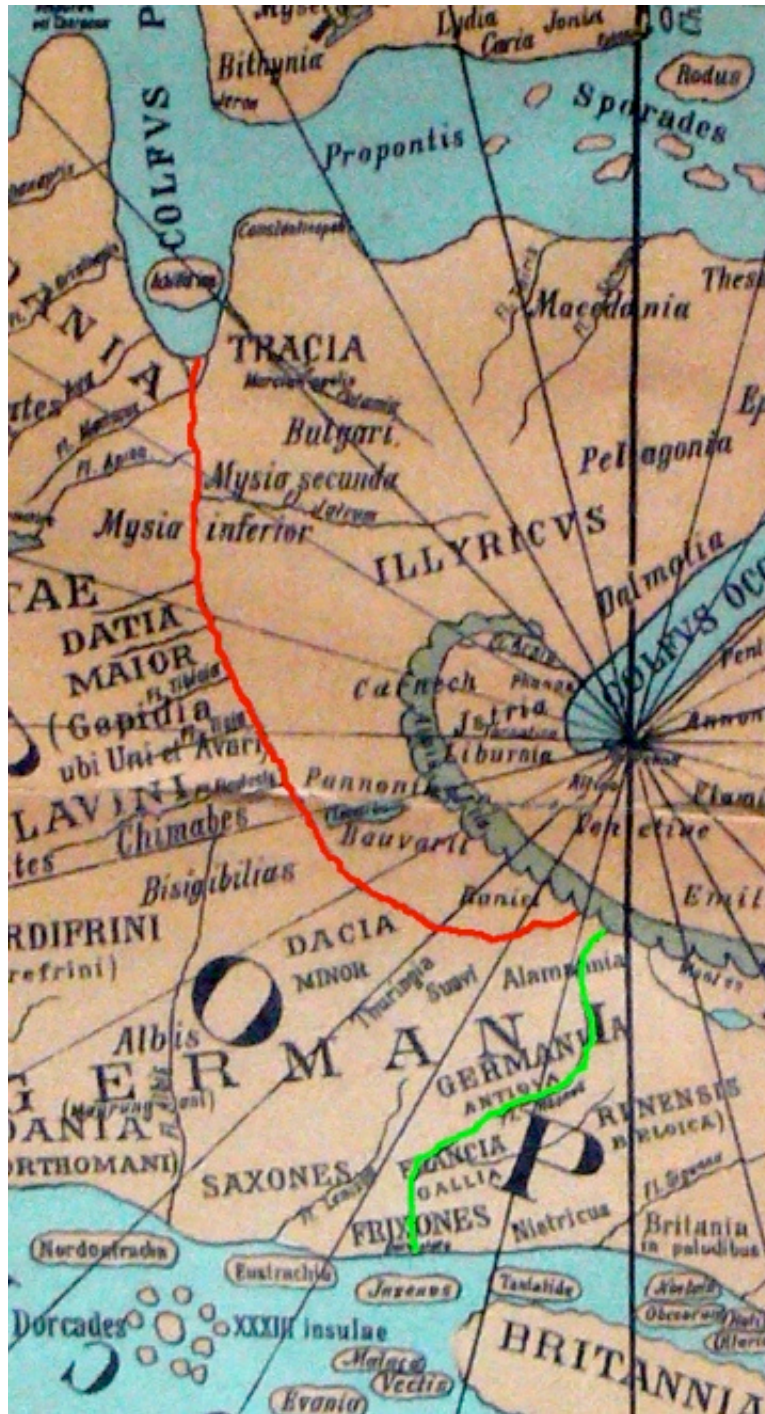
"... Both Caligula and Claudius had ... plans to invade Britain ... it seems that Claudius created the limes along the Rhine and Danube ...".

The utility of the Rhine and Danube as fortified border regions of the Roman Empire is shown by this contemporary physical map



You can see how our Y-DNA ancestors of North Eastern Italian Roman Legions went around the Alps to the Danube, and then up to the Danube headwaters North of the Alps to the headwaters of the Rhine and then down the Rhine to the sea near Britain, and then from there invading Britain.

The same general situation is shown by the 700 AD Ravenna map, on which I have colored the Danube red and the Rhine green



As to the details of the invasion of Britain by Claudius in 43 AD, I have not found anything much better than wikipedia, which says in part:

"... The main invasion force under Aulus Plautius crossed in three divisions. The port of departure is usually taken to have been Boulogne, and the main landing at Rutupiae (Richborough, on the east coast of Kent). Neither of these locations is certain. Dio does not mention the port of departure, and although Suetonius says that the secondary force under Claudius sailed from Boulogne, it does not necessarily follow that the entire invasion force did. Richborough has a large natural harbour which would have been suitable, and archaeology shows Roman military occupation at about the right time. However, Dio says the Romans sailed east to west, and a journey from Boulogne to Richborough is south to north. ... An alternative

explanation might be a sailing from the mouth of the Rhine to Richborough, which would be east to west. ...

Strabo (Geography 4:5.2) names the Rhine as a commonly-used point of departure for crossings to Britain in the 1st century AD. ...

Suetonius says that Claudius received the surrender of the Britons without battle or bloodshed. ... Cassius Dio relates that he brought war elephants and heavy armaments which would have overawed any remaining native resistance. ...".

According to a danube-limes.eu web page:

"... in the reign of Claudius (41-54 AD) ... the Romans ... came into power ... and the frontier was put forward to the Danube ... the army was stationed on the Danube limes by the end of the 1st century AD ... The evolved frontier existed nearly 400 years ... The last building campaigns date to the time of the Constantine dynasty (306-350) and the reign of Valentinian (364-375). ... After the death of Valentinian ... In 377 AD a united army of Goths, Alans and Huns invaded Pannonia ...(today Hungary ...)... in 433 AD the province was finally occupied by the Huns of Attila. ...".

According to Britannia.com web pages: "... AD ...

- 63 - Joseph of Arimathea came to Glastonbury on the first Christian mission to Britain. ...
- c.75-77 - ... Wales is finally subdued ...
- 122 - Construction of Hadrian's Wall ordered along the northern frontier ...
- 167 - At the request of King Lucius, the missionaries, Phagan and Deruvian, were said to have been sent by Pope Eleutherius to convert the Britons to Christianity ...[during the reign of]... Marcus Aurelius 161-80 ...
- 306 - Constantine (later to be known as "the Great") was proclaimed Emperor at York. ...
- 311 - Persecution of Christians in the Roman Empire ends. ...
- 324 - Constantine ... re-located the imperial headquarters to Byzantium, whose name he then changed to Constantinople. ... He did ... strip ... many pagan temples ... of their former wealth, which was then shifted to various Christian churches ... Constantine's move created a top-heavy structure that would quickly depart from its original purity; a church beholden to the state ...
- 337 - Constantine received "Christian" baptism on his deathbed. ...
- 410 - Britain gains "independence" from Rome. The Goths, under Alaric, sack Rome. ...
- c.434 - St. Patrick is captured by pirates and taken to Ireland as a slave. ...
- c.440 - St. Patrick escapes from his captors and returns to Britain. ...
- c.456 - St. Patrick leaves Britain once more to evangelise Ireland. ...".

Autosomal DNA - information about mixed (part female and part male) ancestral lines.

Going back N generations, the purely female and purely male lines are just 2 lines out of 2^N , so a lot of my ancestry ($2^N - 2$ lines at N generations) is not tracked by those two lines.

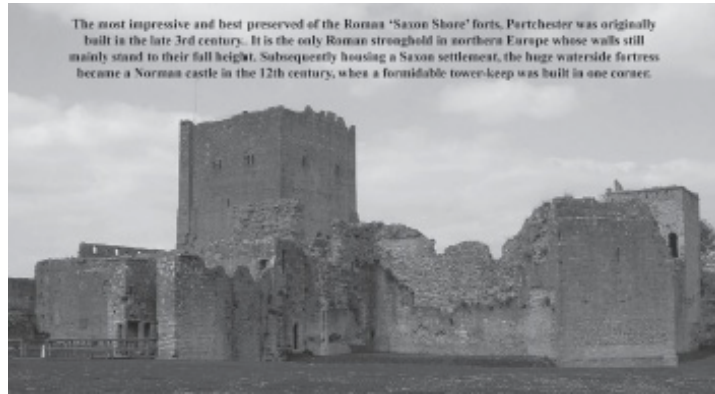
For instance, the line of my African slave 5-great-grandfather came to me through my mother, so it is a mixed ancestry (F - M - F - F - F - F - M) that is among the $2^{(2+5)} - 2 = 2^7 - 2 = 128 - 2 = 126$ lines that, at 7 generations, is not detected by the purely female and purely male DNA tracking that I did with the Genographic program.

Another mixed ancestry, through my father (M - F - F - M - F), goes back to Minerva Steadham (1833) of Germany. According to an article by Richard L. Steadham in the Spring 2008 issue of The Timen Stiddem Society newsletter: "... As it currently stands, our haplogroup is classified as E3b1a2, which places our family at that spot ... on the Y-chromosome phylogenetic tree ... a possible (though not absolute) description of our ancient ancestors' migrations over the centuries went something like this: Our proto-Stidham* ancestors (as I'll call them) were Thracian or Illyrian tribesmen ...



... living somewhere in the Balkans during the centuries before Christ. They were pagan worshipers and fierce warriors and resisted the Roman army's attempts to bring them under their rule for many centuries. In the first century A.D., the Romans succeeded in subjugating them and began employing them as mercenaries in the armies of various rulers during the Hellenic period, and later as Roman auxiliary troops in their legions from the second century onwards ... these Thracian/Illyrian - now Roman - soldiers could have been ... our ancestors and was sent to the Roman province of Britannia and stationed at the Saxon

Shore Fort of Portus Adurni (later to become Portchester Castle) ...



... to defend the Roman-Britains from invading Saxons. Soldiers stationed at these forts eventually took local wives and raised families of their own for many generations before the Romans left Britain early in the 5th century A.D., during the empire's decline and retreat. Portchester Castle is about 20 miles from the village of Stedham ... originally called Steddanhām ... From the 3rd or 4th through 16th centuries ... our ancestral line could have lived and flourished in Southern England in the County of Sussex ... At a point prior to the early 1600s (Timen Stiddem's birth in Hammel, Denmark or possibly Germany) the family could have left England. ... the family ... evidently left England for whatever reasons and wound up in the Netherlands, and eventually Gothenburg, Sweden where we learn that Luloff Stidden (Timen's father) was known as the Dutchman ...".

To try to find out about the vast bulk of my ancestry that is not detected by purely male and purely female tracking, I also did some autosomal DNA tracking using DNA Consultants, whose web site says in part:

"... Our ... DNA Fingerprint Test examines all your ancestral lines at once, to tell you which countries and ethnic groups your ancestors came from. The test confirms any Native American, African or Asian ancestry; if you are primarily European, you will also receive your top ten matches from different European countries. ... The DNA Fingerprint Test will analyze your DNA sample against 16 standard STR markers, also called CODIS markers. (CODIS stands for Combined DNA Index System, and it probably sounds familiar if you watch any of television's popular procedural crime shows like CSI.) ... Unlike other autosomal tests, the DNA Fingerprint Test computes the likelihood of its matches on the basis of contemporary populations, not ancient world migrations or evolutionary theory. ...

You may add the 18 Marker Ethnic Panel for further confirmation of Native American and other ancestry. ... The 18 Marker Ethnic Panel or DNA Fingerprint Plus goes beyond the DNA Fingerprint Test to examine your CODIS markers and tell you if your profile contains any of the newest ethnic markers. The Plus Panel confirms any Native American, African or Asian ancestry. It also checks for Ashkenazi Jewish, Eastern European, Mediterranean and several other markers identified by our scientists. ... It also tells you if you have a false ethnic marker, for instance, an Asian false positive. False markers are accidental and misleading. ...".

My DNA Consultants report (received 3 December 2009) said: "... Frank D. Smith, Jr. DNA Fingerprint Report Plus 18 Marker Ethnic Panel ...

autosomal markers were analyzed at Genetic Testing Laboratories. ... The table shown below depicts the alleles ... at each locus ...

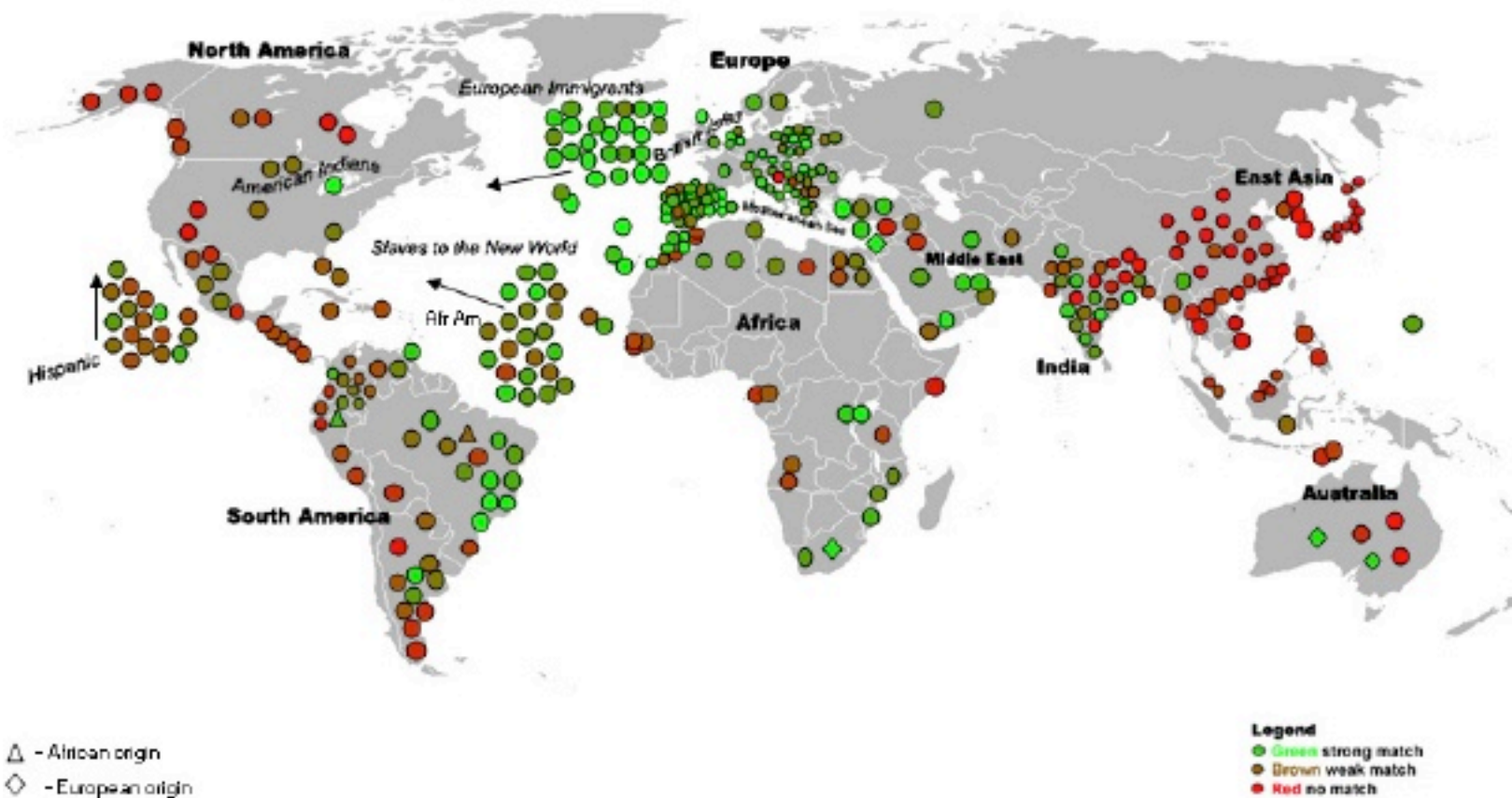
Locus	Alleles		Range
D6S1179	8	14	<9 - >17
D21S11	28	28	<24.2 - >36
D7S820	11	12	6 - >14
CSF1PO	10	12	<6 - 15
D3S1358	14	16	<12 - >19
TH01	7	9.3	<5 - >10
D13S317	10	12	<8 - >15
D16S539	12	12	<8 - 15
D2S1338	19	20	15 - 28
D19S433	12	13	9 - 18.2
VWA	15	17	11 - >22
TPOX	8	12	<6 - >13
D18S51	17	12	<11 - >22
D5S818	10	11	<7 - >15
FGA	22	20	<18 - >30

... The scores shown in green and yellow above known as CODIS makers were compared with profile sequences for over 380 populations from around the world stored in a databank known as OnmiPop ... The following populations proved to be the leading matches for the subject on a **15-marker basis** (numbers in parentheses are keyed to the original published studies) and according to averages:

Rank	World Population Matches	RMP
1	Michigan Nat.Am. (2)	1.51E+16
2	Portuguese (6)	2.72E+16
3	Scottish (11)	3.41E+16
4	Caucasian (268)	3.80E+16
5	California Caucasian (2)	4.38E+16
6	PBSO Hispanic (4)	4.51E+16
7	Polish (217)	4.65E+16
8	Belgian (248)	5.55E+16
9	Argentinian (113)	5.92E+16
10	Madeira Archipelago (53)	6.07E+16
11	PBSO Caucasian (4)	6.33E+16
12	South African (European) (262)	6.37E+16
13	Arizona Hispanics (2)	6.55E+16
14	Australian Caucasian (294)	6.97E+16
15	Native American (268)	7.01E+16
16	British (298)	7.33E+16
17	Michigan Hispanics (2)	8.04E+16
18	Polish (176)	8.05E+16
19	RCMP Saskatchewan Aboriginal (56)	8.2E+16
20	NCSBI Caucasian (4)	8.44E+16

A Random Match Probability (RMP) expresses commonness or rarity of the subject's profile in a given population. For a figure such as 2.38+E13, add 13 digits or zeros to the right of the decimal point, making 1 in 23,800,000,000,000 chances for its occurrence. The lower the number the stronger the match. Results are shown on the attached ancestry map, where green indicates locations of strongest probable genetic origins, red likely absence of ancestry, and brown weak or ambiguous contributions of ancestry. Clusters of bright green confirm major prehistoric ancestral homelands. ...

World Ancestry of Frank D. Smith, Jr.



... Profile frequencies and averages suggest the subject's principal ancestries are Danish (I), Italian (II), Austrian (III), German (IV), Croatian (V), Swiss (VI), English/Welsh (VII, 16, cf. Caucasian 4, 5, 11, etc.), French (VIII, IX) and Lowlands Scottish (X, 3) with American Indian (1, 15, 19, markers) and Sub-Saharan African (map, markers) admixture. There was a match with Hungarian Ashkenazi (map) and Sephardic Jews (green diamond in Israel). ... some of the Iberian matches ... can probably be attributed to deep ancestry, as it is believed that Iberians on the Atlantic Coast such as the Basques and Portuguese were the leading colonizers of the British Isles following the last Ice Age ... There appears to be no Sub-Continental Indian, East Asian or Australoid, any apparent matches being due to accidental convergence ...

... 18 Marker Ethnic Panel ...

Marker	Parent 1	Parent 2	False Positive?
NATIVE AMERICAN I			
NATIVE AMERICAN II (Hispanic)	✓		
EUROPEAN I (Mediterranean)	✓		
EUROPEAN II	✓		
EASTERN EUROPEAN I			
EASTERN EUROPEAN II	✓		
ASHKENAZI JEWISH I			
ASHKENAZI JEWISH II			
ASHKENAZI JEWISH III	✓		
TATAR/KHAZAR			
ASIAN I			
ASIAN II (various)			
SUB-SAHARAN AFRICAN I	✓		
SUB-SAHARAN AFRICAN II	✓		
SUB-SAHARAN AFRICAN III	✓		
SUB-SAHARAN AFRICAN IV			
AUSTRALOID/SOUTHEAST ASIAN			
FINNIC/URALIC			✓

... These eighteen markers have been found by DNA Consultants to correlate with probable ethnic ancestry as indicated. They reflect major human migrations ...you receive one allele ... from one parent and one from

the other, you can potentially have two markers, one, or none. It is not possible to say which parent you get a marker from ...

... Full European Database Index: 1.4782E-14

This number reflects the rarity or commonness of your genetic profile in Europe ... The index figure is expressed as a negative exponent ... The lower the index ... the less European you probably are in your overall background ... The range is -12 (common) to -20 (rare) ...".

-
- Eden cartoon images are from "The Book of Genesis Illustrated" by R. Crumb (Norton 2009);
 - Northern EurAsia image is from The Times Atlas of World History (Times Books (4th ed) 1993);
 - Urartu/Eden map is from Urartu Dily ve Kulturu web page;
 - North Africa/Middle East/ South Asia image is from The Times Atlas of World History (Times Books (4th ed) 1993);
 - Lake Van image is from Google Earth;
 - DNA migration maps are from National Geographic Genographic sources;
 - African Divination and Fractal Structure images are from African Fractals by Ron Eglash (Rutgers 1999);
 - Nile Valley image is from 3d Weather Globe and Atlas, and MacGlobe;
 - Great Pyramid image is from the Ikonos satellite.

...

Frank Dodd (Tony) Smith, Jr. - 2009

...

As to the Michigan Native American component (my number 1 World Population Match):

According to a USGS web page at tapestry.wr.usgs.gov/09michigan.html

"... A giant incomplete bulls-eye is centered on the state of Michigan. ...



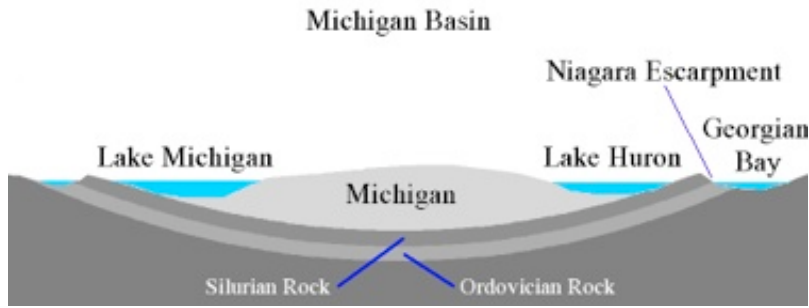
... Extending into Illinois, Ohio, Indiana, Wisconsin, and Ontario, this annular pattern outlines the Michigan Basin, a bowl-shaped structure of uncertain origin that contains over 4 km of inward-dipping Paleozoic strata and a veneer of Jurassic sedimentary rocks. This mysterious basin ... subsided rapidly from Cambrian to Silurian time as it filled with shallow-water marine sediments, some of which host deposits of petroleum, coal, and salt ...".

According to a Michigan State geology web page at www.geo.msu.edu/geo333/MIbasin.html

"... There is a marked contrast between the old, resistant Precambrian and Cambrian rocks of the western half of the Upper Peninsula and the sedimentary rocks of the rest of Michigan. The limestones, sandstones and shales, which dominate the Michigan Basin of the lower peninsula, are approximately 500 million years old, some perhaps less. The sediments that form these sedimentary rocks were deposited on the bottoms of ancient seas, and the rock layers are piled on top of each other like saucers. The edges of the sedimentary rocks appear at or near the surface in northern Michigan-for example, near the Straits of Mackinac. In the center of the basin, they are about 14,000 ft (4,267 m) thick. ...".

