

# **The Battered Earth**

## **Injury, Loss, and Healing**



6 Second Month 2023

Beverly G Ward, SEYM Field Secretary for Earthcare

# Overview

- Gratitude
  - All who made it possible for me to be with you
  - For you holding me in your hearts
  - And for joining me in exploring a 1,000-year planning model
- A restoryation of the Earth and some of her people
- Trauma—galactic to microscopic
- Loss relations and relationships
  - Why grief
- Identifying and repairing the breaches





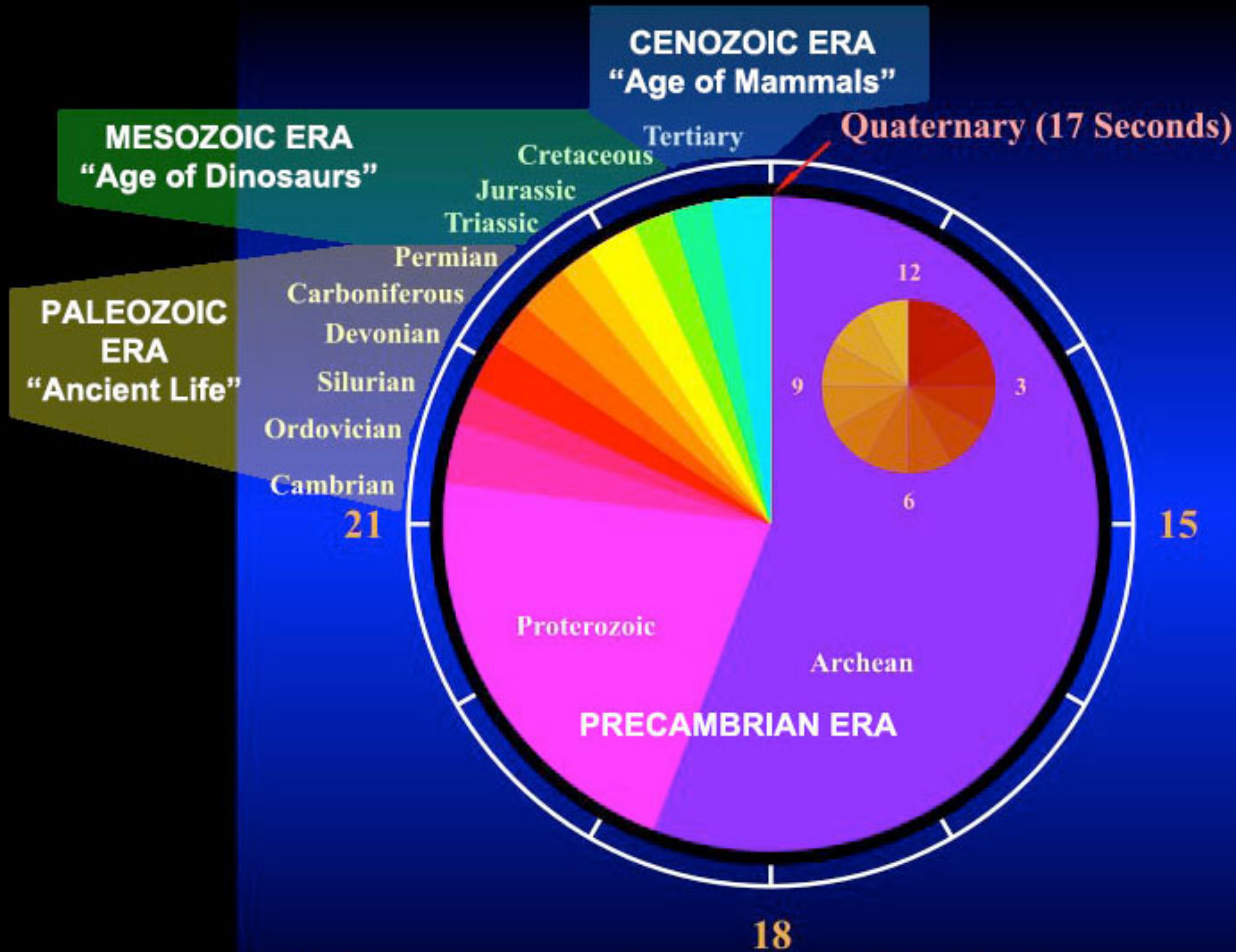






“In the stillness of quiet, if we listen, we can hear the whisper of the heart giving strength to weakness, courage to fear, hope to despair.”  
— Howard Thurman