According to a web page at www4.vc-net.ne.jp/~klivo/gen/geology.htm by CLEVE (1999)

"... Four hundred and forty-five million years ago, in an era known as the Ordovician to geologists, there was a sea in the Michigan Basin. ...



... Two hundred and fifty million years ago, the sea disappeared for the last time. Then a long period of erosion began. ...".

According to an article by Frank William Kinsman at scorpio.tn.cornell.edu/ACM/web_abs.html

"... the partial ring formed by Lakes Michigan and Huron might be the result of an asteroid or comet impact. Some geologists believe that the major topographical elements of the Great Lakes are inherited from preglacial land surface. Today Lakes Michigan and Huron have the same level. They have several marked similarities, including similar depths, breadths, surface areas, and drainage basin areas. Since they have been collecting silt for thousands of years, they must have been very deep at the end of the last glacial period. Also, Lakes Michigan and Huron are remarkably duplicated, in miniature, by the two lakes that exist in the Brent impact crater in the northern edge of Algonquin Park in the Province of Ontario. ... The Finger Lakes are all radial to the deepest point in Lake Ontario. ... the Finger Lakes ...[may have been]... formed when an asteroid or comet formed Lake Ontario, and produced radial cracks in the brittle stone plate beneath Central New York State ...".

According to The Michigan Basin as an Impact Structure by J. B. Hartung in Meteoritics, Vol. 13, p.488

"... The Michigan basin is ... a geologic basin and may represent the site of a large impact event about 2.4 b.y. ago. ...".

According to a Michigan Historical Museum web page at www.hal.state.mi.us/mhc/museum/explore/museums/hismus/prehist/mining/copper.html

"... Native Americans used Michigan copper as early as 5,000 B.C. They found it on Isle Royale and in the Upper Peninsula regions of Michigan that we know as Keweenaw, Houghton and Ontonagon counties ...



... Using hammerstones, they broke off chunks of the pure soft metal. Sometimes they heated the rock with fire, then cooled it with cold stream or lake water to make it break apart more easily. They hammered copper into tools, implements and ornaments for use or trade. Michigan copper eventually reached as far as southern Florida through their trade networks. ...".

According to a web page at www.exploringthenorth.com/mine/history.html

"... prehistoric excavations located on Adventure Bluff ... of the Copper Country ... date to about 5,000 years before present ... The Mine is located on ancient precambrian basaltic lava flows and the copper being mined occurred only in pure native metallic form. Large masses of pure copper were routinely encountered in this mine and pieces weighing up to several tons were not at all uncommon. Copper occurs in the top gaseous portions of the lava flows with the copper acting as a filler in cracks and voids of the rock. Post-volcanic activity formed the copper (likely from precipitation out of warm-water solutions permeating throughout the host rock) and it was never molten with the initial basaltic lavas. There are none of the common copper oxides such as azurite or malachite present here. ...".

According to Geology of the Keweenaw Peninsula by Paul T. Brandes at www.mindat.org/article.php/255/Geology+of+the+Keweenaw+Peninsula,+Michigan

"... The Keweenaw Peninsula, located in Michigan's Upper Peninsula, is home to the single largest concentration of native copper deposits in the world. ... Between 1845 and 1996 when the White Pine mine closed and ended copper mining in Michigan, the district produced approximately 15.5 billion pounds of copper. In 150 years of mining in the district, only about 40 percent of the total estimated copper contained in the deposit has been mined out. ... Bornhorst et al. (1988), using Rb-Sr methods, determined the age of mineralization at between 1,060 and 1,047 Ma, some 30 my after rift filling volcanism, but contemporaneous with reverse faulting along the Keweenaw Fault. ... As the lavas were erupted, it is thought that degassing removed large amounts of sulphur from the basalts and thus the ore fluids had a very low sulphur content ... Movement of these fluids was accomplished through the many faults and fractures formed during regional compression and subsequent deformation. Since the age of native copper emplacement is nearly contemporaneous with compression and faulting of the ... Portage Lake Volcanics ... (around 1,060 Ma), this provided the necessary plumbing system to allow ore fluids an easier path to their final deposition place ... Without sulphur in the system, the copper was deposited as native metal instead of copper sulfide. The major compressional

event late in the ... Mid-Continent Rift ... system may have provided the difference in the genetic model to generate the world class native copper deposits in the Keweenaw Peninsula and nowhere else ...".

According to The State of Our Knowledge About Ancient Copper Mining in Michigan, The Michigan Archaeologist 41(2-3):119-138 (1995) by Susan R. Martin at www.ramtops.co.uk/copper.html

"... the ... ancient copper industry of the Lake Superior Basin ... The duration of prehistoric mining is ... from about seven thousand years ago ...".

According to Sailing to Paradise - the Discovery of the Americas by 7000 B.C. by Jim Bailey (Simon and Schuster 1994):

"... the earliest pure copper was extracted in economic quantities ...[at]... Lake Superior ... Isle Royale and the Keweenaw Peninsula ... around 6000 B.C. Much of it was in the form of boulders of pure copper. To the Greeks these were the golden apples of the Hesperides, the island in the remote west beyond the Atlantic ... to the Welsh these would be the apples of Avalon. ... Dikodorus ... says, while discussing the tin trade, that there is an island in the open sea directly opposite Scythia - a name for northern Europe - that is called Nisos Basileia, i.e., the royal island ... Compare the Welsh name Avalon for the Island in the middle of the Ocean to the Hebrews name Havilah of Genesis, for the land around which the Pishon flows ...[Genesis says "... Pishon ... winds through the whole land of Havilah, where there is gold. The gold of that land is good ... ", and it seems to me that Pishon refers to the Aras River, through the Caspian Sea, the Volga River to northern Europe and then across the Atlantic to America including Lake Superior.]... The Franchthi cave in southern Greece reveals that by 7500 - 7000 B.C. the inhabitants were already involved in deepwater sailing. ... Mining and the fashioning of copper tools and weapons were carried on ... at Lake Superior ... from the sixth millennium B.C. to 1000 B.C. ... This dating ... means that the use of copper began at about the same time in America as around the Black Sea and in the Middle East. ... The stone mauls used for copper extraction around Lake Superior were of a type used for early mining everywhere. ... Despite ... use of ... smelting, sometime in the fifth millennium ...[to open up]... many new sources of copper in the Old World ... for example, extensive copper mines in Sinai ... around 300 B.C. ... the North American trade in copper with other parts of the world continued. The mines on Isle Royale did not go out of use until 1000 B.C. just as we cannot account for the supply of native copper (and, later, alluvial tin associated with the copper) in the Old World, so we cannot find evidence in the New World that anything like enough metal was used there at this time to absorb the output of the mines. ...

... Greek tradition suggests that in the Copper Age nations were relatively peaceful, differences being settled by agreement or by casting lots. ... Hesiod records that the Bronze Age became increasingly bloodthirsty and warlike, I think perhaps due to the pressure of mounting populations on limited resources - in addition to the temptation presented by the terrible excellence of the weapons ... We must inquire whether the early history of Christianity, which Eusebius ... said preceded the time of Moses, was not developed in the New World as much as the Old. ...

... legends ... may throw some light on the metalworkers of this time. ... Vulcan, the Titan who spent his life laboring at the subterranean forge ... was a cripple, and this can be attributed to

his handling of arsenical bronze. ... the Cyclops, the race of giants having a single eye in the middle of the forehead ... forged Zeus's lightning ... their single eye ...[may have been]... a symbol, a sun circle, stamped on the foreheads of the bronzesmiths to make them permanently recognizable in case they should try to leave the country, taking their all-important trade secrets with them. ...

... It was ... a critical moment when, as early as the middle of the third millennium, sources of tin for the Middle East began to dry up. ... Around 2300 B.C. ... Sargon the Great ... mounted overseas expeditions to secure supplies of tin. Contemporary inscriptions record that he crossed the sea in the west, and in a general review of his empire he is credited with control of two "lands beyond the Upper Sea" (the Mediterranean) ... The Bible gives the source of tin as Tarshish, alias Tartessus, a port on the Atlantic coast of Spain ...[where]... the biggest ships were built ... though there were tin mines in Spain they were worked even later than those in Britain, and ... they were not near Tarshish. Tarshish must have been ... where tin brought from further afield was stored and transshipped ... through the Mediterranean to its final destination. ... Homer said that tin came out of the Atlantic to the Mediterranean and ... there are only two places beyond the Strait of Gibraltar that could supply tin in anything like the quantities that they used. One is Africa, the other is the Americas. ... in America ... the main sources of tin were to be found. ... The Amazon ... placer deposits consist of particles of metal washed down the river from their origin in hills in Bolivia ... The Amazon also provided limitless supplies of wood that could be turned into charcoal and used for smelting and casting the metals, while the Middle Eastern countries had exhausted their own timber by the same process at a surprisingly early date in the Bronze Age ...

... the Sea Trade Ended, Bringing Isolation and Backwardness to America and West Africa ... the trade with Africa and America fell away after the end of the Bronze Age ... in the Iron Age ...

... Once the bronze trade had collapsed the seat of the gods was transferred from the Andes to two mountains in Greece. ... Olympus was simply a corruption of Atlantis ...".

It seems to me that about 11,000 to 6,000 years ago may have been the period through the Copper Age about which Diodorus of Sicily said:

"Now the Ethiopians ... were the first of all men. ... the Egyptians are colonists sent out by the Ethiopians, Osiris having been the leader of the colony ... Osiris ... gathered together a great army, with the intention of visiting all the inhabited earth and teaching the race of men how to cultivate ... for he supposed that if he made men give up their savagery and adopt a gentle manner of life he would receive immortal honors. ...", and that Osiris then went from Egypt and Ethiopia to Arabia, Greece, and India.

The Vedic view (see nersp.nerdc.ufl.edu/~ghi/vcchap.html) of what happened next, into the Bronze and Iron Ages and on through the present Industrial Age, is that

"...prior to the beginning of Kali-yuga about 5,000 years ago ... all living beings were on a higher average level than they are at present, and advanced beings such as demigods and great

sages regularly visited the earth. ... Once the Kali-yuga began, demigods and higher beings greatly curtailed communications with people on the earth, and the general sensory level of human beings also declined. ... due to the lack of feedback from higher sources and the natural cheating propensity of human beings, the traditions ... became more and more garbled ... the present stage of civilization was reached, in which old traditions are widely viewed as useless mythology, and people seek knowledge entirely through the use of their current, limited senses.".

It also seems to me that **my strong Autosomal DNA match to Michigan Native Americans (but only at most weak matches to other North American Native Americans) could be accounted for by:**

my strong matches in Mediterranean populations that were early seafarers; and

genetic mixing of Mediterranean early seafaring populations with Michigan Native Americans during Copper Age and Bronze Age trans-Atlantic trading of Lake Superior Copper.

-
-
-
-
-

Could I have been adopted ?

Here is an outline of some relevant circumstances:

- 1 - My mother's baby was entangled with the umbilical cord and positioned for a head-last birth on 13 March 1941 (prior to routine Caesareans, antibiotics, etc).
- 2 - My mother elected to have a general anesthetic, as she wanted to be unaware of the birth.
- 3 - Dr. Sam Howell told my father that he could be sure to protect the health of my mother by cutting up the baby and removing it, or he could try to manually extricate the baby with consequent increased risk to my mother's health.
- 4 - My father (not my mother's input) decided that Dr. Sam Howell should try to manually extricate the baby (a decision that my mother resented when she later found out about it).
- 5 - As a consequence of manual extrication, my mother became extremely ill and was treated with sulfa drugs, and was unaware of what was going on during and after the birth for many days, and had no contact with the baby during that time.
- 6 - A few days later in March 1941 Marguerite Pierce gave birth to John Pierce, and John and I were both nursed by Marguerite Pierce.
- 7 - A few months later, my mother took me on a stroller to town and met a local lawyer, Claude Pittman, who told my mother "I thought your baby died", which made my mother intensely dislike Claude Pittman. (my mother told me that story repeatedly as I was growing up.)
- 8 - If Claude Pittman had been correct and the baby had died, although my father had a World War II occupational deferment (mining iron and manganese, which were needed to feed the Alabama steel mills), the early years of WWII (like 1941 when I was born (whether adopted or not) were uncertain, and having a child would help him keep the deferment.
- 9 - If the baby had died, my father could have contacted his brother Taxi to get a replacement baby boy, since Taxi as a lawyer doing criminal defense work had Mafia ties (my parent's wedding rings were bought from a mysterious man that Taxi brought to a hotel room in the Henry Grady Hotel, and I remember a shotgun given to him by the Mafia) and the Mafia (through connections to prostitution and Catholic adoption homes) could easily have supplied a replacement baby boy for which my father (through his mining business) could have afforded to pay.
- 10 - My father objected to my mother's suggestion that I be named Frank Dodd Smith, Jr. My mother prevailed as to the official name, but my father insisted that I be called something else. My mother asked what else, and my father said "Tony", despite the fact that "Tony" was not a name of anyone in their family trees. However, "Tony" is a common Italian name (for example, the Italian boxer Two-Ton Tony Galento) and my father may have wanted to pay homage to my source. Despite my repeated questioning, my father never told me why he chose the name "Tony".
- 11 - The time to get a replacement from New York to Cartersville would have been consistent with the few-day difference between my mother's delivery date and the birth of Marguerite Pierce's son John Pierce.

12 - During the few-day period my mother was so sick that she would not have known what was going on, and she did not come into contact with me (being too sick) until after I had been nursed by Marguerite Pierce.

13 - My father, my uncle Taxi, and Dr. Sam Howell would have had no problem with deceiving my mother and the general public.

14 - Some workers in the hospital could have figured out the truth, which would have gone into the Cartersville Gossip Circuit as a rumor that Claude Pittman could have picked up.

15 - My recent DNA tests indicate substantial Mediterranean ancestry (my paternal Y-chromosome line went from Africa to the Italy-Greece-Balkan area, and autosomal tests indicate strong matches to Mediterranean populations), all of which would be consistent with Mafia adoption.

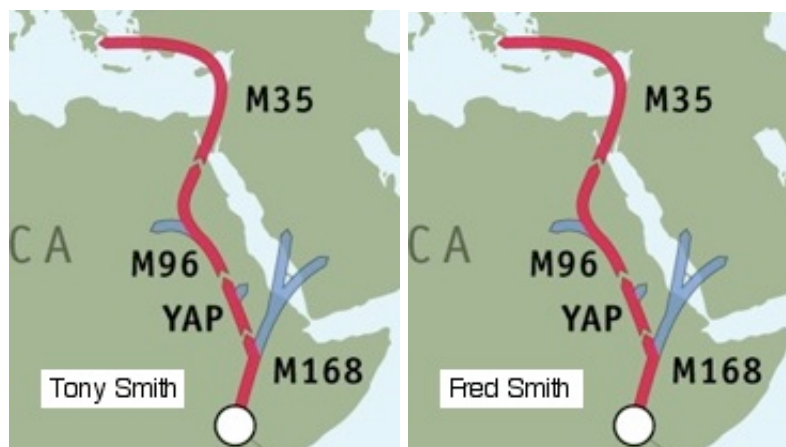
...

Frank Dodd (Tony) Smith, Jr. - 2009

Note in 2010:

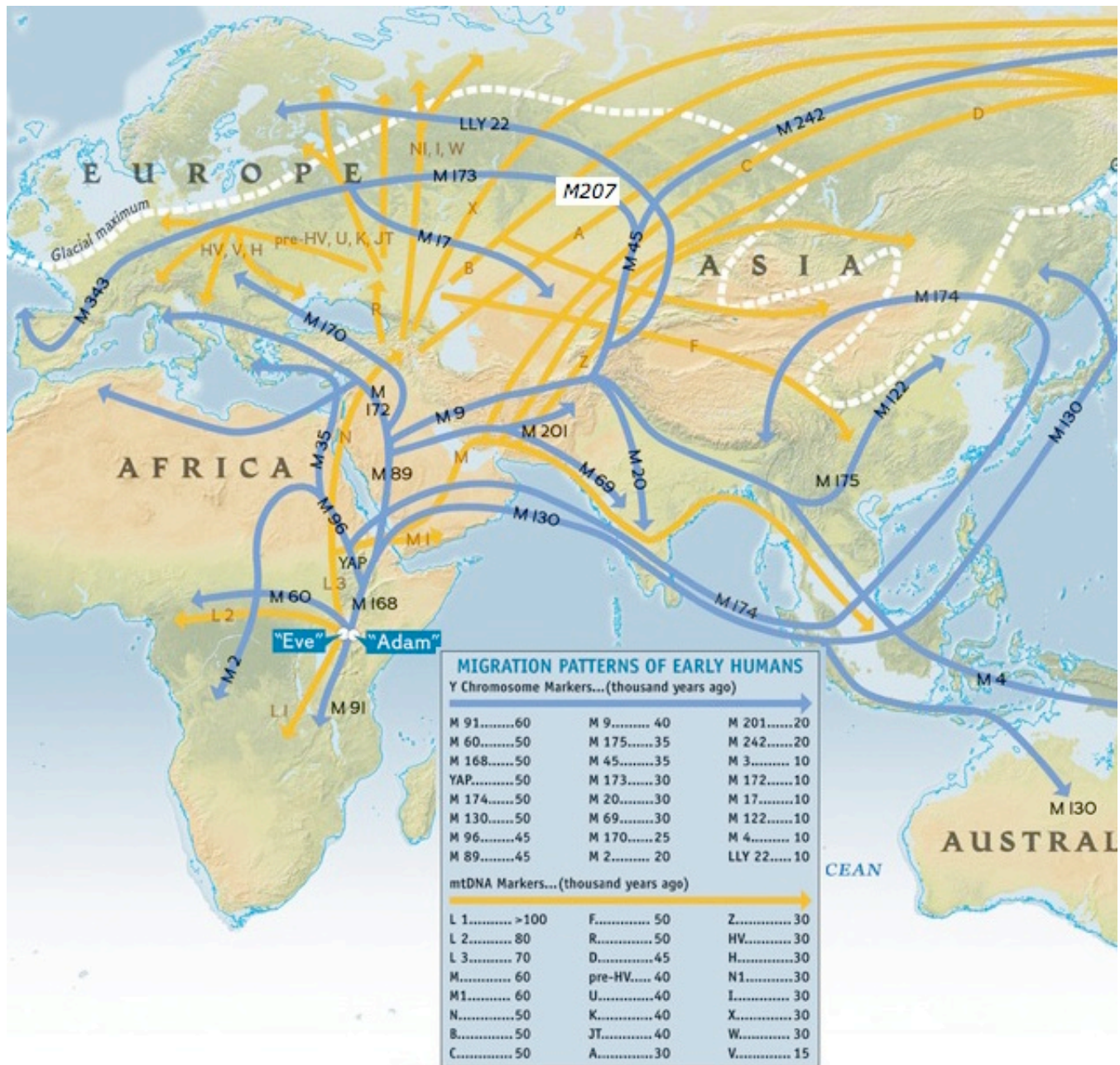
Although I have no brothers or sisters, my cousin Fred Smith and I have the same paternal grandfather, so our Y-chromosome ancestral history should be the same for the time period before our common paternal grandfather. According to National Geographic Genographic DNA results:

- my Y-chromosome ancestral history shows E3b1 haplogroup Y-chromosome path M168 - YAP - M96 - M35; and
- my cousin Fred Smith's Y-chromosome ancestral history also shows E3b1 haplogroup Y-chromosome path M168 - YAP - M96 - M35



so our DNA results are consistent with me being born of my mother, and not adopted.

How does the Y-chromosome ancestral history of my cousin Fred Smith and me compare with that of most Europeans?



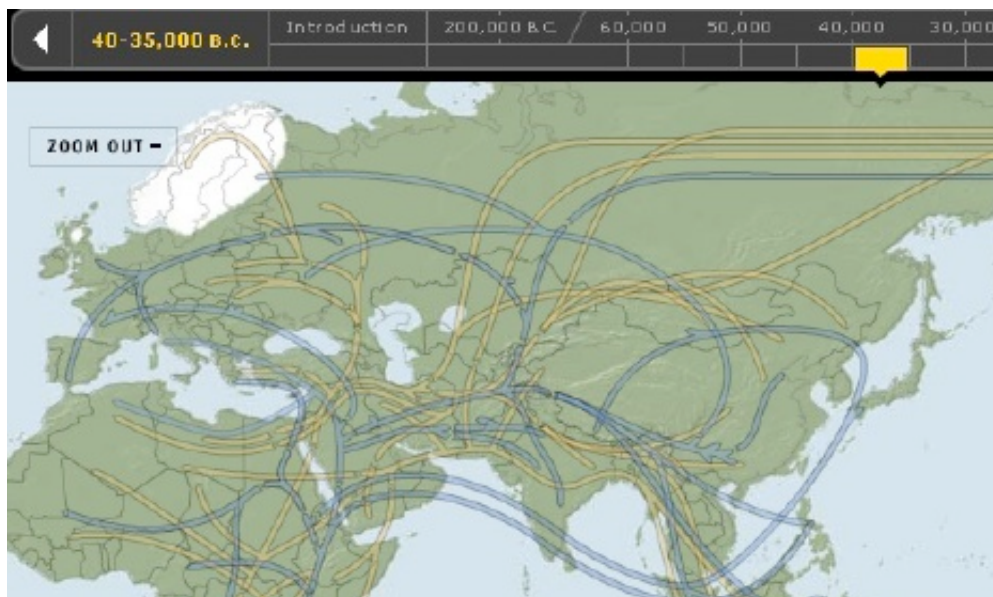
Around 40,000 years ago

- our YAP and M96 had branched from M168 into the Nile River Valley
- M89 had branched from M168 into Arabia and on to M9 at the Pamir Knot intersection of the major Central Asian Mountain Ranges, including the Altai in the North and the Himalaya in the South



Around 35,000 years ago

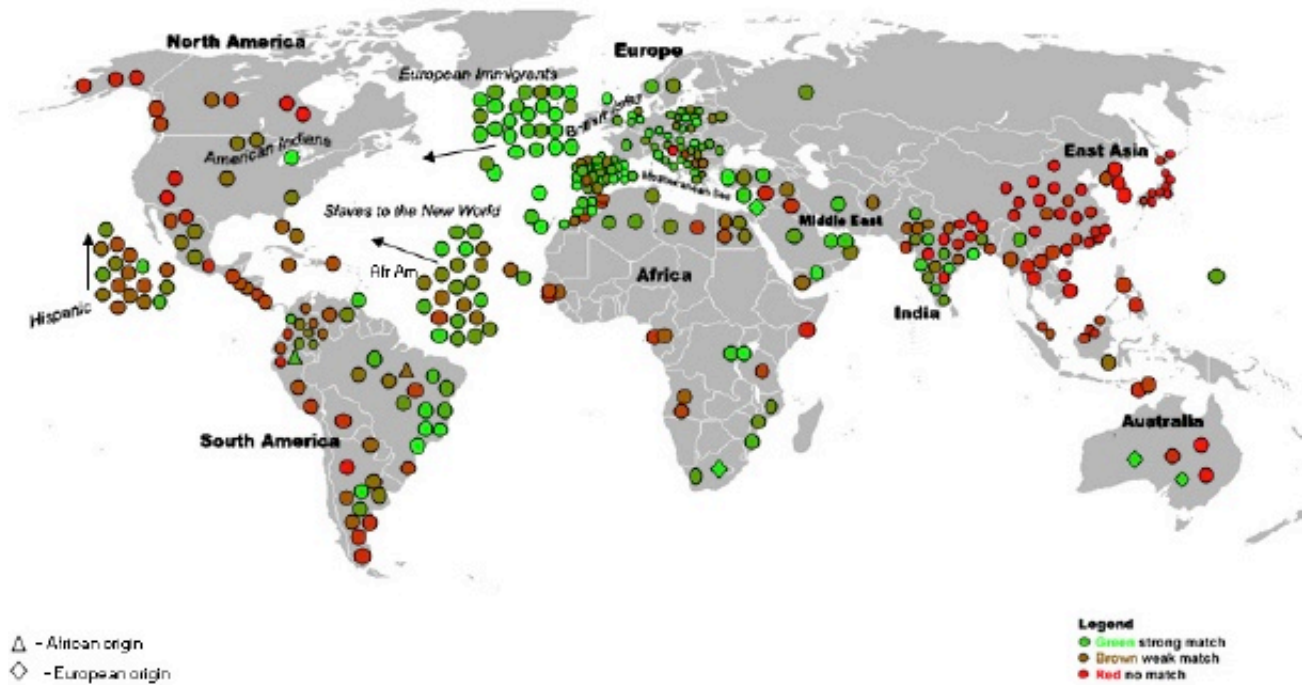
- our M35 had branched from M96 into the Mediterranean
- M9 had branched from the Pamir into M45 to the North and then West by M207 and then further West by M173 and, by M343, all the way to the Atlantic- according to the National Geographic Genographic web site, M207 is "the ancestor of most western European men alive today" and "the number of descendants of ... M173 remains very high in western Europe. It is particularly concentrated in northern France and the British Isles where it was carried by ancestors who had weathered the Ice Age in Spain" and "M343 ... dominated the human expansion into Europe".



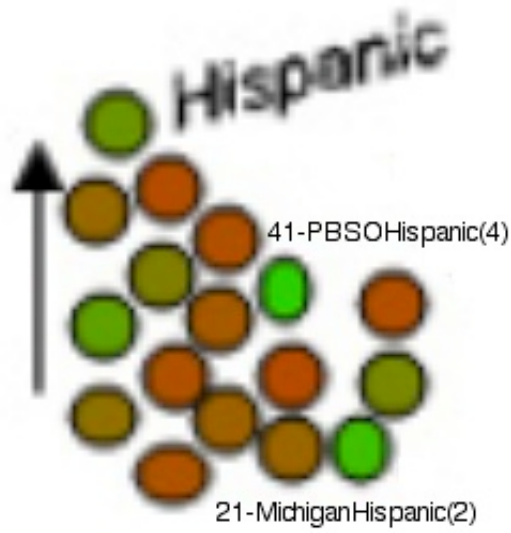
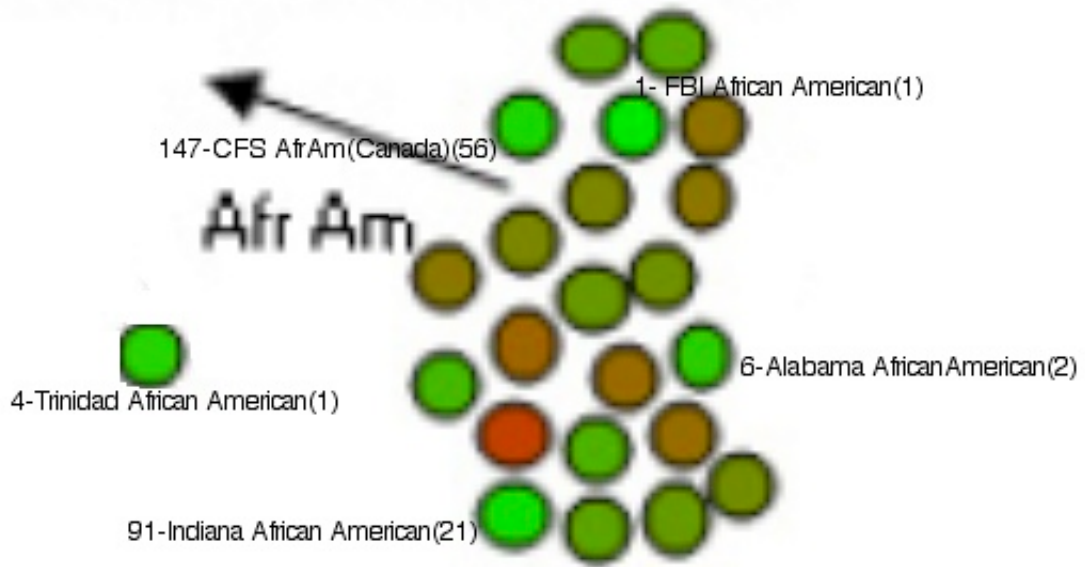
Further, other branches of M89 (that is, M172 and M170) went into the Mediterranean and Southern Europe.

Further Details of Autosomal DNA report, based on OmniPop spreadsheet map and data:

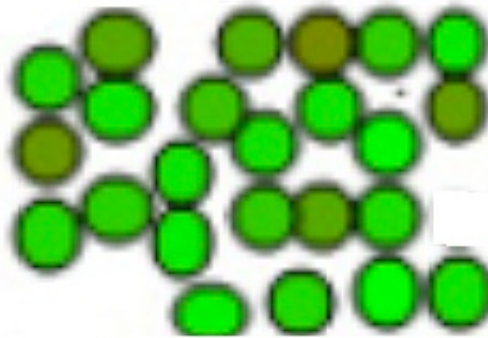
World Ancestry of Frank D. Smith, Jr.



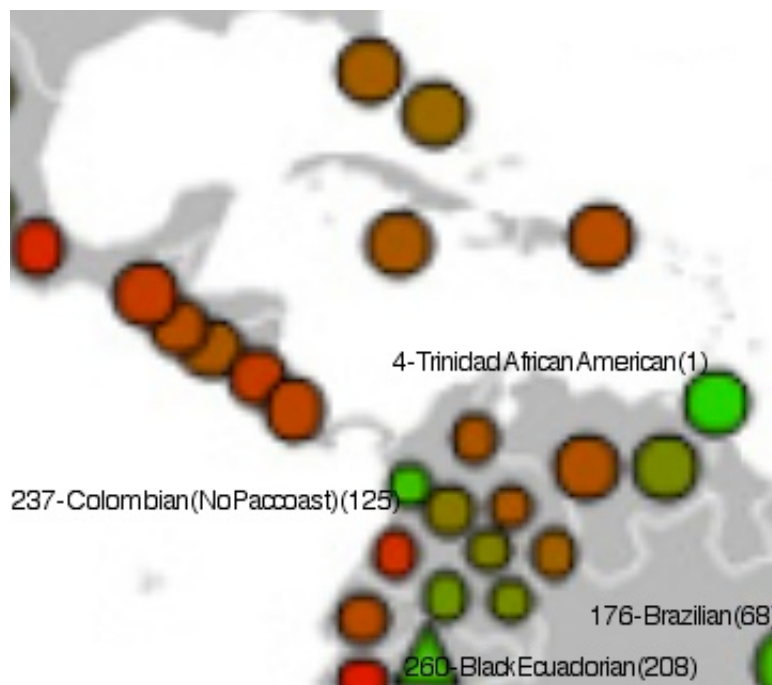
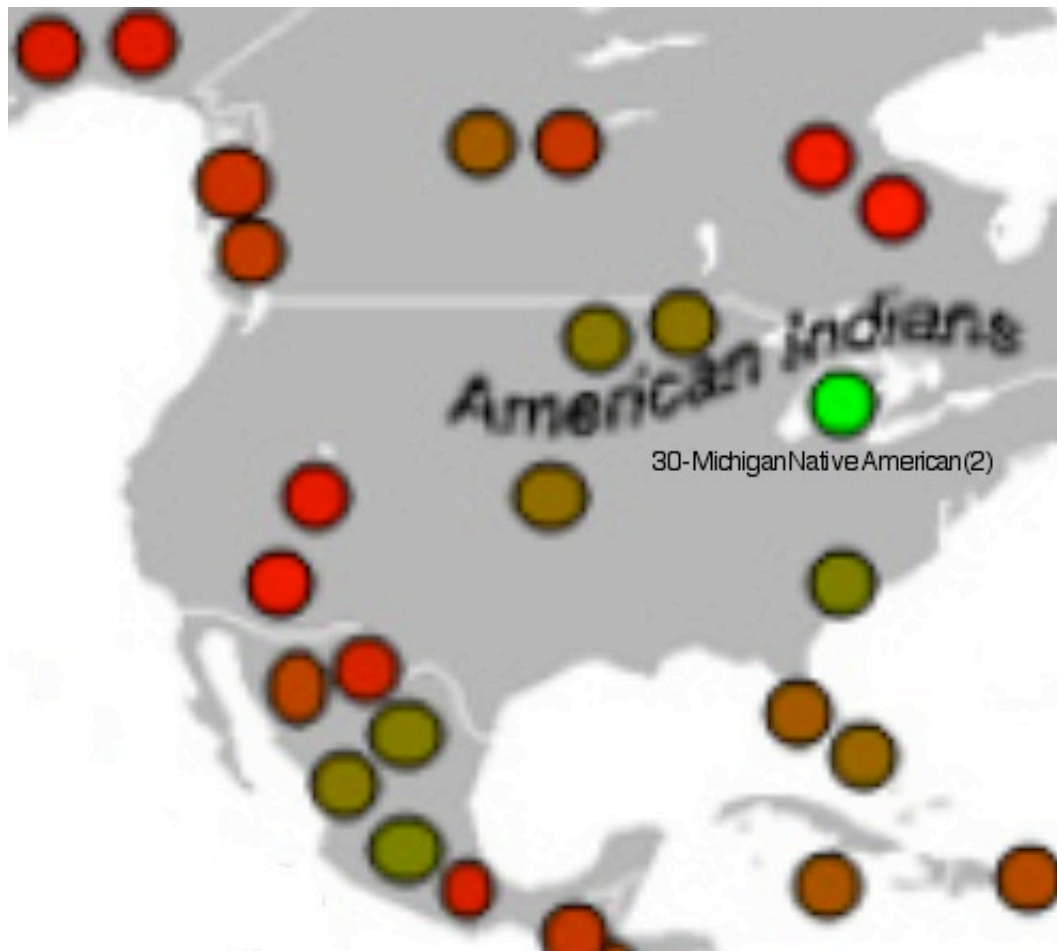
Slaves to the New World

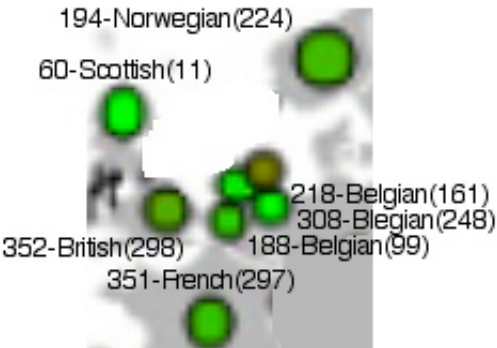
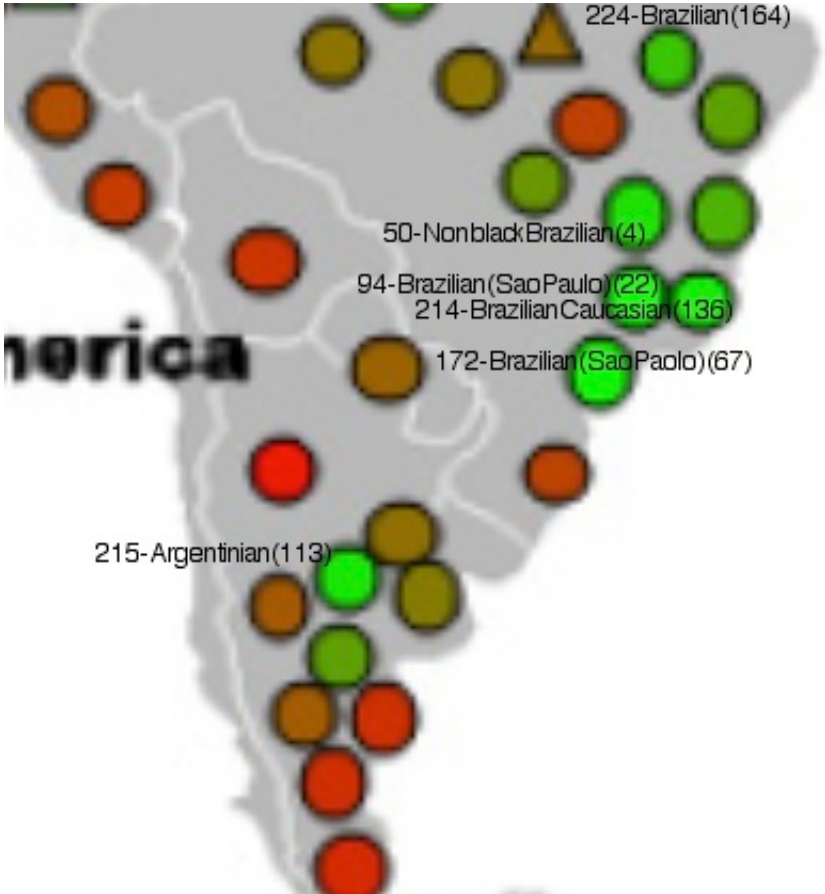


European American Immigrants [

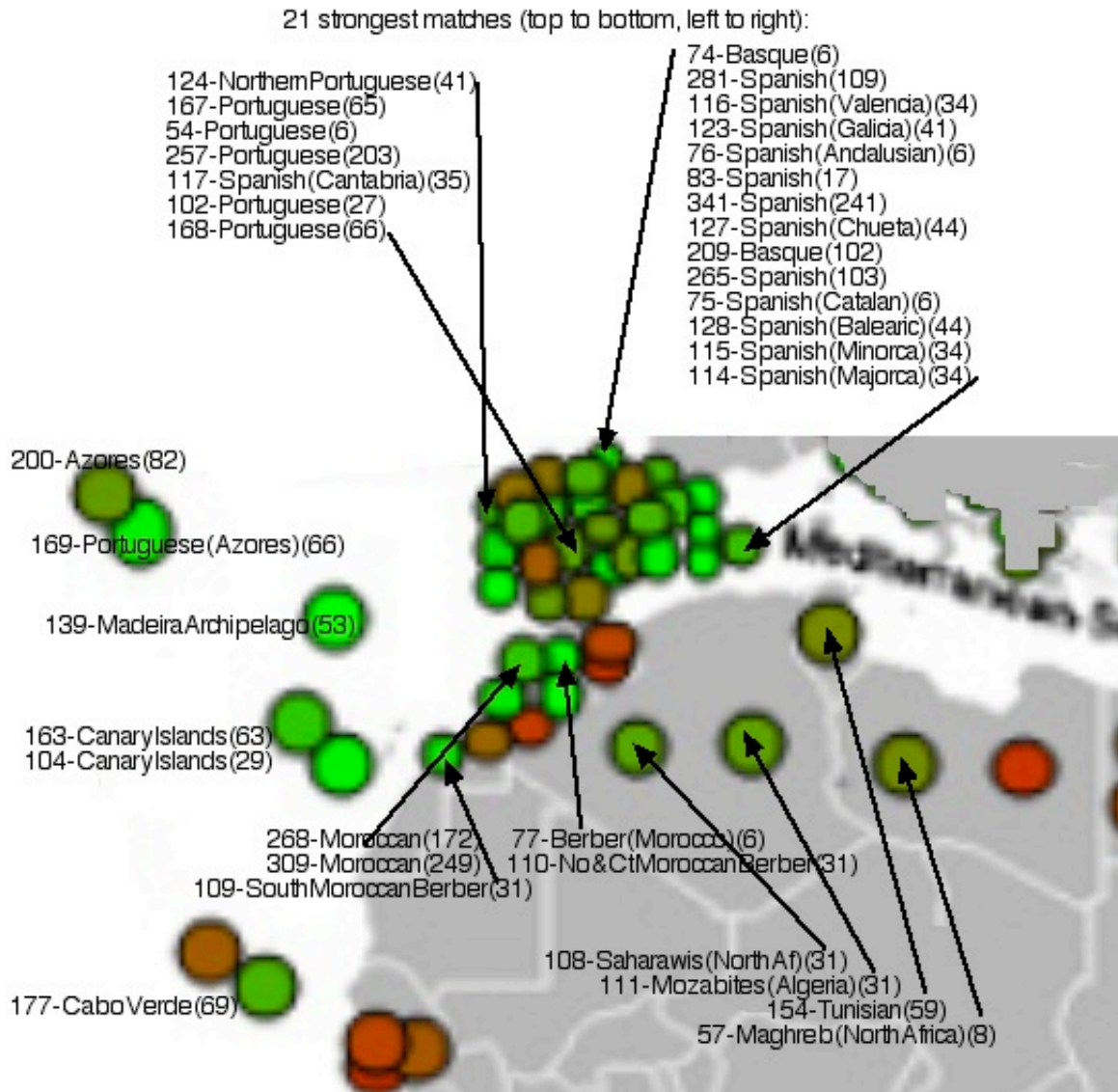


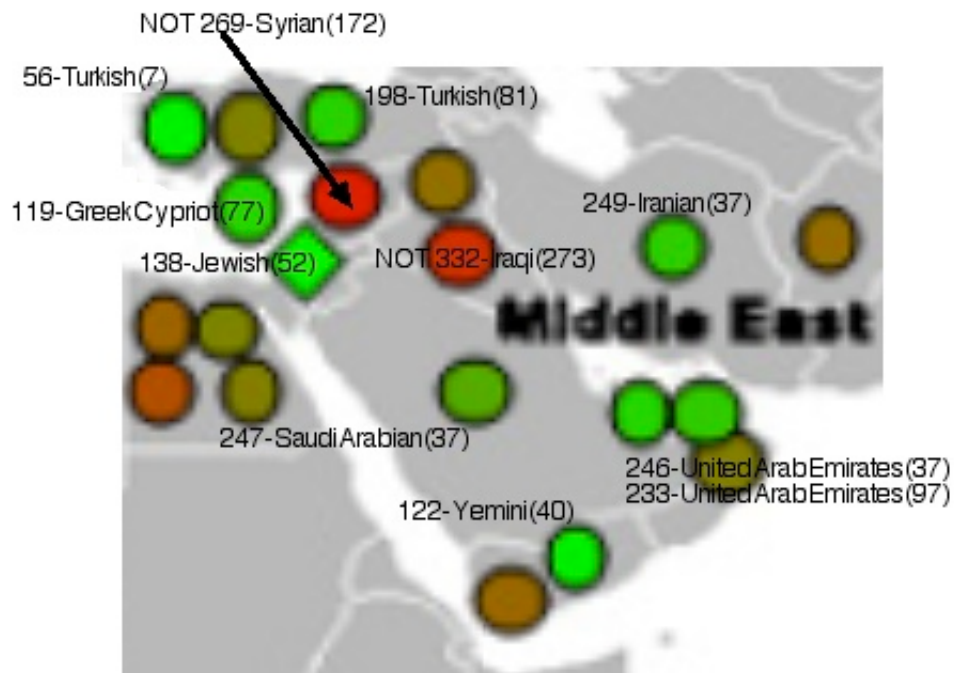
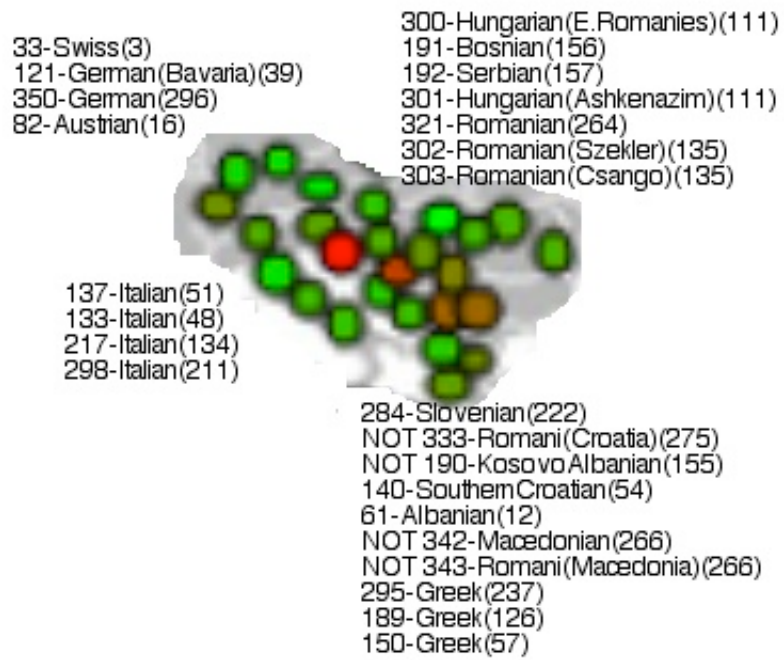
17 strongest matches
(top to bottom, left to right,
then bottom row left to right):
146-CFSCaucasian(Canada)(56)
276-Caucasian(184)
96-ABICaucasian(23)
142-RCMPCaucasian(56)
92-IndianaCaucasian(21)
67-MinnesotaCaucasian(2)
52-ConnecticutCaucasian(5)
100-MaineCaucasian(25)
34-NCSBICaucasian(4)
14-FloridaCaucasian(2)
12-CaliforniaCaucasian(2)
13-AlabamaCaucasian(2)
11-FBICaucasian(1)
323-Caucasian(268)
64-ABICaucasian(14)
37-PBSOCaucasian(4)
16-MichiganCaucasian(2)