[https://gotbooks.miracosta.edu/earth\\_science/chapter1.html](https://gotbooks.miracosta.edu/earth_science/chapter1.html)



# Geologic Timeline





## Continental Drift Events



PRESENT DAY



Circa 40 Million years ago



Circa 80 Million years ago



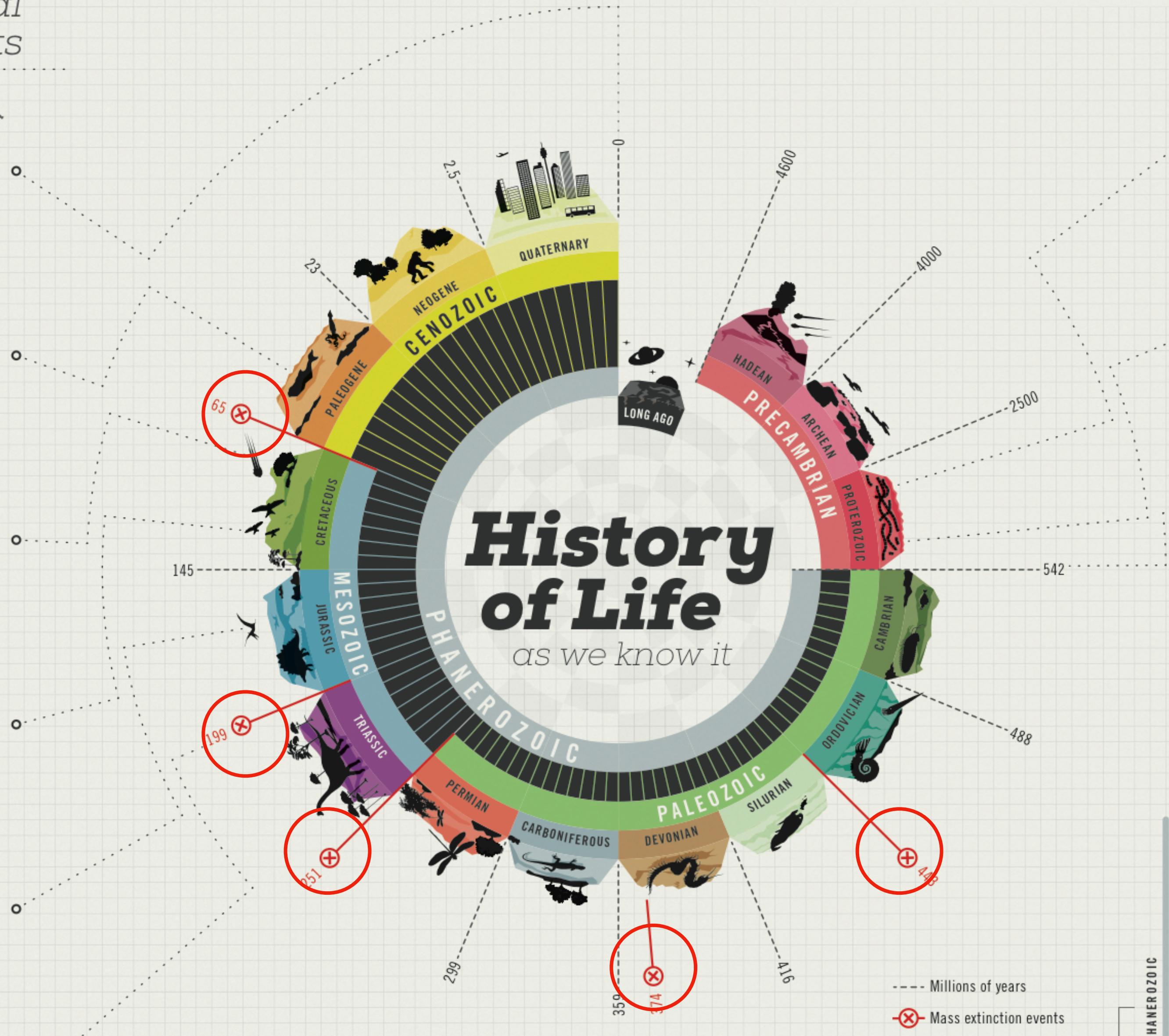
Circa 120 Million years ago



Circa 160 Million years ago