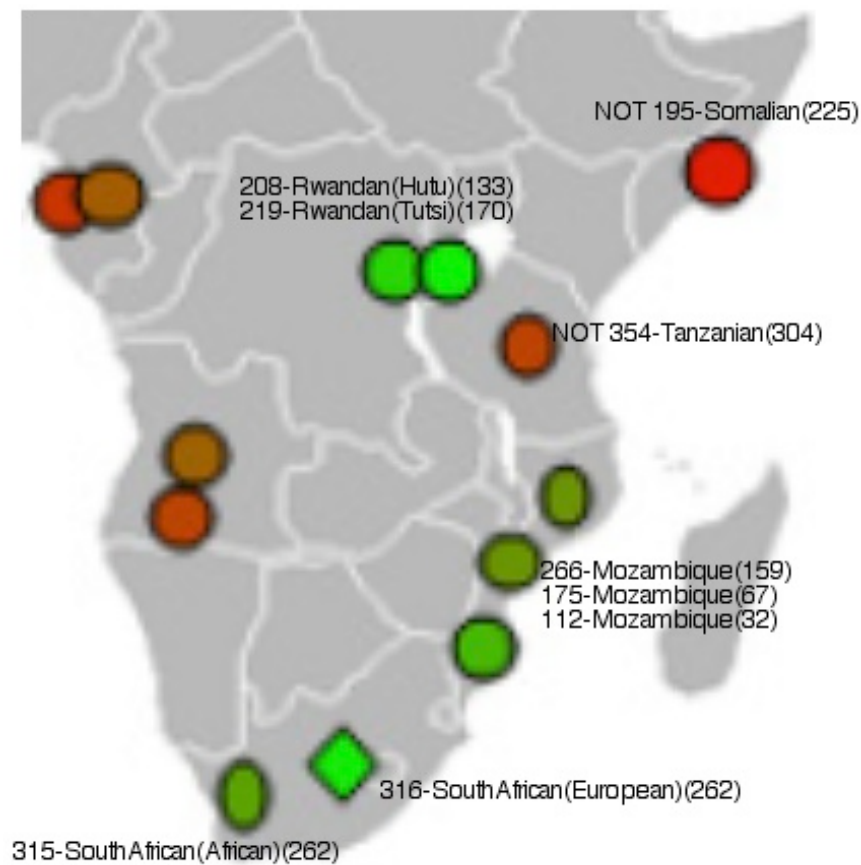
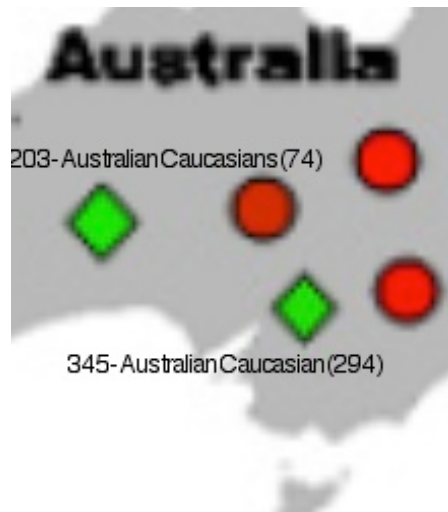


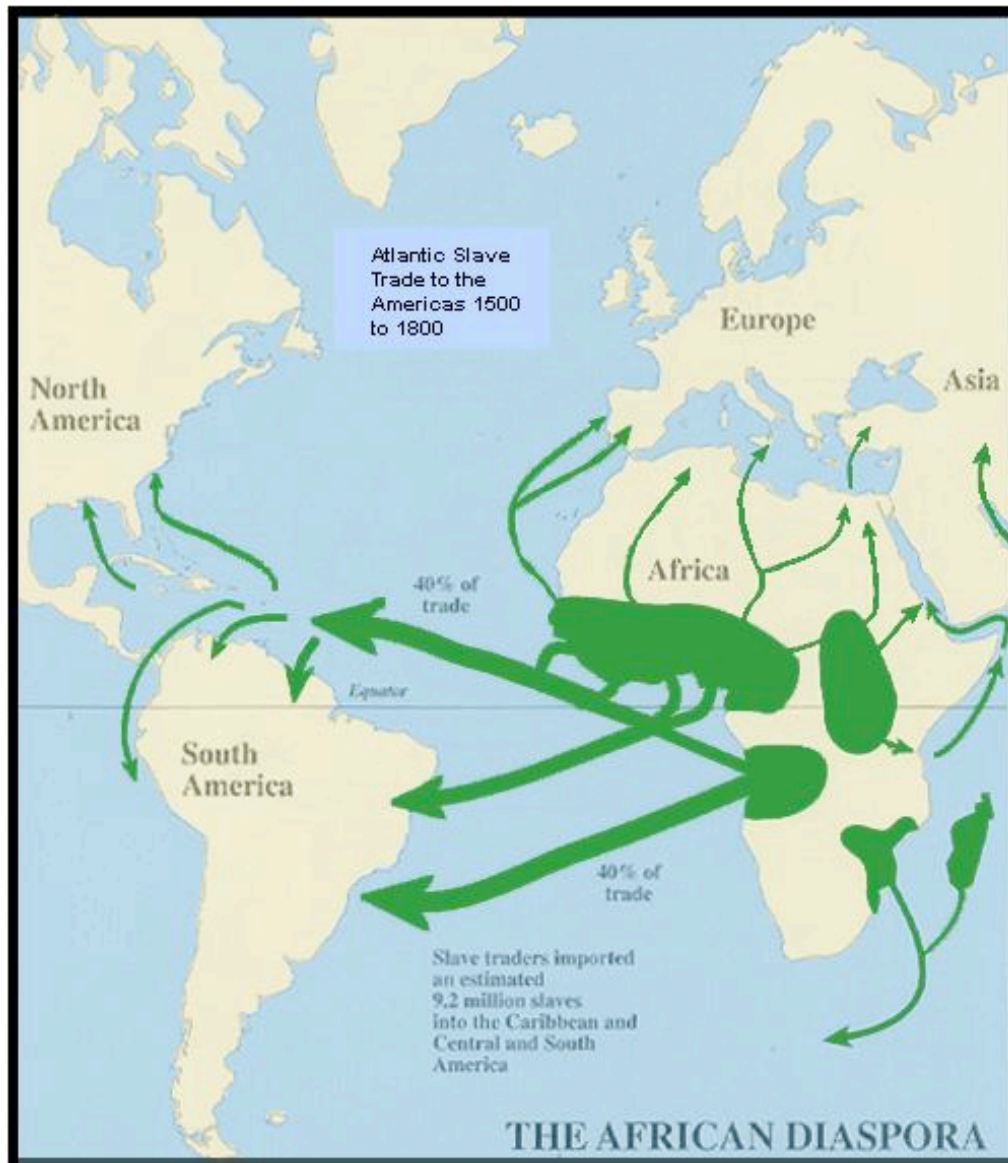


213-Polish(108)









With respect to African-American slave trade, my African genetic matches seem to correspond to slave trade from Mozambique as shown in the above map from the MacMillan Encyclopedia of World Slavery: Volume 11 (Paul Finkelman and Joseph C. Miller eds, Simon and Schuster, New York, 1998) described on a wysinger.homestead.com web page.

According to a wikipedia article on Atlantic slave trade: "... Most historians now agree that at least 12 million slaves left ...[Africa]... between the fifteenth and nineteenth century, but 10 to 20% died on board ships. Thus a figure of 11 million enslaved people transported to the Americas is the nearest demonstrable figure historians can produce ... There were eight principal areas used by Europeans to buy and ship slaves to the Western Hemisphere. ... Between 1650 and 1900, 10.24 million enslaved Africans arrived in the Americas from the following regions in the following proportions ... Southeastern Africa (Mozambique and Madagascar): 4.7% ... Over 45 distinct ethnic groups were taken to the Americas during the trade. Of the 45, the ten most prominent according to slave documentation of the era ...[included]... 10. The Makua of Mozambique ...".

According to "Exchanging Our Country Marks" by Michael A. Gomez: "... British colonies imported "large numbers" from southeastern Africa and Madagascar, particularly between 1675 and 1690 ... the colonies of

Massachusetts, New York, and Virginia were all receiving "East African" slaves ...".

According to "Slavery and African Ethnicities in the Americas" by Gwendolyn Midio Hall: : "... Mozambique was by far the major region in Southeast Africa from which enslaved Africans were imported. Its slave trade began with relatively small numbers and the escalated and lasted very late. During ... 1641-48 ... the Portuguese focused on slaves from Mozambique. ... During the last half of the eighteenth century ... French slave traders brought some of them to the Caribbean, overwhelmingly to St. Domingue (Haiti) during the last quarter of the eighteenth century. ... some of the slaves from Mozambique were transshipped to from St. Domingue to Louisiana and probably to other colonies as well. After St. Domingue's slaves revolted in 1791, the slave trade from Mozambique became largely a Brazilian/Portuguese operation. After 1808, when the British outlawed the transatlantic slave trade north of the equator, Mozambique became an important source of Africans brought mainly to Rio de Janeiro, Brazil. ... French and British slave traders were very active in Mozambique between the 1850s and 1870s, collecting "contract workers" to ship to the Caribbean, but they were "produced" exactly in the way slaves were. ... After 1854, demand for "contract laborers" ... led to extensive slave raiding among the Makua. Its effect was devastating. ...".

Frank Dodd (Tony) Smith, Jr. 2010

Frank Dodd (Tony) Smith, Jr.

History of Ancestors and Some Cousins

Lines of Ancestors:

Maternal DNA

Ham / Stewart / Gordon

Autosomal DNA

Ham / McKinnon / McKennon / McIntosh

Ham / McKinnon / McKennon / McIntosh / Whistler

Smith / Dickerson / Brewster / Downs / Chew / Taylor / Chute / Culpeper

Smith / Dickerson / Brewster

Smith / Dodd

Paternal DNA

Smith

Maternal DNA
Smith / Ham / Stewart / Gordon ...

Overview



(years ago = BP = Before Present)

150,000 BP - Mitochondrial Eve - Haplogroup L1

75,000 BP - Haplogroups L2 and L3 - went out of Africa across the Red Sea

50,000 BP - Haplogroup N branched off of L3 to Incubation Period in Garden of Eden



Cousins of my Maternal DNA Line:

Part of Haplogroup N were ancestors of Noah who went with the Persian Gulf Flood to the Yemini Coast to Ethiopia, home of Abraham and Moses who went up the Nile to Giza



According to Y-DNA, Enoch = Boskop descendants moved up the Nile to Giza and across the Indian Ocean to Sunda, Japan, and Tibet. The corresponding M-DNA migration to Sunda was by Haplogroup M branching off of L3

50,000 BP Finland - Haplogroups R and U5



...

1842 -
3rd Gen Grandmother Christiana Gordon born

1886 -
2nd Gen Grandmother Julia Dixon Stewart born Sumter County GA

1911 -
1st Gen Mother Ana Frances Ham of Hil and JuJu born Statenville GA

1915 -
1st Gen Mother Willie Julia "Billie" Ham of Tony born Statenville GA

Autosomal DNA

Ham / McKinnon / McKennon / McIntosh
Ham / McKinnon / McKennon / McIntosh / Whistler

1715 -

8th Gen Grandfather Angus McIntosh of Inverness Scotland supported exiled Stuarts and participated in the Jacobite Rebellion to overthrow the House of Hanover he and his daughter 7th Gen Grandmother Ann McIntosh were captured

7th Gen Grandmother Ann McIntosh was Indentured Orange County VA she married

7th Gen Grandfather John Whistler African slave - see next page
she got 50 lashes for pregnancy with 6th Gen Grandmother Mulatto Molly

1756 -

6th Gen Grandmother Mary (Molly) McIntosh born
she was indentured to Arjalon Price Orange County VA
her tax value was 20 pounds

1787 -

5th Gen Grandmother Mary McIntosh born Free Culpepper County VA
she at age 16 got a certificate of free status Culpepper County VA
she moved to Richmond County NC where she married John McKennon
they moved to Montgomery County GA where she represented herself as Scottish

1810 -

4th Gen Grandmother Margaret McKennon born
she married Malcolm McKinnon - they moved to Echols County GA

1843 -

3rd Gen Grandmother Mary Frances McKinnon born Echols County GA
she married William Jeremiah Absolom Ham

1875 -

2nd Gen Grandfather George Clinton Ham born Statenville GA
he married Julia Dixon Stewart

1911 -

1st Gen Mother Ana Frances Ham of Hil and JuJu born Statenville GA

1915 -

1st Gen Mother Willie Julia "Billie" Ham of Tony born Statenville GA

7th Gen Grandfather John Whistler African slave

Tim Hashaw in "The Birth of Black America" said:

"... Long before the birth of Jesus there had flourished in East Africa the magnificent city-state of Aksum. Ideally situated to control the long flow of trade passing from Asia and East Africa through the Red Sea to the Mediterranean, Aksum ... became [a] great cosmopolitan center... in the ancient world. By Roman times, the wealth and influence of Aksum was envied throughout the Mediterranean, and its people, the Ethiopians, were widely famed for piety, justice, hospitality, and a long, unbroken tradition of literature. In the fourth century A.D. ... Ethiopia under King Ezana ... established the world's first Christian state. ... The Christian rulers of Ethiopia had been tolerant of all religions, including Judaism and Buddhism. Because Christian Ethiopians had offered refuge to persecuted Muslims, the Prophet Muhammad, according to Islamic tradition, had instructed Muslim armies to leave Ethiopia in peace ...

Born in 1394 ... the Portuguese crusader Prince Henry ... began launching dozens of ships on short voyages south down the uncharted western coast of Africa ...

Trade names of locations reveal the sources of wealth that the Portuguese guese would eventually realize along the edge of upper West Africa-the the Pepper Coast, the Ivory Coast, the Gold Coast, and the Slave Coast. ...

On the coast of Guinea in 1444, one of Prince Henry's ships for the first time raided a town and captured several men, women, and children.

...

in 1470 ... Bartolommeo di Marchionni transferred the central office of his languishing white slave business from Florence, Italy, to Lisbon, Portugal, to exploit the growing numbers of Guinea captives from the upper west coast of Africa, just as Portugal was beginning to pour these Africans into manufacturing ports girding the Mediterranean.

...

Typically, Europeans purchased slaves from Africans who traditionally made slaves of other Africans who were either criminals or ... prisoners of war

...

on August 28, 1482 ... the Portuguese explorer Diogo Cao became the first European to reach the mouth of the great Congo (Zaire) River, six degrees south of the equator.

Here he found unexpected evidence of an impressive advanced civilization; Africans unknown to the Mediterranean world yet refining gold, silver, copper, and iron and clothed in fine garments ... This was ... [a] kingdom...[that] gave their kings the title of ngola (iron blacksmith), from which comes the name of the country, "Angola"

...

Portugal ... in 1487 ... launch[ed] two expeditions, one by land and one by sea, to reach East Africa

...

in 1510, King Ferdinand [of Spain] borrowed money from the Italian transplant Bartolommeo di Marchionni in Lisbon, to send to Hispaniola the very first Atlantic shipment made up exclusively of enslaved Africans. And thus, because of Christian-Muslim conflicts in Europe, the Mediterranean sugar industry once manned by Marchionni-financed Eastern European slave labor, relocated to the Caribbean where it was manned by Marchionni-financed West African slave labor.

...

in the 1520s ... Somali Muslim warlord ... Ahmed Gran, son of an Ethiopian Christian priest and a Somali prostitute, invaded Ethiopia ... captured and burned Aksum ... in ... 1540 ... Gran ... slew ... David, third of his name and last emperor of Ethiopia ... king of Portugal, Joao III, sent ... four hundred musketeers ... to confront Ahmed Gran's army of ten thousand infantry and a large cavalry ... Gran ... was killed

...

the [Spanish] 1526 Ayllon expedition ... [s]ix hundred men ... to Virginia was exactly the same size as that led by his friend Cortes in conquering the Aztec Empire. The king of Spain had promised Ayllon the title of viceroy of North America ... Ayllon died of sickness in the Great Dismal Swamp of Virginia ... Out of the original 600 Spaniards and Africans who came with Ayllon, only 150 survived to straggle back to Hispaniola in 1527 ...

Although they had nearly a century head start on the English, Spanish farmers and ranchers failed to establish a presence in the interior of North America beyond the Gulf Coast regions of Texas, Louisiana, Georgia, and Florida

...

in 1616 ... at Jamestown ... the Virginia Company shifted its focus ... to social and economic ventures intended to create a permanent colony of consumers, producers, and manufacturers with whom company investors hoped to trade

...

the 1619 voyage of the Black Mayflower and the founding of African America ...[was]... one year before the Pilgrim's Mayflower left England ... in 1619 ... the first Africans ... [were brought]... to English-speaking America from Angola ... The Spanish slave frigate San Juan Bautista left Africa with 350 slaves and crossed the Atlantic to be captured in the Gulf of Mexico in the summer of 1619 by two English pirate ships - the White Lion ... and the Treasurer ... the first Africans in English North America were ... delivered to Jamestown ... in 1619 ... two dozen ... by the White Lion and ... half dozen [by]... the Treasurer ...".

...

In less than two decades after arriving, many of this skilled and intelligent first generation of Jamestown Africans were free and had established their own farms and communities in Tidewater Virginia

...

King James ... beheaded ... Sir Walter Raleigh ... for piracy ... [and]... dissolv[ed] ... the Virginia Company ...[for] the Treasurer's involvement in stealing Africans from the Spanish slaver ... If not for [that] ... there would be no Maryland. no North Carolina, no Delaware. no Rhode Island, no Pennsylvania, no Maine, no Connecticut, no Massachusetts, and no Plymouth Colony. There would have been no Catholic colonies, or Dissenter colonies or Reform colonies. What is today the United States could very well have become a southern Canada ...".

1756 - John Whistler's daughter Mulatto Molly McIntosh born in VA

Autosomal DNA

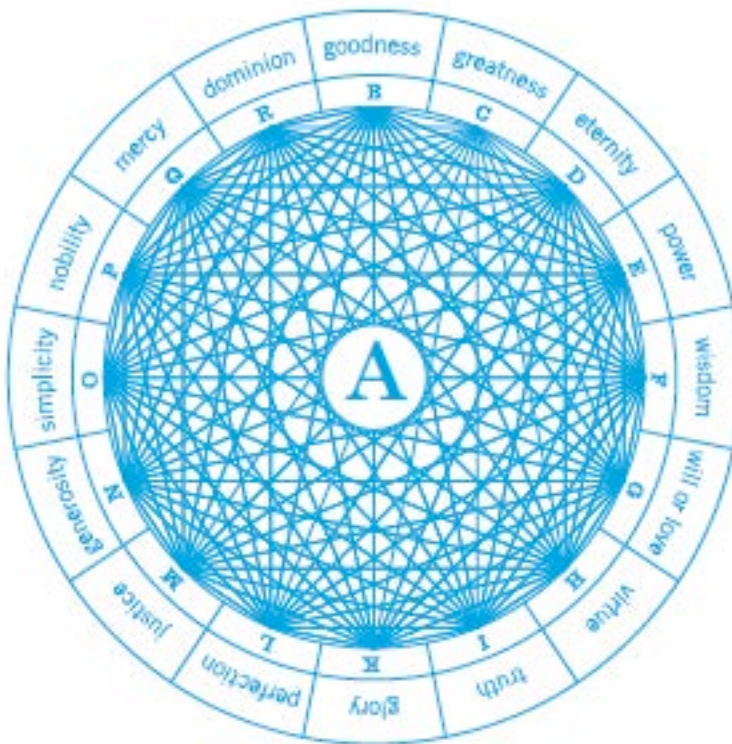
Smith / Dickerson / Brewster / Downs / Chew / Taylor / Chute / Culpeper

Smith / Dickerson / Brewster

Smith / Dodd

1170 - 23rd Gen Grandfather Thomas Culpeper born
he was Recognitor of the Grand Assize of Henry II

1260 - 20th Gen Grandfather Thomas Culpeper born - his family had iron works in Kent
as a Contrariant he was executed by Edward II in 1322
his life-time roughly coincided with that of Ramon Llull
whose Quaternary Phase Art Figure A



with 16 vertices and 120 connecting lines represented the D8 Lie Algebra
of the $Cl(8) \times Cl(8) = Cl(16)$ Clifford Algebra containing 248-dim E8 as
120-dim D8 + 128-dim half-spinor D8, where $Cl(8) = 256$ -dim IFA Clifford Algebra.

1499 - 14th Gen Grandmother Margaret Culpeper born
she was sister of Thomas Culpeper, lover of Catherine Howard (d 1542)
she married Philip Chute (1494 - 1567)

1534 - 13th Gen Grandmother Elizabeth Chute born Kent England
she married John Taylor (b 1530)

1555 - 12th Gen Grandfather Matthew Taylor born Kent England

1611 - 11th Gen Grandfather John Taylor born Chester England

1573 (ca) - 12th generation Grandfather Francis Brewster I
born in Wrentham Hall, Suffolk, England
1598 (ca) - 11th Generation Grandfather Francis Brewster II
born in Castle Bristol, Gloucester, England
1646 - Francis Brewster II departs New Haven aboard Phantom Ship lost at sea
1618 - 10th Gen Grandfather Nathaniel Brewster born in Bristol, City of Bristol, England
1642 - Nathaniel Brewster is one of 9 in Harvard's first graduating class
1690 - Nathaniel Brewster died in Suffolk County NY
1662 - 9th Generation Grandfather Daniel Brewster born in Norfolk England
1705 - 8th Generation Grandfather John Brewster born in Brookhaven, Suffolk Co. NY
1728 - 7th Gen Grandfather John Brewster born Ireland
1758 - 6th Gen Grandfather James Brewster born Rockingham County VA
1635 - 10th Gen Grandfather James Taylor I born Chester England
he migrated to New Kent VA
1674 - 9th Gen Grandfather James Taylor II born
he was GreatGrandfather of Presidents Zachary Taylor and James Madison Jr
1702 - 8th Gen Grandmother Martha Taylor born - she married Chew
1730 - 7th Gen Grandmother Frances Chew born - she married Downs
1760 - 6th Gen Grandmother Mildred Downs born
she married 6th Gen Grandfather James Brewster
1740 - 7th Gen Grandfather Michael Dickerson born North Carolina
1750 - 7th Gen Grandmother Eleanor ? born
1765 - 6th Gen Grandfather Robert Dickerson born England
he married 6th Gen Grandmother Zillah ?
1790 - 5th Gen Grandmother Zilla Dickerson born
1785 - 5th Gen Grandfather Joseph Jolly born
his father Henry Jolly born 1760 Ireland
his grandfather Marcus Jolly born 1730 Ireland
1838 - 4th Gen Grandmother Mary Jolly born
1833 - 4th Gen Grandfather Rev. Edmund Harling born
his mother Minerva Steadham was from Germany
1863 - 3rd Gen Grandmother Emma Harling born
1858 - 3rd Gen Grandfather Warren Akin Dodd born
1818 - 4th Gen Grandfather Christopher Dodd born
he married 4th Gen Grandmother Sarah Lowry
who was born 1821 daughter of David Lowry
1792 - 5th Gen Grandfather William Dodd
he married 5th Gen Grandmother Nancy Griswold
1772 - 6th Gen Grandfather Jesse Dodd II born Union District SC
1746 - 7th Gen Grandfather Jesse Dodd I
he was disowned 1764 by Friends (Quakers) in VA and moved to SC
1700 ca - 8th Gen Grandfather William Dodd moved 1742 from PA to Loudon Co VA

1780 - 5th Gen Grandfather James Dickerson born
1781 - 5th Gen Grandmother Sarah Jane Brewster born Mecklenburg County NC
1816 - 4th Gen Grandfather Benjamin Franklin Smith born
1819 - 4th Gen Grandmother Mary Brewster Dickerson born Stilesboro GA
1841 - 3rd Gen Grandfather James Madison Smith born Stilesboro GA
1849 - 3rd Gen Grandmother Nancy Lou McClellan born
1877 - 2nd Gen Grandfather James Madison Smith born Taylorsville GA
1881 - 2nd Gen Grandmother Clara Mae Dodd born Taylorsville GA
1906 - 1st Gen Father Frank Dodd Smith of Tony born Stilesboro GA
1889 - 2nd Gen Grandmother Lilybelle Lavender born
1926 - 1st Gen Father Jack Smith of Fred and Sarah Fran born Cartersville GA

From Doctor Illuminatus by Anthony Bonner

“... **Ramon Llull ... (1232-1316) ... the inventor of the “Art,”** a complex system, using semimechanical techniques combined with symbolic notation and combinatorial diagrams, which was to be the basis of his apologetics in addition to being applicable to all fields of knowledge ... one can divide Llull’s production as follows:

1. Pre-Art phase, ca.1272-4 ...
2. **Quaternary phase, ca. 1274-89** ... the principles of the Art usually appear in groups of sixteen ... Algebraic notation is extensively employed and the four elements are used as a basis for analogical reasoning ...
3. Ternary phase, 1290-1308 ... As a result of the “weakness of human intellect,” the number of figures is reduced and the algebraic notation vanishes from the actual discourse of the Art ...
4. **Post-Art phase ...[1303-15]...** Interest in the mechanization of thought is largely abandoned for concentration on specific logical and philosophical problems ...”.

From The Art and Logic of Ramon Llull, by Anthony Bonner

“... a five year overlap between his first introduction of logical techniques with the ... Logica Nova ... LN in 1303 until the last work of the Art, the Ars Generalis Ultima ... AGU finished in 1308 ... was a transitional stage ...

with [2. **Quaternary phase**] **Ars demonstrativa (AD)** ... he used graphs and adjacency matrices to display his binary combinations ... this ... permitted him to ... create an Art that was generative, which upon a base of a strictly limited number of concepts could build a whole constellation of demonstrations and explanations ... Llull’s system was closed as far as input ... it was open with respect to its output ... this generative nature of the Art ... held ... powerful fascination for later thinkers, such as ... **Giordano Bruno** who saw it as a way to explore the connectons among his infinity of worlds ...[and]... **Leibniz** whose youthful interest in the Art planted the seed that led to his later Mathesis universalis ...”.

If Llull had known about mathematics of Clifford Algebras such as Cl(16) and Lie Algebras such as E8 and the geometry of Symmetric Spaces
and about physics such as the Standard Model and Conformal Gravity
then he could have seen that his AD structures correspond to
120-dim D8 bivectors of Cl(16) = Figure A with 120 lines connecting 16 vertices



64+64 = 128-dim E8 / D8 = Fermion Particles and Antiparticles

56-dim D4 x D4 = Gauge Bosons and Ghosts of Standard Model and Conformal Gravity

64-dim D8 / D4xD4 = 8-dim Spacetime Position x Momentum

However, even though Llull was at the world's center of learning around 1300, the University of Paris, est. ca. 1150, Hic et Ubique Terrarum



such math and physics was not known,
so Llull constructed correspondences of his AD structures to what was being actively studied then, **Scholasticism** applied to Theology, in his [4. **Post-Art phase**].

From The Art and Logic of Ramon Llull, by Anthony Bonner

“... 4. **Post-art phase ... Logic** ... now we find Llull entering the world of classical Aristotelian logic, and basing his arguments on the categorical syllogism. This implied a major change in Llull's approach, going from a combinatorial and generative system of his own invention to one grounded much more directly on the standard academic formulations of his time ... **In the LN he presents ... three kinds of demonstration** ...

Propter quid ... classic Aristotelian proofs by cause ...

Demonstration per quia ... proofs by ... effect ...

Demonstration per aequiparantiam is of three kinds ...

first is ... by the equality they have in existing;

second is ... by the equality between a power and its act;

third is ... by the equality between the acts of the powers. ...”.

If Llull had known enough math and physics, he could have based his Post-art Logic on these correspondences:

quia = effect = Fermion Particles and Antiparticles = $E8 / D8$

propter quid = cause = Gauge Bosons and Ghosts = $D4 \times D4$

per aequiparantiam = three types:

equality between cause and effect = Spacetime Points = $D8 / D4 \times D4$

equality between causes of effects = Spacetime Links = $D8 / D4 \times D4$

equality in existing = Quantum Superposition

Those correspondences lead naturally to a realistic Lagrangian that is

the sum of Gauge Boson + Ghost + Fermion terms

integrated over 8-dim Octonionic Spacetime which freezes out

to Quaternionic 4+4 -dim $M4 \times CP2$ Kaluza-Klein Spacetime

thus forming Higgs as T-quark Condensate

and forming 2nd and 3rd Generation Fermions.

A generalized Hyperfinite II1 von Neumann factor algebra AQFT based on the realistic Lagrangian is formed by using Quantum Superposition and Periodicity to form the completion of union of all tensor products of $Cl(16)$ factors, each containing an $E8$.

However,

Llull and the University of Paris did not know the necessary math and physics so Llull's Post-art Logic was devoted to Theological Scholasticism
on which he worked in Paris with Duns Scotus.

From The University of Cambridge from the Earliest Times to the Royal Injunctions of 1535 by James Bass Mullinger (Cambridge 1873)

"... A young Franciscan ... Duns Scotus ... originally a student at ... Oxford ... Merton, rises up; disputes with a subtlety never before exhibited the conclusions of his predecessors ; gathers round him vast and enthusiastic audiences as he successively expounds his doctrines at Oxford, Paris, and Cologne; and is carried off at the early age of thirtyfour, while in the zenith of his fame, leaving behind a reputation unsurpassed both for sanctity and for learning. His treatises become the text-books of English education up to the time of the Reformation ...

With Scotus the conception was itself the reality ...

Logic ... became the ... science of sciences ...

men were taught ... that a priori reasoning might supply that knowledge which can only be acquired by a patient study of each separate science ...

with the advance of the fourteenth century, the palm of intellectual superiority had been transferred from Paris to the English universities. ...

[Thomas] Cromwell succeeded ... 1636 ... to the chancellorship at Cambridge; and ...gave the pages of scholasticism to the winds. At both universities Duns Scotus, so long the idol of the schools, was dragged from his pedestal with ... ignominy ... here ... may be drawn the line that in university history divides the mediaeval from the modern age ... with these changes we find ... the final triumph of the Humanists ...".

From review by James D. Tracy, American Historical Review, of The Humanist-Scholastic Debate in the Renaissance and the Reformation by Erika Rummel

"... Rummel ... propos[es] a **two-stage model for the [humanist-scholastic debate]**. In **phase one, from the time of Petrarch until the early sixteenth century**, humanists and scholastics debated the issues between them with touches of humor and an effort on both sides to present different points of view. **The succeeding phase was dominated by academic turf wars** ... and civility gave way to recrimination ... scholastics perceived humanists to be undermining religious authority ...".

1300 - 1600 (from Paris, Oxford, Cambridge to Harvard) = **Age of Scholasticism.**

1600 - Present (from Harvard to Princeton to LHC) = **Age of Humanism.**

NOW the math of Cl(16) Clifford Algebras and E8 Lie Algebras and the geometry of Symmetric Spaces and the physics of the Standard Model and Conformal Gravity are known and can be combined with Llull's Ars Demonstrativa and Logic to produce a realistic Algebraic Quantum Field Theory (AQFT) thus fulfilling the Scholastic Dream of Logic as the Science of Sciences.

From The University of Cambridge from the Earliest Times to the Royal Injunctions of 1535 by James Bass Mullinger (Cambridge 1873)

“... In the year 870 the town of Cambridge was totally destroyed ... by ... Danish invasions ... The monasteries of the Benedictines, the chief guardians of the learning, appear to have been completely broken up ... Oxford was burnt to the ground in the year 1009 ; a like fate overtook Cambridge in the following year; the library at Canterbury perished in the same visitation

...

the 'Sentences' of Peter Lombard ... are in four books, and are almost entirely derived from the writings of four fathers of the Latin Church - Augustine, Ambrose, Hilary, and Cassiodorus, the authority of the first being evidently paramount. The first book, entitled De Mysterio Trinitatis, contains an exposition of the recognized tenets of the Church concerning this dogma, and its forty-eight Distinctiones are devoted to the attributes of the Deity ... Round the authoritative utterances of the Sentences grew up the dogmatic theology of succeeding generations, - the theology of the schoolman, trained and trammelled over a rigid network of dialectics ... In ... Anselm[’s]... writings the spirit of St. Augustine lives again, and it was indeed, in all probability, chiefly through the influence of the English archbishop that the genius of the African Father retained its hold upon the western Church

...

Our retrospect has now brought us to the threshold of the thirteenth century ... The university of Paris was attracting numerous students; the teaching of Irnerius at Bologna was diffusing a knowledge of the Roman law ... The university of Paris throughout the thirteenth century, well-nigh monopolised the interest of the learned in Europe. Thither thought and speculation appeared irresistibly attracted ; it was there that the new orders fought the decisive battle for place and power; and it was from this seething centre that those influences went forth which predominated in the contemporary history of Oxford and Cambridge ... The constitution of the university of Paris formed the model on which that of Oxford and that of Cambridge were formed; the course of study, the collegiate system, even the regulations of the Sorbonne, were imitated with scrupulous fidelity

...

in the thirteenth and fourteenth centuries [w]ithin less than ten years of each other, were founded the order of St. Dominic and the order of St. Francis of Assisi. ...

To organize and systematize was the taste and business of the one.

To bring out the human, sentimental, individual aspects of theology and of humanity was the characteristic effort of the other ...

In a few years ... from the sierras of Spain to the steppes of Russia;

from the Tiber to the Thames, the Trent, the Baltic sea;

the old faith in its fullest mediaeval, imaginative, inflexible rigour, was preached in almost every town and hamlet. In England the Dominicans met with less success, but this was fully compensated by the rapid progress of the Franciscans. Very soon after the establishment of the latter order, they had formed a settlement at Oxford under the auspices of Grosseteste, and had erected their first rude chapel at Cambridge. ...

With the activity of the Dominicans is associated the other great movement of this century, - the introduction of the new philosophy

...

Frederic II ...[1194-1250]... was himself accused ... of having written a book (now known never to have existed) which coordinated, as developments of a like spirit of imposture, the Mosaic, the Christian, and the Mahometan religions ...

[from Wikipedia - Ramon Llull ... (1232-1315) ... a Franciscan tertiary ...

Majorcan ... wrote ... his Art ... a complex system ... by which a reader could enter any ... question ... reduced to ... beliefs ... held in common with monotheistic religions ...[so that]... Jews, Muslims or Christians would agree ...

... Llull .. met ...[in Paris] in 1297 ... Duns Scotus ... Doctor Subtilis ... after which ... Llull ... was given the nickname Doctor Illuminatus ...]

...

the labours of Averroes, who died at Morocco in 1198, were spreading among the Arabs a deference for the authority of Aristotle such as no preceding commentator or translator had inspired. Another widely scattered body supplied the link that brought these labours home to Christendom. The Jews of Syria, and those who, under the scornfully tolerant rule of the Saracens in Spain, found refuge from the persecution and insult which confronted them in the great cities of Christian Europe, were distinguished by their cultivation of the new philosophy, and their acquaintance with both Arabic and Latin enabled them in turn to render the works of Averroes accessible to the scholars of the Romance countries. It would seem to be a well established conclusion that the philosophy of Aristotle was first made known to the West mainly through these versions

...

by the year 1272, or two years before the death of Thomas Aquinas, the whole of Aristotle's writings, in versions either from the Greek or the Arabic, had become known to Western Europe. Within a period therefore of less than three quarters of a century, this philosophy, so far as regards Christendom, passes from a state of almost complete obscurity to one of almost perfect revelation ...

the rise of the Rhyming Chroniclers in England and that of the Troubadours in France are indications of a very general craving. It was precisely when this craving was at its height that the new Aristotle appeared ... the simultaneous introduction of the new philosophy and the installation of the Dominicans in the chairs of the university of Paris ... arrived at the chief mental phenomenon of this century, - the Dominican interpretation of Aristotle

...

According to Plato ... genera, species, and universals, exist not only as concepts of the intellect, but independently of sensible objects and abstracted from them ; according to Aristotle, they have no real existence save in sensible objects and are universal and immaterial only as apprehended by the mind

...

Roger Bacon [1219-1292 Doctor Mirabilis] was of the Franciscan order, and the persecution he underwent at the hands of that community at Oxford when he essayed to prosecute his scientific researches, is a familiar tale. While Albertus and Aquinas were the guests of royalty and expounded their interpretation of Aristotle to admiring throngs at Cologne and Paris, the poor English friar was ...[suffering]... isolation,

disgrace, and banishment ... Bacon was no mere iconoclast ; and while he severely scrutinised existing defects he was not less explicit in the remedies he advocated. Logic was, indeed, to be dethroned, but its place was to be filled by two other studies, which he regarded as the portals to all knowledge, the study of language and the study of mathematics ... It is to Mathematics ... that he assigns the foremost place. Divine Mathesis, and she alone, can purge the intellectual vision, and fit the learner for the acquirement of all knowledge

...

theology must, when followed out, become metaphysical; metaphysics must become theological. This same thought seems, with no knowledge of its mediaeval origin, to have forced itself on Descartes, was reasserted by Leibnitz, ... was thought insufficient by Kant, revived in another form by ... Hegel

...

Pembroke Hall in 1347 ... owed its creation to Marie de St. Paul, a warm friend of the Franciscans ... better known as Mary de Valence ...

in Gray's Installation Ode, ... the poet, himself a Pembroke man, designates the foundress of his college, as sad ... on her bridal morn ... wept her bleeding love ...

The year 1349 is a memorable one in English history ... the year of the Great Plague ... Upon the universities the plague fell with peculiar severity ...”.

Sir John Brewster I, my 22nd Generation Father (20-great grandfather) born 1279 Rushmere, Suffolk - died 1299 (?). The surname Brewster was an occupational name 'a brewer of ale'. This was in early times a female occupation ... the origin of surnames is associated with the emergence of bureaucracies ...



... the coat of arms was a practical matter which served a function on the battlefield and in tournaments. With his helmet covering his face, and armour encasing the knight from head to foot, the only means of identification for his followers, was the insignia painted on his shield, and embroidered on his surcoat ...

[facts and images herein are from Wikipedia, geni.com, and other web sites]

Sir John KS Brewster II, my 21th Generation Father (19-great grandfather) born 1299 Suffolk - died 1325 (?)

Sir John Brewster III, my 20th Generation Father (18-great grandfather) born 1325 Suffolk - died 1379

Sir Galfridus Brewster, my 19th Generation Father (17-great grandfather) born 1350 Suffolk - HRH Charles's 17-Great Grandfather. Lady Diana's 17-Great Grandfather - died 1410 in Scrooby

John Brewster, my 18th Generation Father (16-great grandfather) born 1380 Suffolk
- died 1441 in Scrooby

Humphrey Brewster, my 17th Generation Father (15-great grandfather) born 1410
Suffolk, England - died 1443 in Scrooby

Robert Brewster of Scrooby, my 16th Generation Father (14-great grandfather)
born 1440 Suffolk, England - ? MA Cambridge 1468-69 ? - died 1505 in Scrooby

William Brewster of Rushmere, my 15th Generation Father (13-great grandfather)
born 1470 Suffolk, England - died 1521 Bentley-Cum-Arsksey

Robert Brewster, my 14th Generation Father (12-great grandfather) born 1494
Suffolk, England - died 1540 Suffolk

His brother William Brewster of Hatfield was born 1510 Bentley-Cum-Arksey
Yorkshire - B.Can.L. Cambridge 1532-3

Humphrey Clearke Brewster, my 13th Generation Father (11-great grandfather)
born 1526 Suffolk, England - died 1593 Suffolk

His first cousin William Brewster of Scrooby was born 1534; was Bailiff, Postmaster.

Francis Brewster I, my 12th Generation Father (10-great grandfather) born 1573
Suffolk, England - died 1632 Somerset - was a Collector of Rents for Sir John Stafford.

His brother Humphrey Brewster, Jr., matriculated as Pensioner St. John's Cambridge
in 1588; admitted Middle Temple 1596 from New Inn, died 1613 at age 44.

His second cousin William "Elder" Brewster born 1565 Scrooby Nottinghamshire;
matriculated as Pensioner Peterhouse College Cambridge 1580; Pilgrim leader of
Mayflower Compact; Y-DNA Haplogroup I-M253; died 1644 Plymouth.

Francis Brewster II, my 11th Generation Father (9-great grandfather) born 1598,
was admitted (age 17) as Fellow Commoner Pembroke Cambridge in 1617;



matriculated in 1618, the year his son Nathaniel was born; received BA in 1620;
received MA in 1624. He was a Barber/Surgeon and a Puritan.

In 1638 he was one of the original settlers of New Haven in 1638.

Around 1647 he died at sea aboard the Lombard Phantom Ship.

His brother Robert Brewster born 1599 matriculated as Fellow Commoner Pembroke
Cambridge in 1617; MP for Dunwich and for Suffolk.

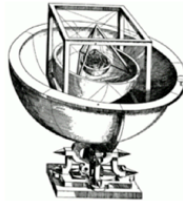
His brother John Brewster born 1600 subscribed Oxford 1613 admitted Pensioner
Emmanuel Cambridge 1620 adm at Gray's Inn 1623

Nathaniel Brewster, my 10th Generation Father (8-great grandfather)

was born in London in 1618, when **Johannes Kepler** (1571-1630) was working on the 3-volume Epitome astronomiae Copernicanae (1617, 1620, 1621) which contains all three of Kepler's laws of planetary motion:

Planet Orbits are ellipses with the Sun at one focus;
Planet-Sun lines sweep out Equal Areas in Equal Times;
Square of Planet Period is proportional to Cube of Semi-Major Axis of Planet Orbit.

In 1621 Kepler published the second edition of Mysterium Cosmographicum



and successfully defended his mother against accusation of witchcraft for which she had been imprisoned for 14 months.

An unconventional Lutheran, Kepler had difficulties during the Thirty Years' War (1618-1648) between rising France and declining Habsburgs.

Nathaniel enrolled in Harvard and was in Harvard's first graduating class, receiving the AB degree in 1642, the year that **Isaac Newton** was born.

Nathaniel then moved to England and became a cleric in the Church of England.

In 1644 Nathaniel married Abigail Reynes with whom he had 3 children.

In 1646 Francis II embarked from New Haven on the Lambertton bound for England, but the ship, known as the Phantom Ship because of a mirage that appeared over the New Haven harbor - see Henry Wadsworth Longfellow's poem "The Phantom Ship" - was lost at sea.

In 1653 **Oliver Cromwell** was made Lord Protector of England, Scotland, and Ireland. After Abigail's death in 1654 Nathaniel attended Trinity College in Dublin where **William Rowan Hamilton** (1805-1865) invented Quaternions and the Icosians for Octonionic E8, receiving the B.D. degree in 1656.

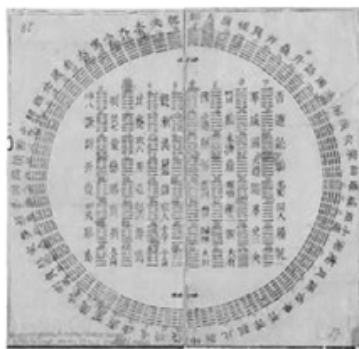
While in Dublin Nathaniel married Sarah Ludlow with whom he had 7 children.

The English Restoration Uniformity Act of 1662 drove Puritan ministers from the Church of England to Presbyterian and Congregational Churches.

In 1663 Nathaniel moved to Boston. In 1665, the year of Isaac Newton's B.A. degree from Trinity College, Cambridge (which closed for the 1665-1666 Great Plague),

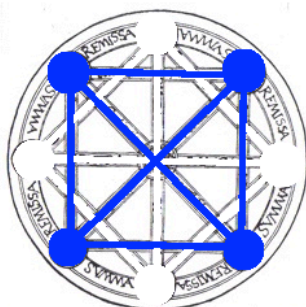
Nathaniel moved to Suffolk County, Long Island, becoming the first minister of the Presbyterian Church at Setauket (Brookhaven Twp. on the North Shore).

In 1666, inspired by **Ramon Llull**, **Gottfried Leibniz** earned his Doctorate in Law and published *De Arte Combinatoria* in which he said "... the art ... of the sciences, i.e., of inventive logic... let the first terms, of the combination of which all others consist, be designated by signs; these signs will be a kind of alphabet. It will be convenient for the signs to be as natural as possible - e.g., for one, a point; for numbers, points; for the relations of one entity with another, lines; for the variation of angles and of extremities in lines, kinds of relations. If these are correctly and ingeniously established, this universal writing will be as easy as it is common, and will be capable of being read without any dictionary; at the same time, a fundamental knowledge of all things will be obtained. The whole of such a writing will be made of geometrical figures, as it were, and of a kind of pictures ...". Leibniz worked with the 64-element I Ching that corresponds to



the $2^6 = 64$ -element Real Clifford Algebra $Cl(2,4)$ of the Conformal Group of Gravity. Leibniz considered SpaceTime to be relativistic, based on space being an order of relative positions and time being an order of events.

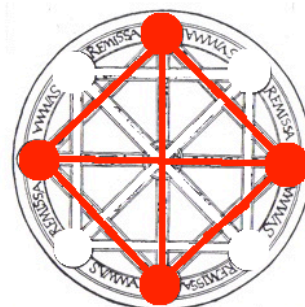
His characteristica universalis diagram corresponds to $4+4$ $M4 \times CP2$ Kaluza-Klein



M4 = Minkowski Physical SpaceTime



4+4 Kaluza-Klein



CP2 = $SU(3)/SU(2) \times U(1)$ Internal Symmetry Space

and to $2^8 = 256$ -dimensional Clifford Algebra $Cl(8)$ that is the 8-Periodic fundamental building block of the Algebraic Quantum Field Theory of E8 Physics where E8 is constructed from the tensor product $Cl(8) \times Cl(8) = Cl(16)$. Leibniz saw the particles of physics not as simple particles, but as Vortices, which in E8 Physics correspond to Schwinger Sources.

Nathaniel Brewster lived the rest of his life (death in 1690) in Setauket. Brookhaven is the anglicized name of its first settlement, Setauket, and is home to Brookhaven National Laboratory and Stony Brook University which has the 1967 Yang Institute for Theoretical Physics and the 2007 Simons Center for Geometry and Physics. His Harvard education is described in

<http://news.harvard.edu/gazette/story/2012/05/commencement-from-1642-onward/>

“... on Oct. 28 of ... 1636 ... the Massachusetts Bay Colony created ... Harvard ... the first institution of higher learning in the English New World ...

Starting in 1642, in imitation of Old World universities, candidates for a bachelor of arts (A.B., or *Artium Baccalaureus*) posted broadsheet academic statements representing the scope of their work: theses, *pro virile defenendae* they were prepared to defend the morning of Commencement. Candidates for a master of arts (A.M., or *Magister Artium*) posted *Quaestiones pro modulo discutiendae*, single questions in logic, mathematics, or other fields that they answered that afternoon in the affirmative or negative.

No one received a diploma, a tradition that started in 1813. If you wanted one, you paid a calligrapher to design and draw it. And class rank? That was set within a few months of your freshman year, based on the social standing of your parents. (After 1772, the names of graduates were listed alphabetically.) No honorary degrees were awarded until 1692, and the first for accomplishments outside of academics was bestowed in 1753. It went to Benjamin Franklin. ...”.