PANGEA  
Circa 200 Million years ago



## Milestones

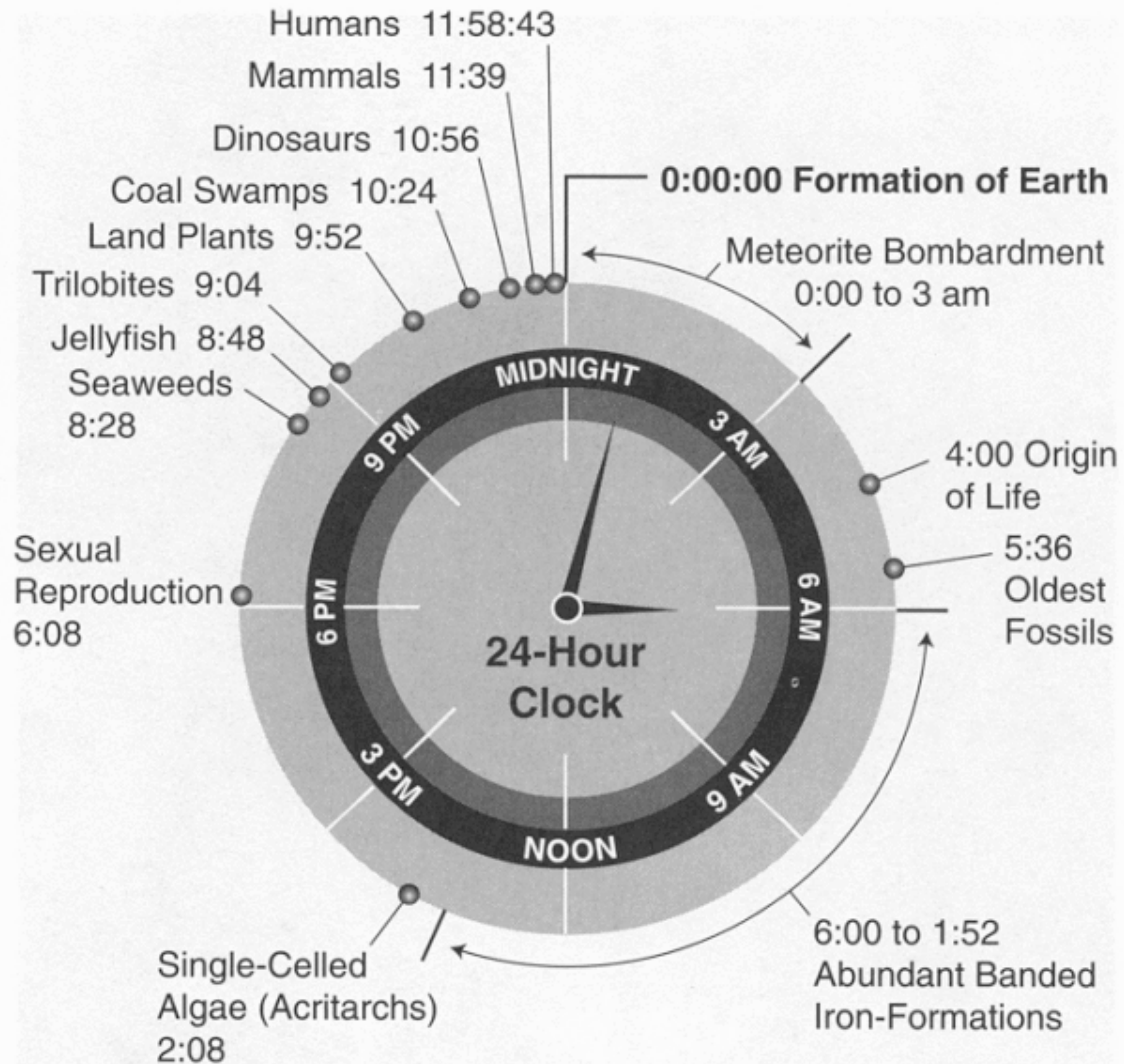
- Earth's formation
- High volcanism, asteroid impacts
- Stromatolites
- Multicelled organisms
- Trilobites
- Nautiloids
- Fishes
- Arthropods
- Amphibians
- Primitive dragonflies
- Dinosaurs
- Stegosaurs
- First birds
- Whales
- Hominids
- Human civilization