BIOGRAPHICAL SKETCHES
OF
GRADUATES
OF
HARVARD UNIVERSITY,
BY
JOHN LANGDON SIBLEY, M. A.,
VOLUME I.
1642-1658.
CAMBRIDGE:
CHARLES WILLIAM SEVER,
UNIVERSITY BOOKSTORE.
1873.

“... their Studies ...

To the first years ... Logic, the first three quarters, Physics, the last quarter ...

To the second year ... Ethics and Politics ...

To the third year ... Arithmetic and Geometry, the three first quarters, Astronomy the last

...

Class of 1642

... Nine bachelors commenced ...

Benjamin Woodbridge ... George Downing ... John Bulkley ...

William Hubbard ... Samuel Bellingham ... John Wilson ...

Henry Saltonstall ... Tobias Barnard ... Nathaniel Brewster ...”.

Nathaniel Brewster - Harvard AB 1642

One of the 512 10th Generation Grandfathers (8-Great-Grandfather)
of Frank Dodd (Tony) Smith, Jr.

Ruby = red corundum $\text{Al}_2\text{O}_3:\text{Cr}$ = abrasive hardness 9

illegitimi non corundum = Don't let the bastards grind you down

In the 1800s SiC = carborundum was produced with hardness 9.5

so Gen. "Vinegar" Joe Stilwell (China-Burma-India)

6-Great-Grandson of Nicholas Stilwell who went from England to Holland
and in 1638 to New Amsterdam

modified the aphorism to "illegitimi non carborundum"

which became in 1953 the motto of the Harvard Band.

Gold + Copper

Au = basic currency of EurAsia and South America

Cu = basic currency of North America =
= ElectroMagnetic Industry



Harvard University ... Studies ... by John Langdon Sibley (1873)
... 1642 ...

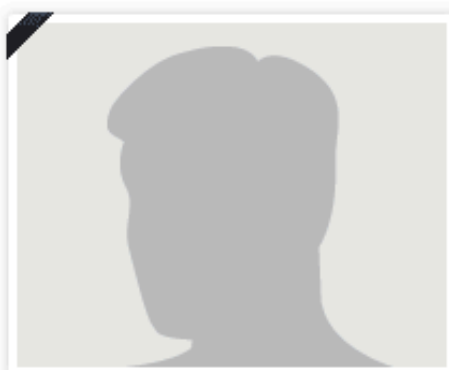
To the first years ... Logic, the first three quarters, Physics, the last quarter ...

To the second year ... Ethics and Politics ...

To the third year ... Arithmetic and Geometry, the three first quarters, Astronomy the last

Sir John Brewster I, Sr.

public profile



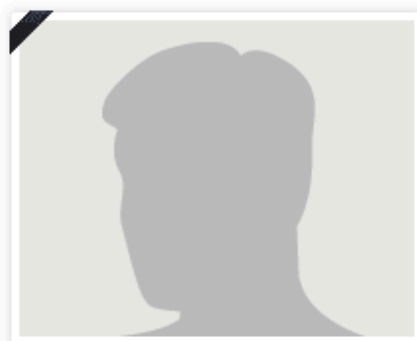
Sir John Brewster I (Brewster), Sr.

Birthdate: circa 1279
Birthplace: Rushmere, Suffolk, UK
Death: Died 1299 in England, United Kingdom
Place of Burial: Rushmere, Suffolk, UK
Immediate Family: Father of [Sir John KS Brewster, II](#)

Managed by: [Robert Spencer](#)
Last Updated: October 17, 2016

Sir John KS Brewster, II

[← Back to Brewster surname](#)



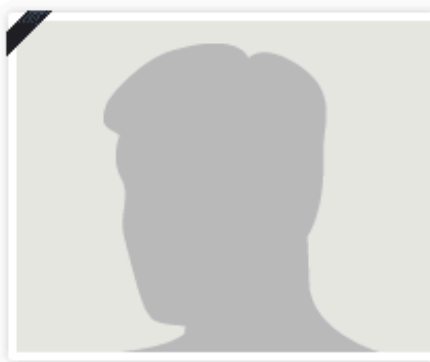
Sir John KS Brewster, II

Birthdate: circa 1299
Birthplace: Suffolk, England, United Kingdom
Death: Died 1325 in Suffolk, England, United Kingdom
Place of Burial: Rushmere, Suffolk, UK
Immediate Family: Son of [Sir John Brewster I, Sr.](#)
Father of [Sir John Brewster, III](#)

Managed by: [Robert Spencer](#)
Last Updated: October 17, 2016

Sir John Brewster, III

[← Back to Brewster surname](#)



Sir John Brewster, III

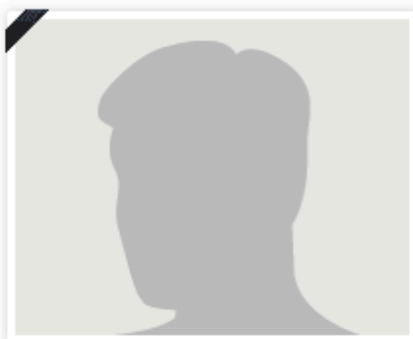
Birthdate: 1325
Birthplace: Rushmere, Suffolk, England
Death: Died 1379 in Rushmere, Suffolk, England
Immediate Family: Son of [Sir John KS Brewster, II](#)
Father of [Galfridus Brewster](#)

Managed by: Private User
Last Updated: October 17, 2016

HRH Charles's 17-Great Grandfather. Lady Diana's 17-Great Grandfather.

Galfridus Brewster

[← Back to Brewster surname](#)



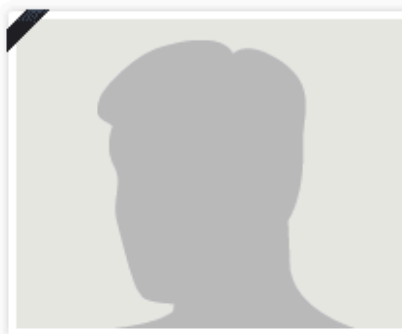
Galfridus Brewster

Birthdate: 1350
Birthplace: Rushmere, Suffolk, England
Death: Died 1410 in Scrooby, Nottinghamshire, East Midlands, England
Immediate Family: Son of [Sir John Brewster, III](#)
Father of [John Brewster](#)

Managed by: [David Bradbury Stewart](#)
Last Updated: December 16, 2014

John Brewster

[← Back to Brewster surname](#)



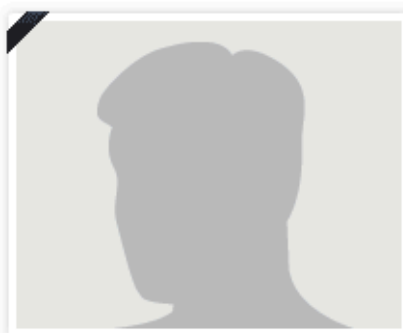
John Brewster

Birthdate: circa 1380
Birthplace: Rushmere, Suffolk, England
Death: Died 1441 in Scrooby, Nottinghamshire, England
Immediate Family: Son of [Galfridus Brewster](#)
Husband of [Unknown Brewster](#)
Father of [Humphrey Brewster](#)

Managed by: [Nancy Ann Sands](#)
Last Updated: November 22, 2014

Humphrey Brewster

[← Back to Brewster surname](#)



Humphrey Brewster

Birthdate: 1410
Birthplace: Rushmere, Suffolk, England
Death: Died 1443 in Scrooby, Nottinghamshire, England
Immediate Family: Son of [John Brewster](#)
Husband of [Velma Ruth Brewster](#)
Father of [Robert Brewster, of Scrooby](#)

Managed by: Private User
Last Updated: November 10, 2014

Robert Brewster, of Scrooby

[Back to Brewster surname](#)

ALUMNI CANTABRIGIENSES

BREWSTER, —. M.A. 1468–9.

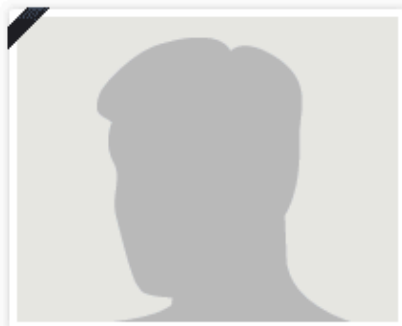


Robert Brewster, of Scrooby

Birthdate: February 1440
Birthplace: Rushmere, Suffolk, England
Death: Died 1505 in Scrooby, Nottinghamshire, England
Immediate Family: Son of [Humphrey Brewster](#) and [Velma Ruth Brewster](#)
Husband of [Ann Mary Brewster \(Harvey\)](#)
Father of [William Brewster, of Rushmere](#)

Managed by: [Daniel Robert May](#)
Last Updated: November 29, 2015

William Brewster, of Rushmere

[Back to Brewster surname](#)

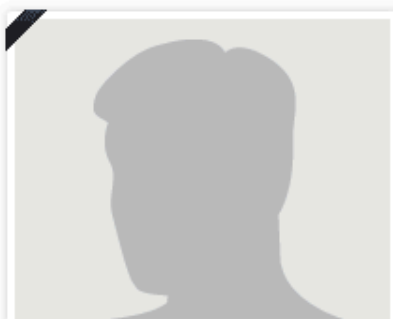
William Brewster, of Rushmere

Birthdate: circa 1470
Birthplace: Rushmere, Suffolk, England
Death: Died 1521 in Bently-Cum-Arksey, England
Immediate Family: Son of [Robert Brewster, of Scrooby](#) and [Ann Mary Brewster \(Harvey\)](#)
Husband of [Mary Brewster](#) and [Prudence Perkins](#)
Father of [Robert Brewster](#)

Managed by: [Daniel Robert May](#)
Last Updated: November 17, 2014

Robert Brewster

[Back to Brewster surname](#)



Robert Brewster

Birthdate: 1494
Birthplace: Rushmere, Suffolk, England
Death: Died 1540 in Rushmere, Suffolk, England
Immediate Family: Son of [William Brewster, of Rushmere](#) and [Mary Brewster](#)
Husband of [Elizabeth Brewster](#)
Father of [Mary Brewster](#); [James Brewster](#) and [Humphrey Clearke Brewster](#)

His brother [William Brewster of Hatfield](#) was born 1510 Bentley-Cum-Arksey Yorkshire - B.Can.L. Cambridge 1532-3


Last Updated: December 16, 2014

Humphrey Clearke Brewster

[Back to Brewster surname](#)



Humphrey Clearke Brewster

Birthdate: 1526
Birthplace: Rushmere, Suffolk, England
Death: Died June 29, 1593 in Wrentham, Suffolk, England
Place of Burial: Wrentham, Suffolk, England 
Immediate Family: Son of [Robert Brewster](#) and [Elizabeth Brewster](#)
Husband of [Alice Brewster](#)
Father of [Humphry Jr Brewster](#); [Susan Sarah Brewster](#); [Mary Brewster](#); [William Brewster](#); [Jane Brewster](#); [Francis Brewster, I](#) and [Elizabeth Brewster](#) « less
Brother of [Mary Brewster](#) and [James Brewster](#)

His first cousin [William Brewster of Scrooby](#) was born 1534; was Bailiff, Postmaster.

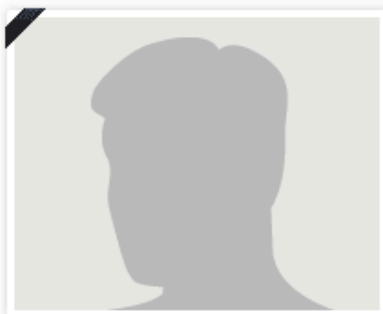
Last Updated: September 14, 2016

ALUMNI CANTABRIGIENSES

Humphry Jr Brewster

[Back to Brewster surname](#)

BREWSTER, HUMPHREY. Matric. pens. from St JOHN's, Easter, 1588. S. of Humphrey, of Wrentham, Suffolk, gent. Adm. at the Middle Temple, Nov. 1596, from New Inn. Died 1613, aged 44.



Humphry Jr Brewster

Birthdate: 1554
Birthplace: Wrentham Hall, Suffolk, England
Death: Died 1613
Immediate Family: Son of [Humphrey Clearke Brewster](#) and [Alice Brewster](#)
Husband of [Grissell ROWSE](#)
Brother of [Susan Sarah Brewster](#); [Mary Brewster](#); [William Brewster](#); [Jane Brewster](#); [Francis Brewster, I](#); and [Elizabeth Brewster](#) « less

Last Updated: November 4, 2014

Francis Brewster, I

[Back to Brewster surname](#)

Francis Brewster, I

Birthdate: circa 1573
Birthplace: Wrentham Hall, Suffolk, England
Death: Died October 16, 1632 in Somerset, England
Immediate Family: Son of [Humphrey Clearke Brewster](#) and [Alice Brewster](#)
Husband of [Elizabeth Brewster](#)
Father of [Robert Brewster](#); [Francis Brewster](#); [John Brewster](#); [Gillian Brewster](#) and [Mary Garth](#)
Brother of [Humphry Jr Brewster](#); [Susan Sarah Brewster](#); [Mary Brewster](#); [William Brewster](#); [Jane Brewster](#); and [Elizabeth Brewster](#) « less

His second cousin William "Elder" Brewster born 1565 Scrooby Nottinghamshire; matriculated as Pensioner Peterhouse College Cambridge 1580; Pilgrim leader of Mayflower Compact; Y-DNA Haplogroup I-M253; died 1644 Plymouth.

Occupation: Rent collector, Buttermaker, Yeoman, "Collector of Rents" for Sir John Stafford

Last Updated: August 31, 2016

Francis Brewster I

12-Generation 10-Great Grandfather of Frank Dodd (Tony) Smith Jr
Born 1566 in Suffolk England. Died 1644 in Somerset England.



Suffolk



Scrooby



Somerset

Suffolk and Somerset were Parliamentary in the English Civil War.

Francis I did not attend University, although some of his family members had:

Robert Brewster, of Scrooby, 2-Great-Grandfather of Francis I b. 1440 d. 1505,
was MA Cambridge 1468-9.

Robert Brewster, Grandfather of Francis I b. 1494 d. 1540

His brother William Brewster of Hatfield b. 1510 was B. Can. L. Cambridge 1532-3

Francis I was a collector of rents and so could afford to send his three sons to Cambridge where his brother had matriculated and to send two of his grandsons to Cambridge and to Harvard.

His father Humphrey Clearke Brewster (1526-1593) (according to Burke's Landed Gentry)
"... purchased the manor and living of Wrentham, and in 1556, built the hall there, at which his descendants continued to reside until 1794 ... The income of the proprietors of Wrentham was derived from lands in more than twenty parishes in Suffolk and Norfolk. In the former county the Brewsters possessed leading influence, and in the great rebellion became partisans of the parliament ...
[his grandson]... Robert Brewster ... sat ... for Dunwich in the Long Parliament ...

Humphrey [Clearke] Brewster ... had ... sons ... [William b. ca 1566] and

Francis [I] his heir ... b. in 1566 ... d. in 1644 ...

Humphrey [Jr]... [who matriculated as Pensioner St. John's Cambridge in 1588;
admitted Middle Temple 1596 from New Inn, b. 1569 died 1613 at age 44] ...

and

four dau[gher]s ... Elizabeth ... Susan ... Mary ... and Jane ...

The elder son and heir **Francis Brewster [I]**, Esq. of Wrentham Hall ...
an active parliamentarian during the rebellion as a magistrate and deputy-lieutenant ...
had ...[sons Francis II 1598-1647, Robert 1599-1663, and John b. 1600
and daughters Gillian Brewster and Mary Garth]

[Fellow-commoner; the first of the three ranks in which students were matriculated
Pensioner; the second of the three ranks in which students were matriculated
Sizar. The third of these ranks. In old times sizars performed many menial services.]

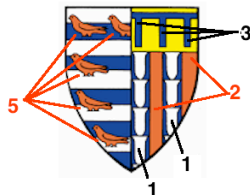
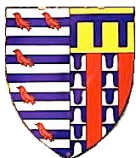
John ... b. in [1600]... d. in 1677 ...[subscribed Oxford 1613 **admitted Pensioner
Emmanuel Cambridge 1620** adm at Gray's Inn 1623]... was a member of the
parliament committee formed for the preservation of the peace of the county of
Essex ...

Robert ... b. in [1599]... d. in 1663 ... [**matriculated as Fellow Commoner Pembroke
Cambridge in 1617**; MP for Dunwich and for Suffolk]... had two sons ...

Francis ... b. in 1623 ...[**matriculated as Fellow Commoner St. Catherine's
Cambridge in 1642** adm at Gray's Inn 1646]... d. 1671 ...

Robert ... b. in 1625 ... d. in 1681 ...

Francis [II], of Wrentham, b. in [1598] ...[**was admitted (age 17) as Fellow Commoner
Pembroke Cambridge in 1617**; **matriculated in 1618**; **received BA in 1620**;



received MA in 1624. He was a Barber/Surgeon and a Puritan. ...

By the sixteenth century ... the Castle of Bristol ... had fallen into disuse, but the
City authorities had no control over royal property and the precincts became a

refuge for lawbreakers ... On 23 Aug 1626 ...[Francis II]... received a lease of the ... castle ... from King Charles I, for a period of 80 years ...

In 1630 the city bought the castle and when the Civil War broke out the city took the Parliamentary side and partly restored the castle. However Royalist troops occupied Bristol and eventually Oliver Cromwell ordered the destruction of the castle. The castle was demolished in 1656 ...

In 1638 ...[Francis II]... was one of the original settlers of New Haven ...

Around 1647 he died at sea aboard the Lombard Phantom Ship]...
having had issue ...

[daughters Mary French b. 1633 and Hannah Thompson and ? Herbert
sons Nathaniel 1618-1690, John b. 1632 and Robert b. 1638
and Francis 1627-1694, Joseph b. 1628 and Benjamin b. 1644

Mary, daughter of Francis II, testified at a 1654 New Haven witch trial

Witchcraft officially became a crime in Connecticut in 1642 ...

New Haven enacted its witchcraft law in 1655 ...

almost all of alleged witches were hanged ... no witch was ever burned at the stake in Connecticut (www.damnedct.com/connecticut-witchcraft-trials and

The Witchcraft Delusion in Colonial Connecticut (1647-1697) by John M. Taylor)]

Nathaniel ... b. in [1618 d. 1690]...

employed in Ireland by the parliament in 1655 ...

[**enrolled in Harvard in 1639 and was in Harvard's first graduating class,**



receiving the AB degree in 1642, ... Nathaniel then moved to England and became a cleric in the Church of England. In 1644 Nathaniel married Abigail Reynes with whom he had 3 children. In 1653 Oliver Cromwell was made Lord Protector of England, Scotland, and Ireland. After Abigail's death in 1654 Nathaniel attended Trinity College in Dublin receiving the B.D. degree in 1656. While in Dublin Nathaniel married Sarah Ludlow with whom he had 7 children. The English Restoration Uniformity Act of 1662 drove Puritan ministers from the Church of England to Presbyterian and Congregational Churches. In 1663 Nathaniel moved to Boston. In 1665, the year of Isaac Newton's B.A. degree from Trinity College, Cambridge (which then closed for the 1665-1666 Great Plague), Nathaniel moved to Suffolk County, Long Island, becoming the first minister of the Presbyterian Church at Setauket (Brookhaven Twp.)]...

This family had many ramifications; one offshot was settled ... in Essex ... and possessed the manor of Withfield ... and the manor of Condovers ... Another branch was ... at Castle Hedingham, in Essex, early in the 16th century ... In 1516, James Brewster ... was burnt for Lollardy at Smithfield [according to www.sacred-texts.com/chr/martyrs/fox114.htm about ... 1519 ... was executed in Smithfield, in London, James Brewster, a native of Colchester. His sentiments were the same as the rest of the Lollards, or those who followed the doctrines of Wickliffe; but notwithstanding the innocence of his life, and the regularity of his manners, he was obliged to submit to papal revenge]... [... The Smithfield area was fortunate to emerge largely unscathed by the Great Fire of London in 1666, which was abated near the Fortune of War Tavern, at the junction of Giltspur Street and Cock Lane, where the statue of the Golden Boy of Pye Corner is located. In the late 17th century, several residents of Smithfield emigrated to America where they founded the Town of Smithfield, Rhode Island ...]....

...
There was also a branch of the family in Kent

...
Another settled in Northamptonshire, and in the reign of Charles I, owned the manor of Welford and other lands there

...
also, branches in the county of Durham, in Scotland, and in Ireland

...
Another branch was established in the United States by **William [Elder] Brewster** ... the ruling elder and spritual guide of the Pilgrim Fathers who, in 1620, went out to America to avoid the religious persecutions to which they were exposed, and were the founders of New England ...[was born 1565 in Scrooby Nottinghamshire; **matriculated as Pensioner Peterhouse College Cambridge 1580**; Y-DNA Haplogroup I-M253; died 1644 Plymouth, second cousin of Francis I William "Elder" Brewster was son of William Brewster of Scrooby b. 1534 [who] [was appointed Receiver and Bailiff of the Archbishop's estates at Scrooby in 1575 for the duration of his lifetime. ... The terms of the appointment appear to suggest that Brewster should occupy all or part of the manor house ... He ... was appointed to the additional post of Master of the Queen's Postes in 1588. He was then responsible for the safe accommodation of Crown messengers journeying along the main road from London to Scotland. William Brewster Senior died in 1590, and was succeeded by his son ... From 1606-7 Brewster held Separatist meetings in the manor house. Around 1636-7 most of the manor house and its outbuildings were demolished following a demolition order granted by Charles I (www.scrooby.net/page/scroobyManorHouse)] and Grandson of William Brewster of Hatfield b. 1510 and Great-Grandson of William Brewster of Rushmere b. 1470 d. 1521 who was also Great-Grandfather of Francis I]

...
...[Brewster] Mottto - Verite soyet ma garde [Truth be my shield]..."

ALUMNI CANTABRIGIENSES

Francis Brewster

[Back to Brewster surname](#)

BREWSTER, FRANCIS. Adm. Fell.-Com. (age 17) at **PEMBROKE**, June 30, 1617. S. of Francis, of Wrentham, Suffolk. Matric. 1618; B.A. 1620; M.A. 1624. Died 1657. Brother of Robert (1617). (Burke, L. G.)



Francis Brewster, II

Also Known As: "born between 1598-1600 died (c) died 1646?"