## Phanerozoic Timeline



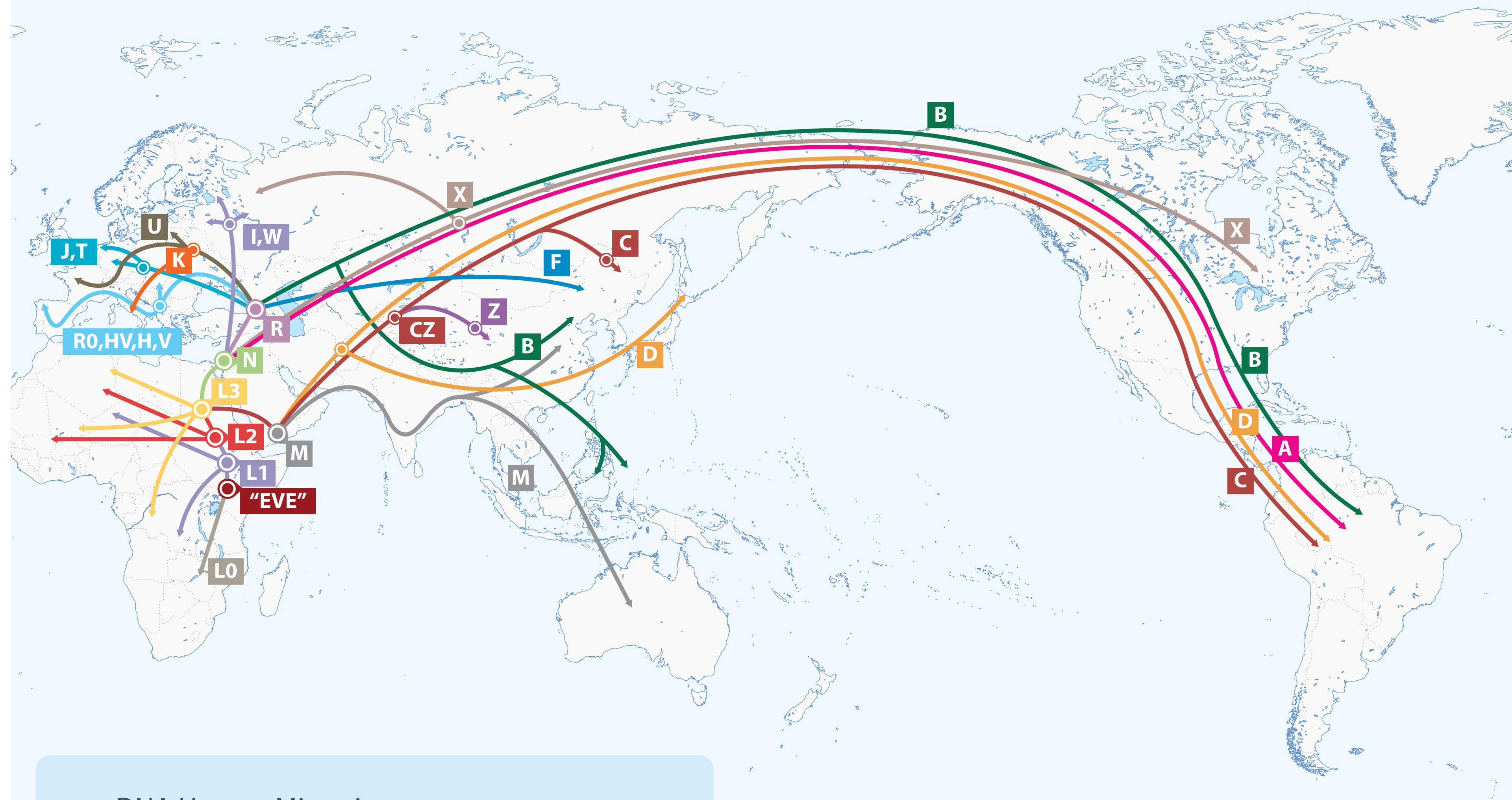


# Evolution of Life on Earth





# National Geographic mtDNA Haplogroup Migrations Map



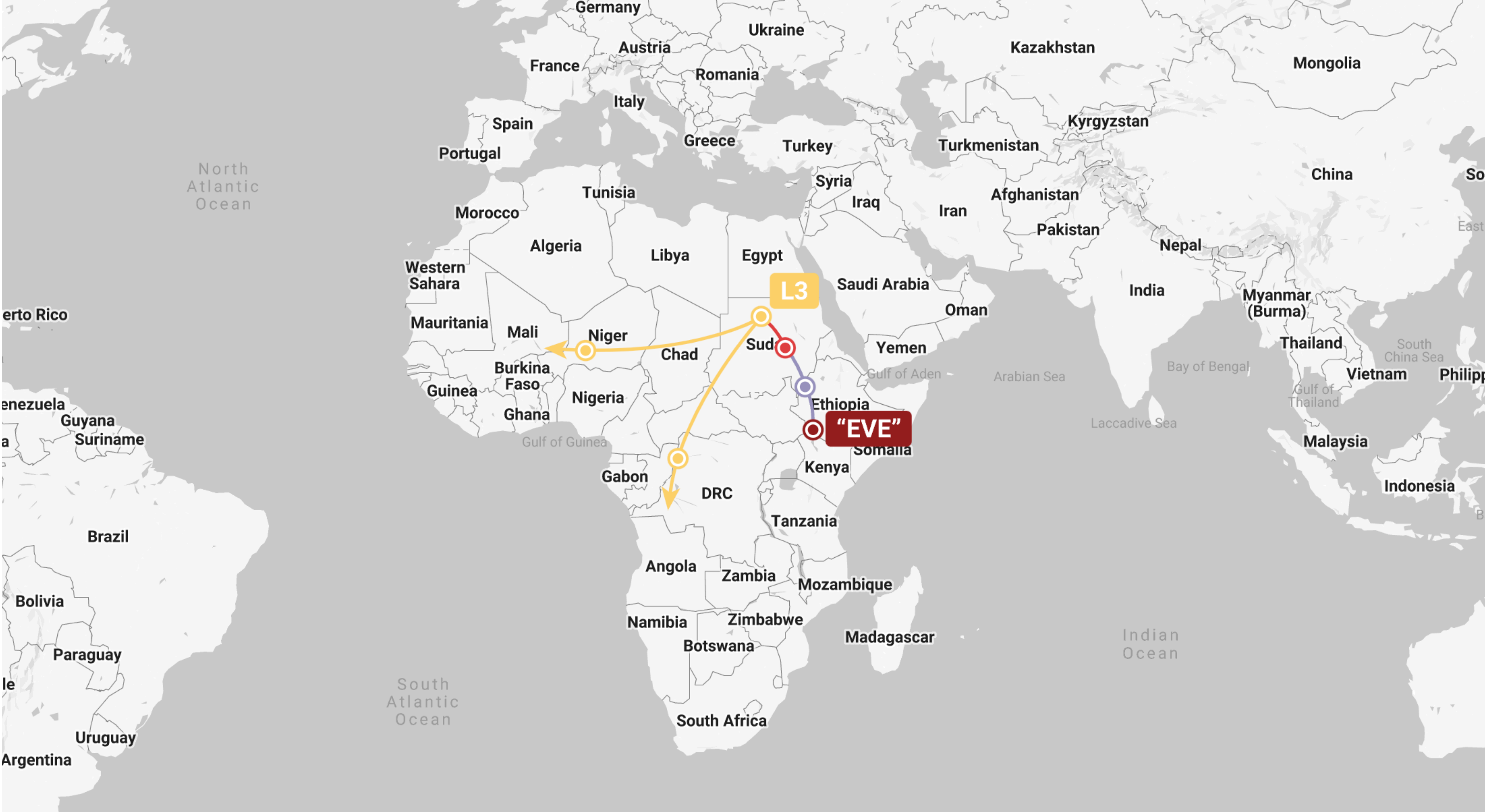
mt-DNA Human Migration					
Thousands of Years Ago					
A	30	J	40	R	50
B	50	K	25	R0	30
C	20	L0	>100	T	20
D	25	L1	>100	U	50
F	50	L2	80	V	15
H	30	L3	70	W	20
HV	30	M	60	X	30
I	15	N	50	Z	30



Copyright 2006®

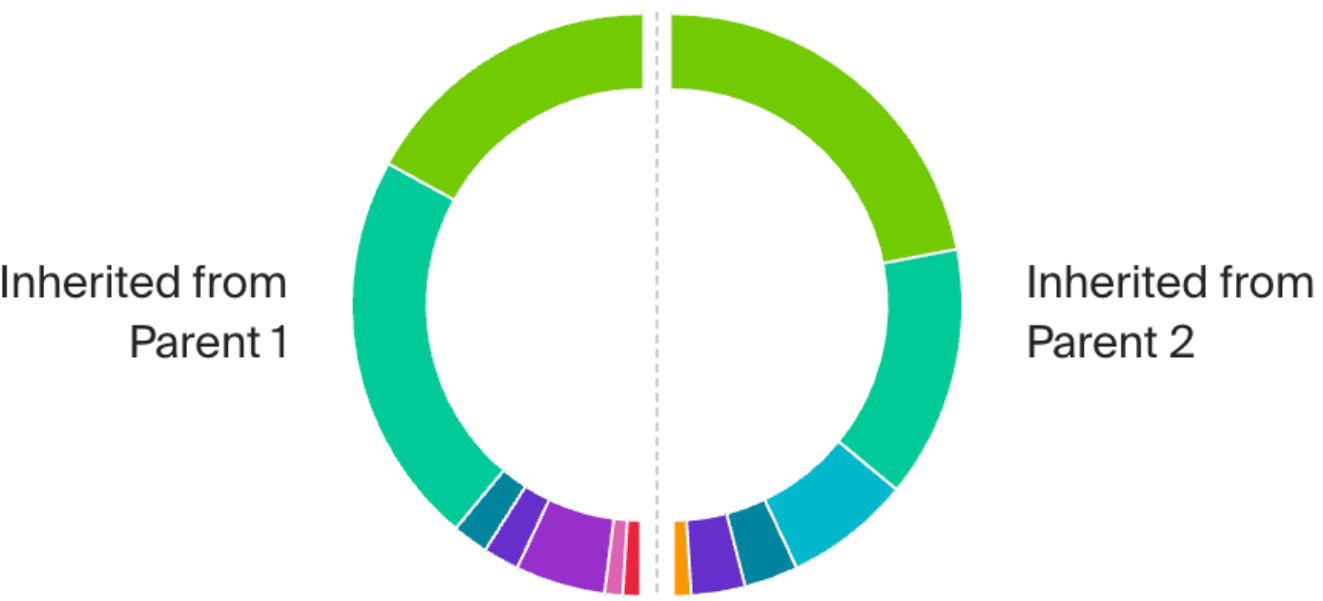