Birthdate: circa 1598

Birthplace: Castle Bristol, Gloucester, England

Death: Died December 30, 1647 in at sea

Cause of death: lost at sea

Immediate Family: Son of [Francis Brewster, I](#) and [Elizabeth Brewster](#)
Husband of [Susanna Brewster](#) and [Lucretia Lucy Brewster \(Jones\)](#)
Father of [Robert Brewster](#); [Benjamin Brewster](#); [? Herbert](#); [Rev. Nathaniel Brewster](#); [Francis Brewster](#); [Joseph Brewster](#); [John Brewster](#); [Mary French](#) and [Hannah Thompson](#) « less
Brother of [Robert Brewster](#); [John Brewster](#); [Gillian Brewster](#) and [Mary Garth](#)

Occupation: Barber/Surgeon, Barber, Surgeon, Puritan, Barber Surgeon

Managed by: Private User

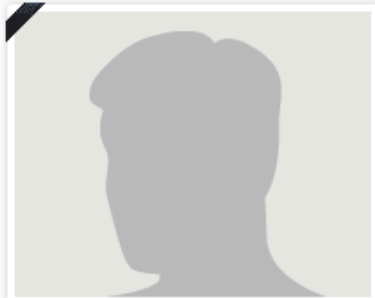
Last Updated: September 14, 2016

Robert Brewster

[Back to Brewster surname](#)

ALUMNI CANTABRIGIENSES

BREWSTER, ROBERT. Matric. Fell.-Com. from PEMBROKE, Easter, 1617. S. of Francis, of Wrentham Hall, Suffolk. B. 1599. M.P. for Dunwich, 1645, 1654, 1659; for Suffolk, 1656. Died 1663. Father of Francis (1642), and brother of Francis (1617). (Burke, *L.G.*)



Robert Brewster

Birthdate: 1587
Birthplace: Of Wrentham, Suffik, Eng.
Death: Died 1663
Immediate Family: Son of [Francis Brewster, I](#) and [Elizabeth Brewster](#)
Husband of [CORBET](#)
Brother of [Francis Brewster](#); [John Brewster](#); [Gillian Brewster](#) and [Mary Garth](#)

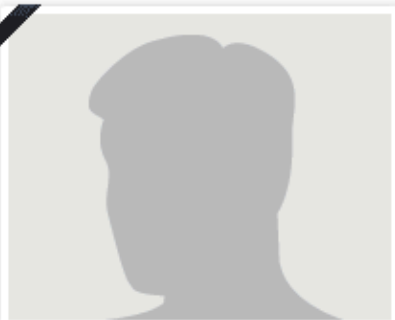
Managed by: Private User
Last Updated: November 10, 2014

John Brewster

[Back to Brewster surname](#)

Alumni Oronienses:

Brewster, John, subscribed 2 July, 1613. See Foster's *Judges and Barristers*.



John Brewster

Birthdate: 1600
Birthplace: Somerset, Bristol, City of Bristol, United Kingdom
Death: (Date and location unknown)
Immediate Family: Son of [Francis Brewster, I](#) and [Elizabeth Brewster](#)
Brother of [Robert Brewster](#); [Francis Brewster](#); [Gillian Brewster](#) and [Mary Garth](#)

Managed by: [Claire Fontaine Rich](#)
Last Updated: December 11, 2014

Rev. Nathaniel Brewster

[Back to Brewster surname](#)



Nathaniel Brewster

Birthdate: 1618

Birthplace: Bristol, City of Bristol, England

Death: Died December 18, 1690 in Brookhaven, Suffolk, New York

Place of Burial: Setauket Presbyterian Churchyard and Cemetery, Setauket- East Setauket, New York

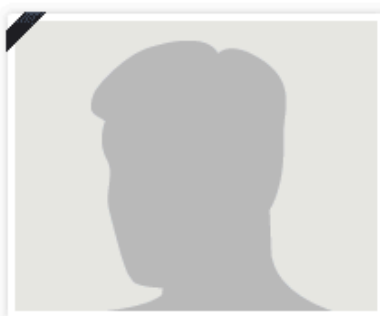
Immediate Family: Son of [Francis Brewster](#) and [Lucretia Lucy Brewster \(Jones\)](#)
Husband of [Abigail Brewster](#) and [Sarah Brewster](#)
Father of [Elizabeth Townley](#); [Abigail Burr](#); [John Brewster](#); [Sarah Smith](#); [Timothy Brewster, Sr.](#), Justice; [Daniel Brewster](#); [Deborah Brewster](#); [Dinah Tooker](#); [Mary Owen](#) and [Hannah Thompson](#) « less
Brother of [Francis Brewster](#); [Joseph Brewster](#); [John Brewster](#); [Mary French](#) and [Hannah Thompson](#)
Half brother of [Robert Brewster](#); [Benjamin Brewster](#) and ? [Herbert](#)

Occupation: Minister, Clergy, Reverend

Managed by: Private User

Last Updated: October 2, 2015

Daniel Brewster

[Back to Brewster surname](#)

Daniel Brewster

Birthdate: October 31, 1662
Birthplace: St. Etherbert's Parish, Alby, Norfolk, England
Death: Died June 15, 1748 in Brookhaven, Suffolk County, New York
Place of Burial: Middle Island, Suffolk County, New York, United States
Immediate Family: Son of [Rev. Nathaniel Brewster](#) and [Sarah Brewster](#)
Husband of [NN](#) and [Anna Brewster](#)
Father of [John Brewster](#); [Daniel Brewster, Jr.](#); [Hannah Brewster](#); [Eunice Dayton](#); [Amy Brewster](#) and [7 others](#)
Brother of [Timothy Brewster, Sr.](#), [Justice](#); [Deborah Brewster](#); [Dinah Tooker](#); [Mary Owen](#) and [Hannah Thompson](#)
Half brother of [Elizabeth Townley](#); [Abigail Burr](#); [John Brewster](#); [Sarah Smith](#) and [Hannah Muncy](#)

Managed by: [Private User](#)
Last Updated: July 31, 2016

John Brewster

[Back to Brewster surname](#)



John Brewster

Birthdate: November 1, 1705
 Birthplace: Brookhaven, Suffolk, New York, USA
 Death: Died August 23, 1778 in Blooming Grove, Orange, New York, USA

Immediate Family: Son of [Daniel Brewster](#) and [Anna Brewster](#)
 Husband of [Charity Brewster](#)
 Father of [John Brewster, II](#); [Edward Ebenezer Brewster](#); [Abigail Strong](#); [Isaac Brewster](#); [Francis Brewster](#); [Ruth Brewster](#); [Ann Tuthill](#); [Mary Brewster](#) and [Amy Brewster](#)
[« less](#)
 Brother of [Daniel Brewster, Jr.](#); [Hannah Brewster](#); [Eunice Dayton](#); [Amy Brewster](#); [Priscilla Nodding](#) and 5 others
 Half brother of [John Brewster](#)

Managed by: [Claire Fontaine Rich](#)
 Last Updated: December 10, 2016

Historical Person Search > Search Results > John Brewster (1700 - 1778)

TRY FREE FOR 14 DAY



John Brewster

Found 10 Records, 10 Photos and 1,623,133 Family Trees

Born on 1700. John married [Charity](#) and had 2 children. He passed away on 1778 in Orange, Virginia, USA.

Family Members

Parents



Unavailable



Unavailable

Spouse(s)



[Charity](#)
 1705-Unknown

Children



[Ruth Brewster](#)
 1730-Unknown



[John Brewster](#)
 1730-1814

John Brewster, II

[Back to Brewster surname](#)



John Brewster, II

Birthdate: 1728
Birthplace: Ireland
Death: Died 1816 in South Carolina, United States
Immediate Family: Son of [John Brewster](#) and [Charity Brewster](#)
Husband of [Elizabeth Brewster](#)
Father of [James Brewster](#); [Margaret Louisa Lavicy Louisa Bowen-Brewster](#); [Samuel Brewster](#); [William Brewster](#); [Henry Brewster](#); [Hugh Brewster](#); [Sheriff Brewster](#); [John Brewster](#); [Margaret Elizabeth Brewster](#); [Peggy Brewster](#); [Jinny Brewster](#); [Elizabeth Brewster](#); [Virginia Brewster](#) and [Hiram Brewster](#) « less
Brother of [Edward Ebenezer Brewster](#); [Abigail Strong](#); [Isaac Brewster](#); [Francis Brewster](#); [Ruth Brewster](#); [Ann Tuthill](#); [Mary Brewster](#) and [Amy Brewster](#) « less

Managed by: Private User
Last Updated: November 4, 2014

FAMILY TREES SEARCH DNA HELP EXTRAS [SUBSCRIBE](#) [SIGN](#)

Historical Person Search > Search Results > **John Brewster (1730 - 1814)** [TRY FREE FOR 14 D](#)

John Brewster

Found 10 Records, 10 Photos and 1,623,133 Family Trees

Born in [Virginia, USA](#) on 1730 to [John Brewster](#) and [Charity](#). John married [Elizabeth Sheriff](#) and had 11 children. He passed away on 1814 in [North Carolina, USA](#).

Family Members

Parents	Spouse(s)	Children	
John Brewster 1700-1778	Elizabeth Sheriff 1730-1754	Virginia Brewster	James Brewster 1758-1804
Charity 1705-Unknown		Samuel Brewster 1761-1834	William Brewster 1757-1847
		Henry Brewster 1757-1815	Hugh Brewster 1759-1840
		John Brewster 1760-1786	Sheriff Brewster 1763-1832
		Peggy Brewster 1771-Unknown	Elizabeth Brewster 1773-Unknown
		Margaret Brewster 1767-1852	



James Brewster

Found 10 Records, 4 Photos and 1,623,133 Family Trees

Born in Rockingham, Virginia, USA on 1758 to [John Brewster](#) and [Elizabeth Sheriff](#). James married [Mildred Downs](#) and had 11 children. He passed away on 1804 in Anderson, South Carolina, USA.

Family Members

Parents

-  **John Brewster**
1730-1814
-  **Elizabeth Sheriff**
1730-1754

Spouse(s)

-  **Mildred Downs**
1763-1818

Children

-  **Elizabeth Brewster**
1782-1851
-  **Sarah Brewster**
1781-1857
-  **Jane Brewster**
1783-Unknown
-  **Downs Brewster**
1785-1845
-  **Jane Bruster**
1789-1876
-  **Mary Polly Brewster**
1787-1842
-  **Polly Brewster**
1787-Unknown
-  **James Brewster**
1780-1870
-  **Charlotte Pierce Brewster**
1797-1850
-  **Henry Brewster**
1803-Unknown
-  **William B Brewster**
1803-1827



Sarah Brewster

Found 10 Records, 10 Photos and 1,623,133 Family Trees

Born in **South Carolina, USA** on 1781 to [James Brewster](#) and [Mildred Downs](#). Sarah married [James Dickerson](#) and had 2 children. She passed away on 1857 in **Georgia, USA**.

Family Members

Parents



James Brewster
1758-1804



Mildred Downs
1763-1818

Spouse(s)



James Dickerson
1780-1857

Children



Mahala Dickerson
1807-1879



**Mary Brewster
Dickerson**
1819-1895



James Dickerson

Found 10 Records, 6 Photos and 859,933 Family Trees

Born in **South Carolina, USA** on 1780 to [Robert Dickerson](#) and [Zillah](#). James married [Sarah Brewster](#) and had 2 children. He passed away on 1857 in **Stilesboro, Georgia, USA**.

Family Members

Parents



Robert Dickerson
1765-Unknown



Zillah

Spouse(s)



Sarah Brewster
1781-1857

Children



Mahala Dickerson
1807-1879



**Mary Brewster
Dickerson**
1819-1895



Mary Brewster Dickerson

Found 10 Records, 6 Photos and 859,933 Family Trees

Born in **South Carolina, USA** on **1819** to [James Dickerson](#) and [Sarah Brewster](#). Mary Brewster married [Benjamin Franklin Smith](#) and had 10 children. She passed away on **1895** in **Georgia, USA**.

Family Members

Parents



James Dickerson
1780-1857



Sarah Brewster
1781-1857

Spouse(s)



Benjamin Franklin Smith
1815-1893

Children



James Madison Smith
1841-1884



Joseph E Smith
1844-1870



Jesse L Smith
1849-1850



Mary E Smith
1853-1870



Georgia Ana Smith
1857-1870



Frances C Smith
1842-1850



Sarah J Smith
1846-1860



Jeffrey D Smith
1851-1870



Nancy M Smith
1853-1934



Benjamin F Smith
1859-1870



Benjamin Franklin Smith

Found 10 Records, 7 Photos and 41,796,081 Family Trees

Born in **Georgia, USA** on **1815**. Benjamin Franklin married [Mary Brewster Dickerson](#) and had 10 children. He passed away on **1893** in **Georgia, USA**.

Family Members

Parents



Unavailable



Unavailable

Spouse(s)



Mary Brewster Dickerson
1819-1895

Children



James Madison Smith
1841-1884



Joseph E Smith
1844-1870



Jesse L Smith
1849-1850



Mary E Smith
1853-1870



Georgia Ana Smith
1857-1870



Frances C Smith
1842-1850



Sarah J Smith
1846-1860



Jeffrey D Smith
1851-1870



Nancy M Smith
1853-1934



Benjamin F Smith
1859-1870



James Madison Smith

Found 10 Records, 8 Photos and 41,796,081 Family Trees

Born in Georgia, USA on 1841 to [Benjamin Franklin Smith](#) and [Mary Brewster Dickerson](#). James Madison married [Nancy Lou Mcclellan](#) and had 4 children. He passed away on 1884 in Polk, Georgia, USA.

Family Members

Parents



Benjamin Franklin Smith
1815-1893



Mary Brewster Dickerson
1819-1895

Spouse(s)



Nancy Lou Mcclellan
1849-1914

Children



Mary L Smith
1869-Unknown



Benjamin F Smith
1872-Unknown



William M Smith
1871-Unknown



James Madison Smith
1877-1932



James Madison Smith

Found 10 Records, 9 Photos and 41,796,081 Family Trees

Born in Georgia, USA on 1877 to [James Madison Smith](#) and [Nancy Lou McClellan](#). James Madison married [Clara Mae Dodd](#) and had 4 children. He passed away on 1932 in Taylorsville, Bartow, Georgia, USA.

Family Members

Parents



James Madison Smith
1841-1884



Nancy Lou McClellan
1849-1914

Spouse(s)



Clara Mae Dodd
82-1919

Children



Mirriam Smith



James Warren Smith
1904-2000



Sidney L Smith



Frank Dodd Smith
1906-1986

Spouse(s) 1922

Lilybelle Lavender
born 8 November 1889
died 1/10/1984

Children

Jack Madison Smith
born 24 April 1926
died 16 April 2002

Frederick Lavender Smith
born 3 DEC 1928
died 26 NOV 2015

Spouse

Mona Lankford Smith
born 5 July 1932
died 28 December 1996

Children

Frederick Madison Smith
born 18 March 1958
Sarah Frances Smith Barnaby
born 31 March 1955

material added by Tony Smith



Frank Dodd Smith

Found 10 Records, 10 Photos and 41,796,081 Family Trees

Born in Stilesboro, Bartow, Georgia, USA on 19 Dec 1906 to [James Madison Smith](#) and [Clara Mae Dodd](#). Frank Dodd married [Willie Julia Ham](#) and had a child. He passed away on Sep 1986 in Cartersville, Bartow, Georgia, USA.

Family Members

Parents



James Madison Smith
1877-1932



Clara Mae Dodd
82-1919

Spouse(s)



Willie Julia (Billie) Ham
1915-1995

Children



Frank Dodd (Tony) Smith, Jr.
was conceived on Shavuot, 6-7 Sivan, 5700
12-13 June 1940 year of Metal and Dragon
in the Braban Hotel in Cartersville, Georgia, USA
and
was born on Purim, 14 Adar, 5701
13 March 1941 year of Metal and Snake
in Cartersville, Georgia, USA, at about 1 AM
material added by Tony Smith

Frank Dodd (Tony) Smith, Jr. - Princeton 1963 = 1642 + 321 years

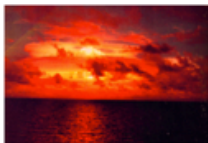
Tiger Eye = Quartz SiO_2 intergrown with

Goethite $\text{Fe}_2\text{O}_3 \cdot \text{H}_2\text{O}$ = needle iron ore with Ferric Fe^{3+} Iron(III)

hydrated with $n\text{H}_2\text{O}$ = Limonite

Iron = Steel Industry

Limonite = H_2O neutron absorption + Iron charged-particle absorption = Mike Shield



Operation Ivy
H-bomb Mike 82 tons 1 November 1952



Silver + Palladium

Ag = currency

Pd = Cold Fusion of $\text{D} + \text{D} + \text{D} + \text{D} \rightarrow \text{He} + \text{He} + 48 \text{ MeV}$



ADVANCED CALCULUS

by H. K. NICKERSON, D. C. SPENCER AND N. E. STEENROD

the honors course in Advanced Calculus ... Princeton University

TABLE OF CONTENTS

I. THE ALGEBRA OF VECTOR SPACES

II. LINEAR TRANSFORMATIONS OF VECTOR SPACES - leads to Lie Groups and Symmetric Spaces

III. THE SCALAR PRODUCT

IV. VECTOR PRODUCTS IN \mathbb{R}^3 - leads to Vector Products in \mathbb{R}^7

V. ENDOMORPHISMS

VI. VECTOR-VALUED FUNCTIONS OF A SCALAR

VII. SCALAR-VALUED FUNCTIONS OF A VECTOR

VIII. VECTOR-VALUED FUNCTIONS OF A VECTOR

IX. TENSOR PRODUCTS AND THE STANDARD ALGEBRAS - leads to Clifford Algebras and Spinors

X. TOPOLOGY AND ANALYSIS

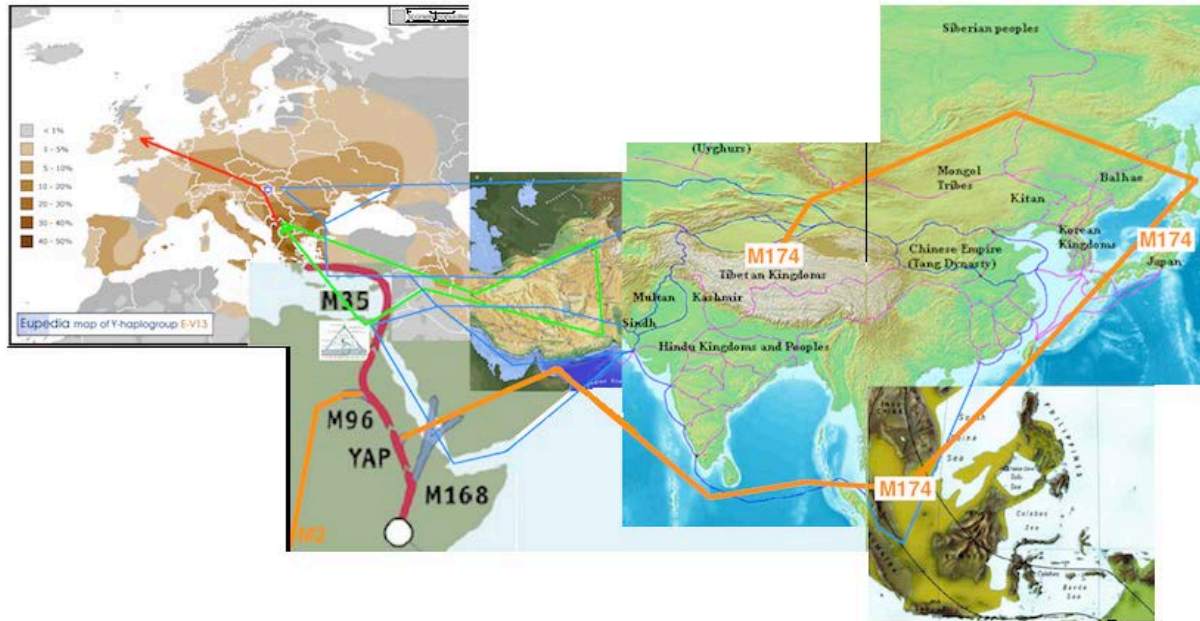
XI. DIFFERENTIAL CALCULUS OF FORMS

XII. INTEGRAL CALCULUS OF FORMS

XIII. COMPLEX STRUCTURE - leads to Potential Theory, Green's Functions, Bergman Kernels, Bounded Domains, and Schwinger Sources

Paternal DNA Smith

Overview



50,000 BP - Africa Haplogroup M168



50,000 - 40,000 BP - Africa Haplogroup YAP



Cousins of my Paternal Y-DNA Line:

50,000 BP - M174 leaves YAP from Africa to Sunda, Japan, Tibet



Tibet - I Ching 64 = E8 triality

Japan - Shinto Futomani 128 = E8-Cl(16) half-spinor

Sunda - Origin of India-China Asia population (HUGO, Science 326 (2009) 1541- 1545)

Rg Veda - 240 E8RV Hindu - Sanskrit - Mt Meru 256 = Cl(8) = Cl(16) spinor

Angkor Wat (yellow) - Angkor Thom (red) - Phnom Bakheng (purple)



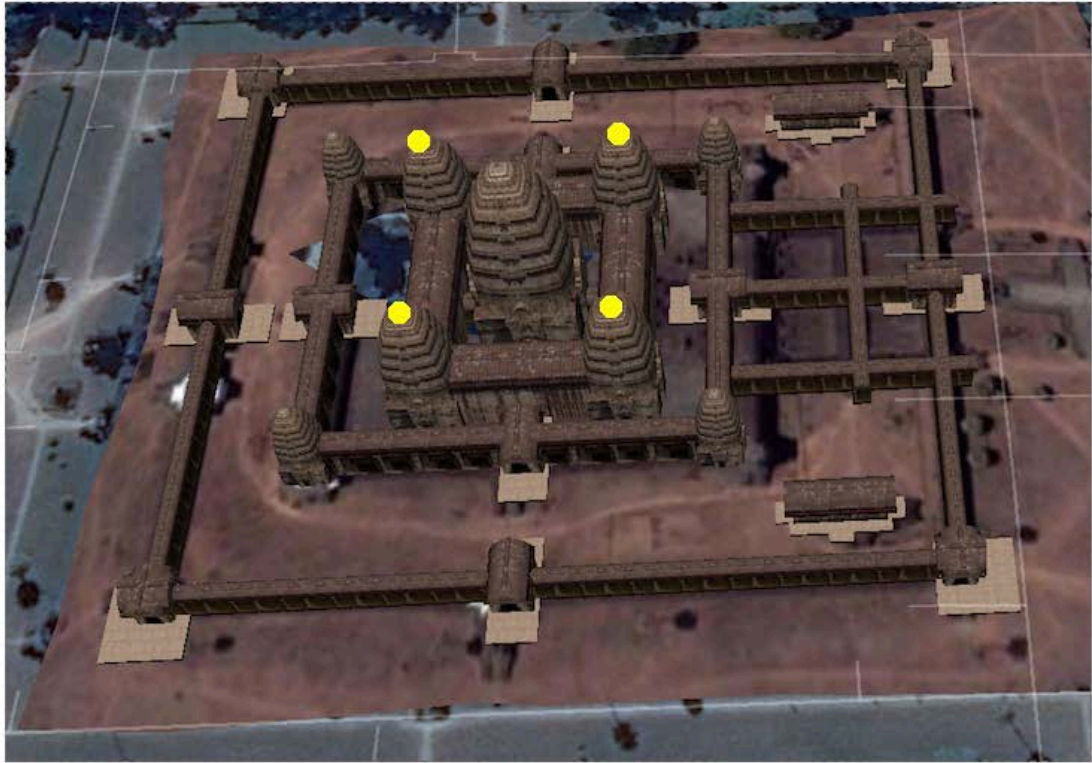
(tourismcambodia.com map)