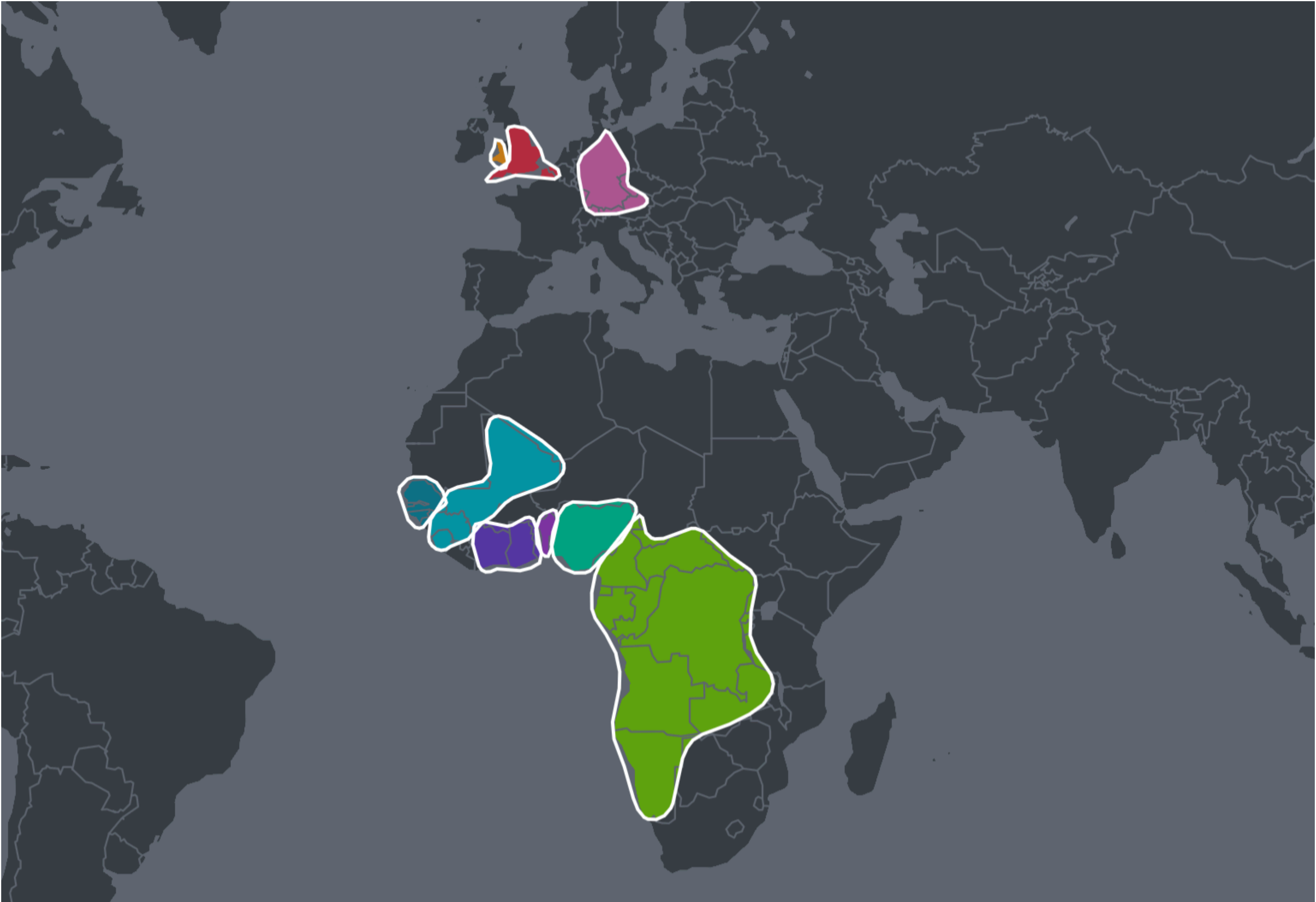