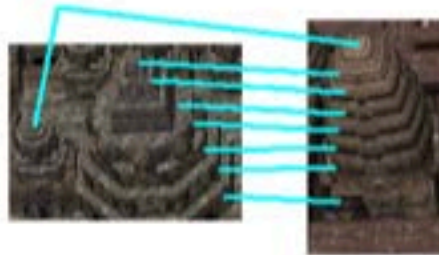
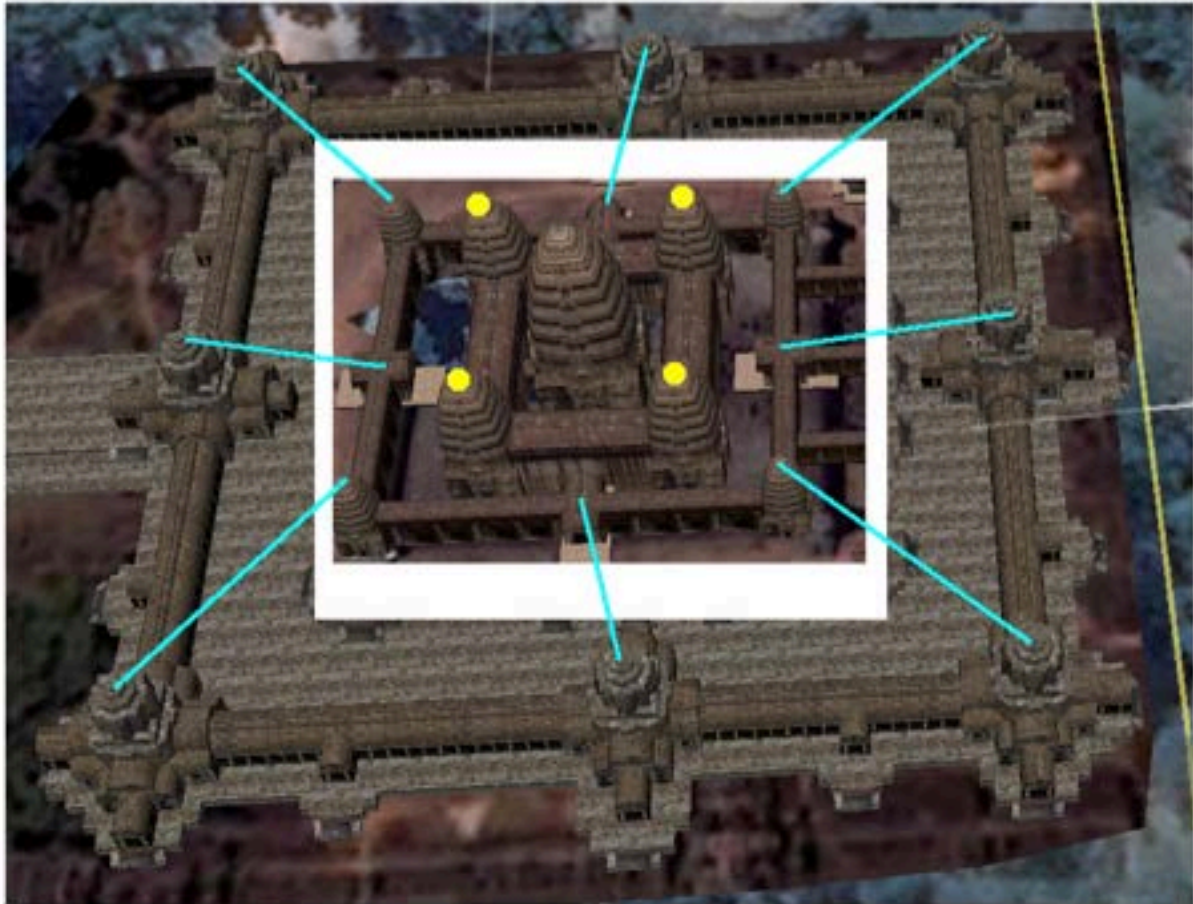
Angkor Wat has 4 pillars around its center - IFA Tetragram = 4 bars out of 8 = 4e + 4o

Angkor Thom has two arrays of 16 pillars each around its center - 16x16 = 256 IFA Odu

Both are enclosed in 8-pillar squares - 8 IFA Opele Chain Elements - $2^8 = 256$ IFA Odu

Both centers have 8 layers - $2^8 = 256$ IFA Odu = dim Cl(1,7) = Cl(8)



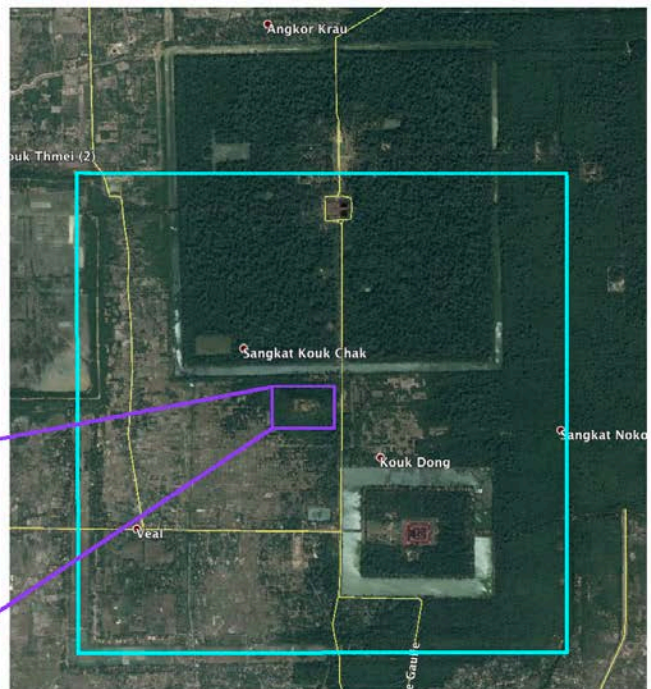
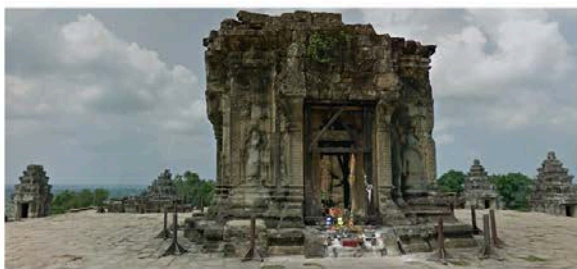


The center pillars of Angkor Thom and Angkor Wat each represent 8 levels of Mt. Meru. According to the Indian National Science Academy web site insaindia.org : "... The Vedic Civilization ... evolved around ... the Vedas ... Vedic meters ... permutations and combinations of long and short sounds ... led ... to discover[y of] the Meru Prastara ... now known as Pascal's Triangle ...". In my Mt. Meru diagram below, the row I have outlined in cyan contains the $1+8+28+56+70+56+28+8+1 = 256 = 16 \times 16$ elements of the $Cl(8)$ Real Clifford Algebra of African IFA divination. The other rows contain the 2^N elements of $Cl(N)$ where N is the second number from the left in each row, so that the Meru Prastara describes all Real Clifford Algebras $Cl(N)$, with the figure above showing $Cl(0)$ through $Cl(16)$ which I have outlined in green.

According to Wikipedia: "...Phnom Bakheng is a symbolic representation of Mount Meru ... a status emphasized by the temple's location atop a steep hill 65 m above the surrounding plain. The temple is built in a pyramid form of seven levels ... At the top level [are] five sandstone sanctuaries - [as in] Angkor Wat seen from Phnom Bakheng ...



... Originally, 108 small towers were arrayed around the temple at ground level and on various of its tiers; most of them have collapsed ...".



(google earth images)

Phnom Bakheng has 3-mile square moat with area $3^2 = 9$



Angkor Thom

has 2-mile square moat $2^2 = 4$

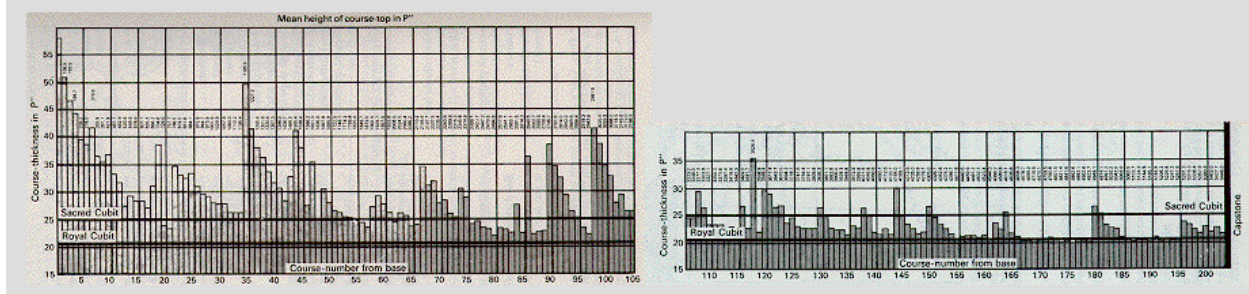
Angkor Wat



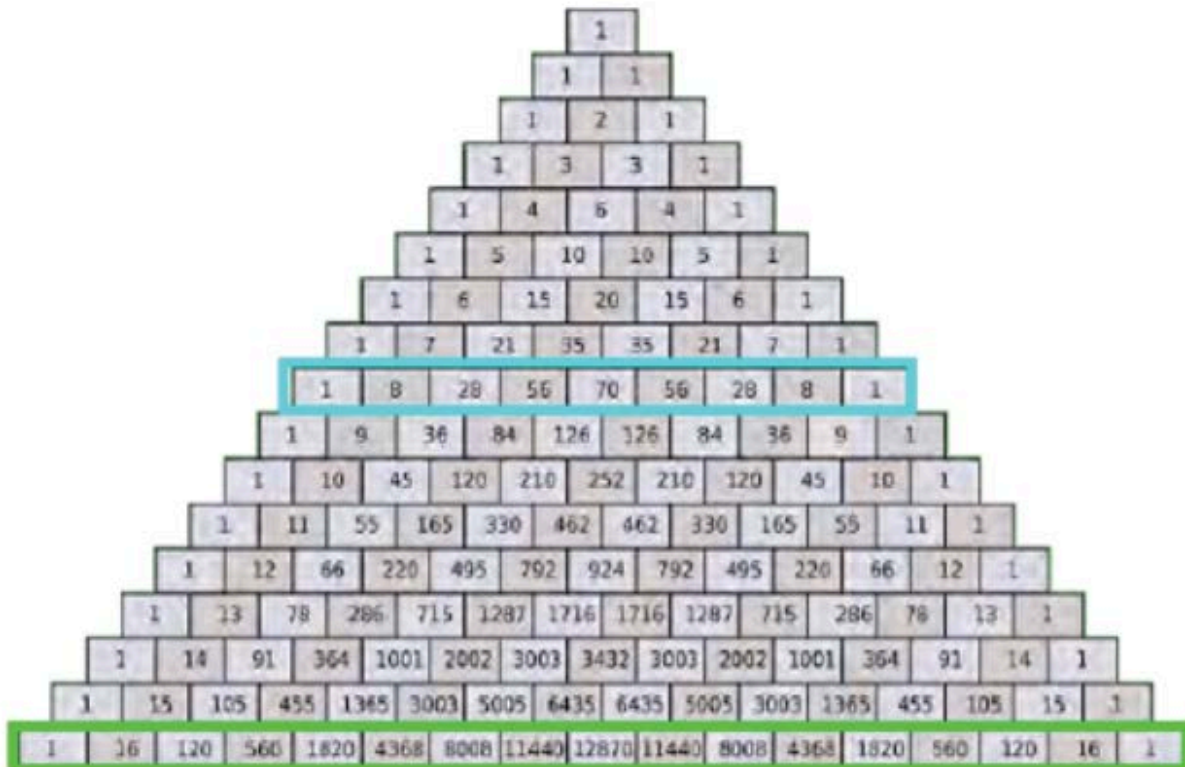
has rectangular moat with 1-mile base

1 and 4 and 9 are the top three components of the Square Pyramidal Number of order 8
 $1+4+9+16+25+36+49+64 = 204 = 203 \text{ courses of Great Pyramid} + \text{Capstone}$

(chart from The Great Pyramid, by Peter Lemesurier, Element Books (1987))

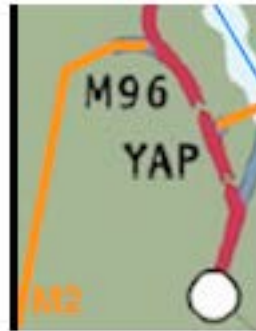


Mt. Meru corresponds to the Binomial Pyramid Triangle:



Square Pyramidal Number of order 16 = 1496 = 8 x 11 x 17

40,000 BP - M96 leaves YAP and goes up Nile
 Cousins of my Paternal Y-DNA Line:
 M2 branch going back south to Boskop



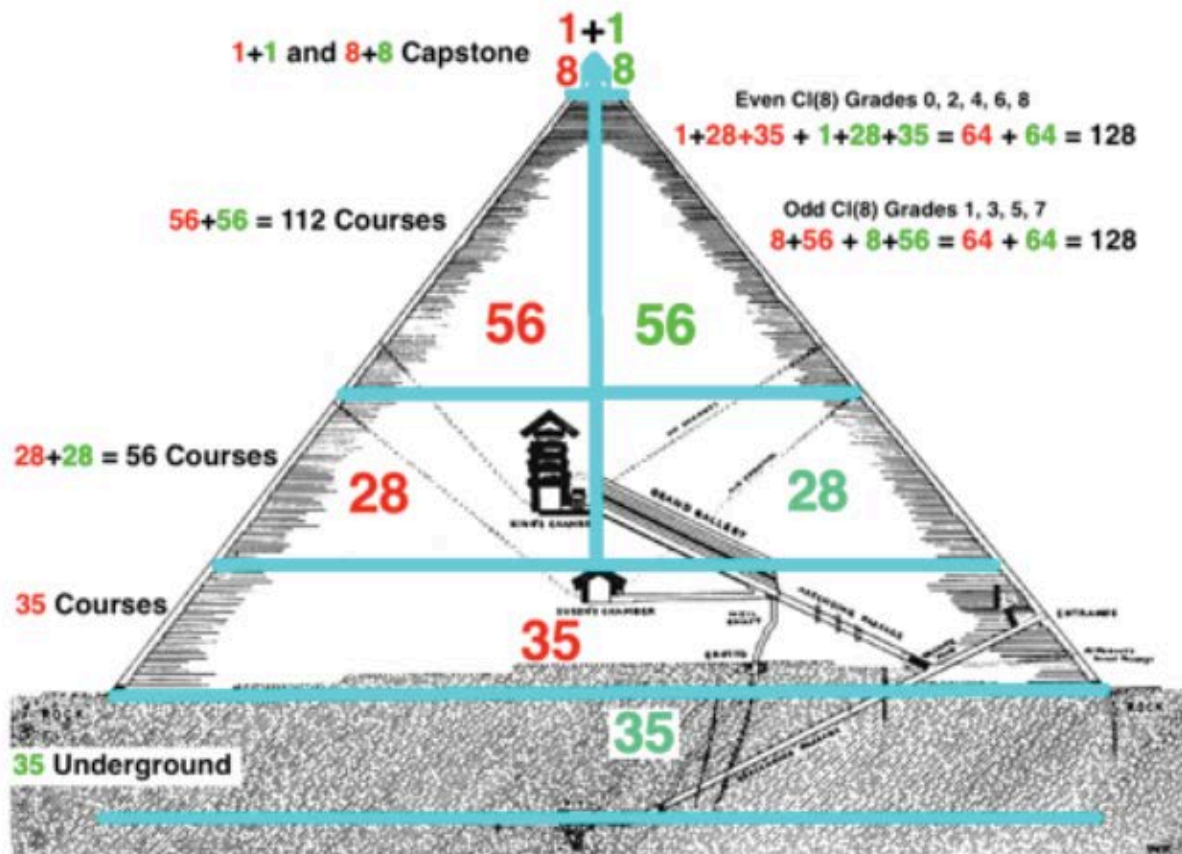
36,000 BP - M96 continues up Nile to build the Great Pyramid
 and during its construction to invent the efficient Hebrew Alphabet
 and the time of Late Wisconsin Glaciation
 and the time that the shock wave of the Geminid Supernova hit the Earth
 and beginning of Manetho's Rule of Gods on Earth (36,000 to 22,000 BP)



The Builders of the Great Pyramid who had migrated throughout the length of the Nile along which substantially contiguous settlements enabled them to maintain enough contact to maintain the details of the oral traditions of IFA so that when they built the earliest of the pyramids, the Great Pyramid, they did not deface it with any writing but instead encoded the IFA Clifford Algebra in the structure of the Pyramid itself: The Great Pyramid is built of 203 layers (courses) plus a now-missing capstone represented by $1+1 + 8+8 = 18$ for a total of 221 courses above ground level. The Subterranean Pit is as deep below ground level as Queen's Chamber is above it so the Subterranean Pit depth equivalent to 35 courses is dual to the Queen's Chamber height of 35 courses just as the 70 mid-grade grade 4 elements of the Cl(8) Clifford

Algebra are (35+35) 35 elements plus 35 elements, dual to each other. When the Subterranean 35 courses are included, the total number Courses of the Great Pyramid is $221 + 35 = 256 =$ number of IFA Odu and dimension of IFA Clifford Algebra $Cl(8)$.

$$Cl(8) = 1 + 8 + 28 + 56 + (35 + 35) + 56 + 28 + 8 + 1$$



$$1 + 8 + 28 + 56 + (35 + 35) + 56 + 28 + 8 + 1$$

(image adapted from David Davidson image -
for a larger version of this image go to tony5m17h.net/GreatPyrCl8.png
or valdostamuseum.com/hamsmith/GreatPyrCl8.png)
(for more details about the Great Pyramid Geometry correspondences see viXra 1305.0060)

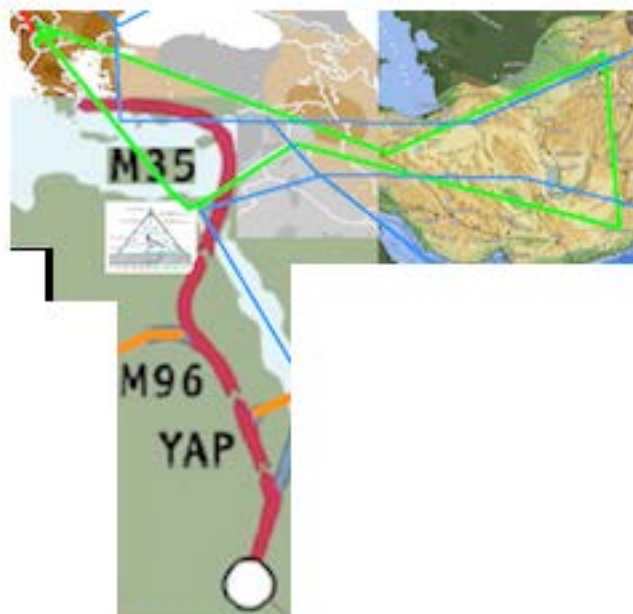
22,000 BP - M35 leaves M96 and Africa to cross Mediterranean
 from the Nile Delta into the Middle East and Kosovo / Macedonia
 Manetho's Rule by Demigods and Spirits of the Dead (22,000 to 11,000 BP)
 ended after Ice Age when sea levels rose requiring agri-tech for survival
 Manetho's Rule of Mortal Humans began 11,000 BP
 which was about 25-26,000 years after the Geringa shock wave
 when the Great Pyramid Star Alignments were the same
 11,000 BP also had a supernova (Vela X) and the Sphinx was built.



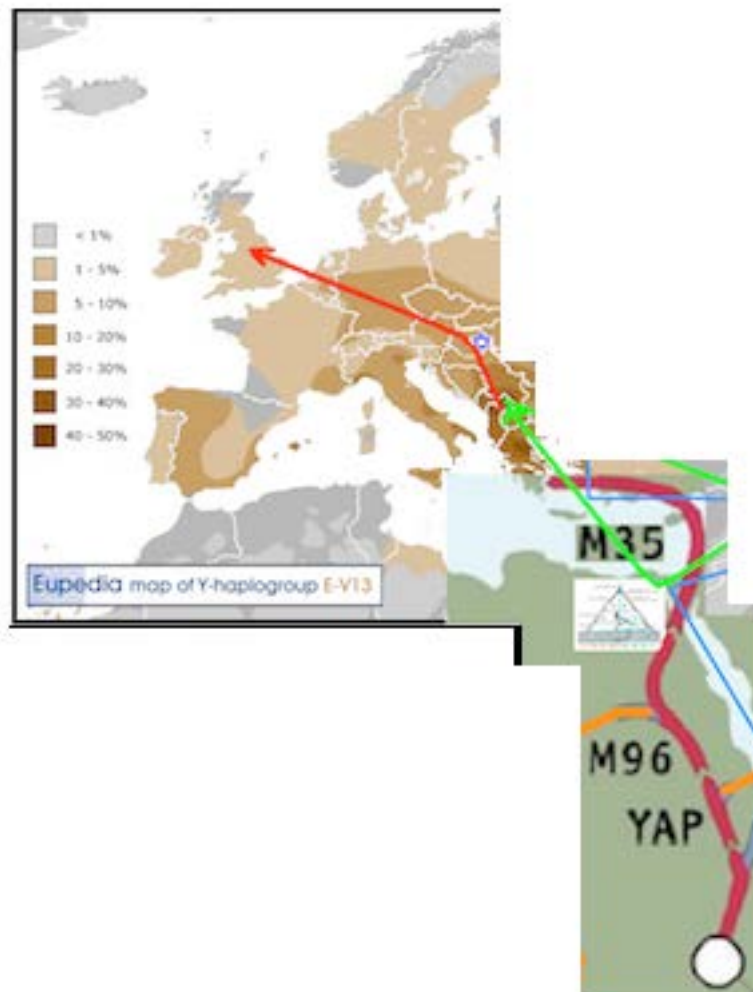
8,000 BP - During Manetho's Rule of Mortal Humans (11,000 BP through now)

E-V13 evolved from M35 and:

330 BC - Cousins of my Paternal Y-DNA Line - Alexander the Great army goes East to India and South to Great Pyramid / Alexandria and then returns to Kosovo / Macedonia.



100 BC - Gaius Marius formed Roman Legions using Kosovars / Macedonians.
130 AD - Roman Legions controlled Danube / Rhine / Britain (up to Hadrian's Wall).



Cousins of my Paternal Y-DNA Line:

300 AD - Hungarian Ashkenazim founded by M35 descendants.

500 AD - Ashkenazim in Hungary set up Radhanite Europe / Tang China trade

1000 AD - Tang Dynasty ended and Venice, Genoa, etc. succeeded Radhanites.



...

1816 - 4th Gen Grandfather Benjamin Franklin Smith born

1841 - 3rd Gen Grandfather James Madison Smith born Stilesboro GA

1877 - 2nd Gen Grandfather James Madison Smith born Taylorsville GA

1906 - 1st Gen Father Frank Dodd Smith of Tony born Stilesboro GA

1926 - 1st Gen Father Jack Smith of Fred and Sarah Fran born Cartersville GA