# mtDNA Haplogroup BGW's Migration Map





# BGW's Ethnicity Estimate

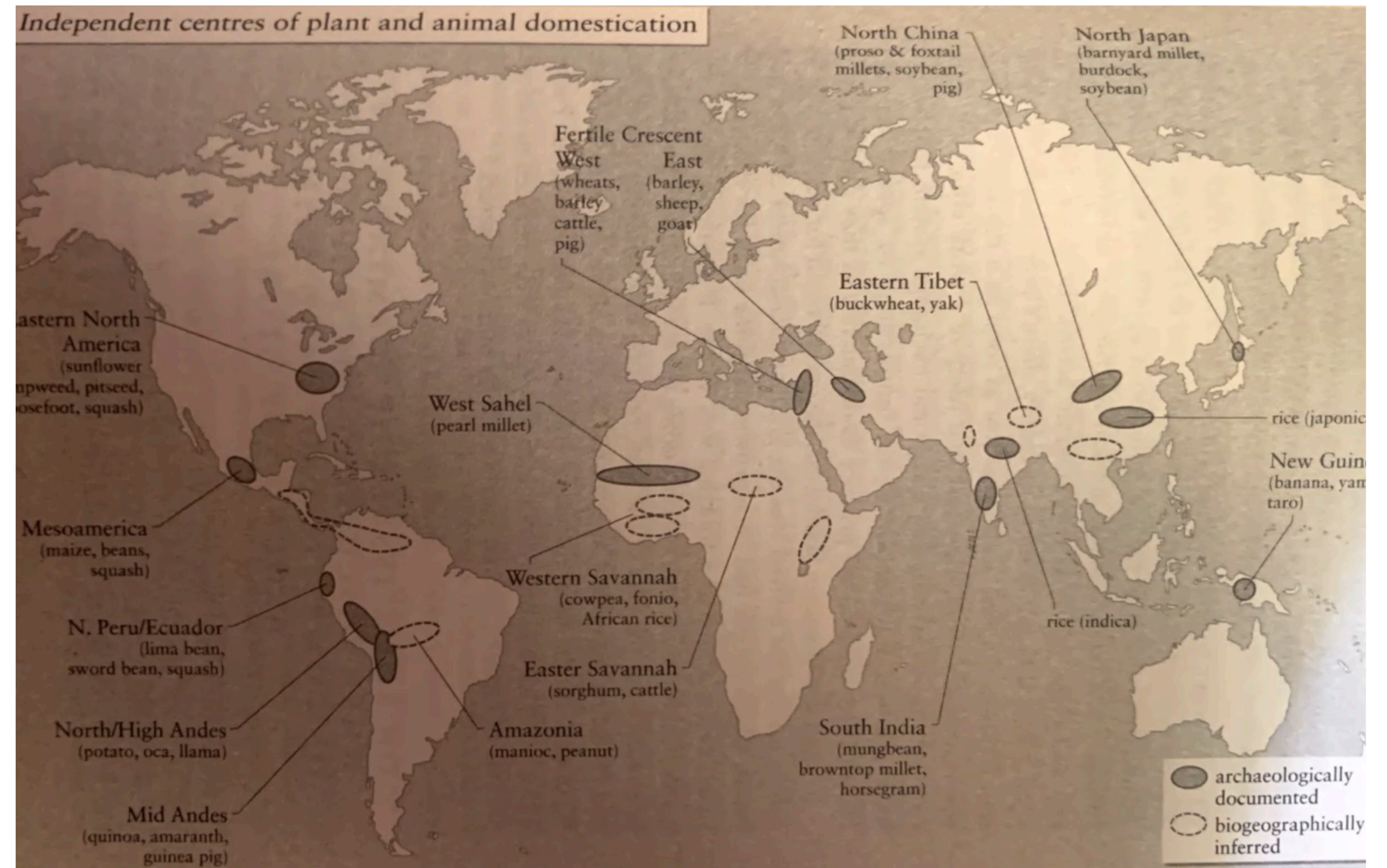


Region	Parent 1	Parent 2	You
Total: 9	50%	50%	100%
Cameroon, Congo & Western Bantu Peoples	<div><div></div></div> 17%	<div><div></div></div> 22%	<div><div></div></div> 39%
Nigeria	<div><div></div></div> 22%	<div><div></div></div> 14%	<div><div></div></div> 36%
Mali	<div><div></div></div> 0%	<div><div></div></div> 7%	<div><div></div></div> 7%
Senegal	<div><div></div></div> 2%	<div><div></div></div> 3%	<div><div></div></div> 5%
Ivory Coast & Ghana	<div><div></div></div> 2%	<div><div></div></div> 3%	<div><div></div></div> 5%
Benin & Togo	<div><div></div></div> 5%	<div><div></div></div> 0%	<div><div></div></div> 5%
Germanic Europe	<div><div></div></div> 1%	<div><div></div></div> 0%	<div><div></div></div> 1%
England & Northwestern Europe	<div><div></div></div> 1%	<div><div></div></div> 0%	<div><div></div></div> 1%
Wales	<div><div></div></div> 0%	<div><div></div></div> 1%	<div><div></div></div> 1%



# Human Migration and Mobility

- Agriculture
- Trade
- Armed Conflicts
- Constantine & Christianity
  - Papal Bulls 1450s
  - Colonization
- Western Hemisphere
  - Imperialism



Courtesy of Paul Magid, <https://doctrineofdiscovery.net/>



# Human Migration and Mobility

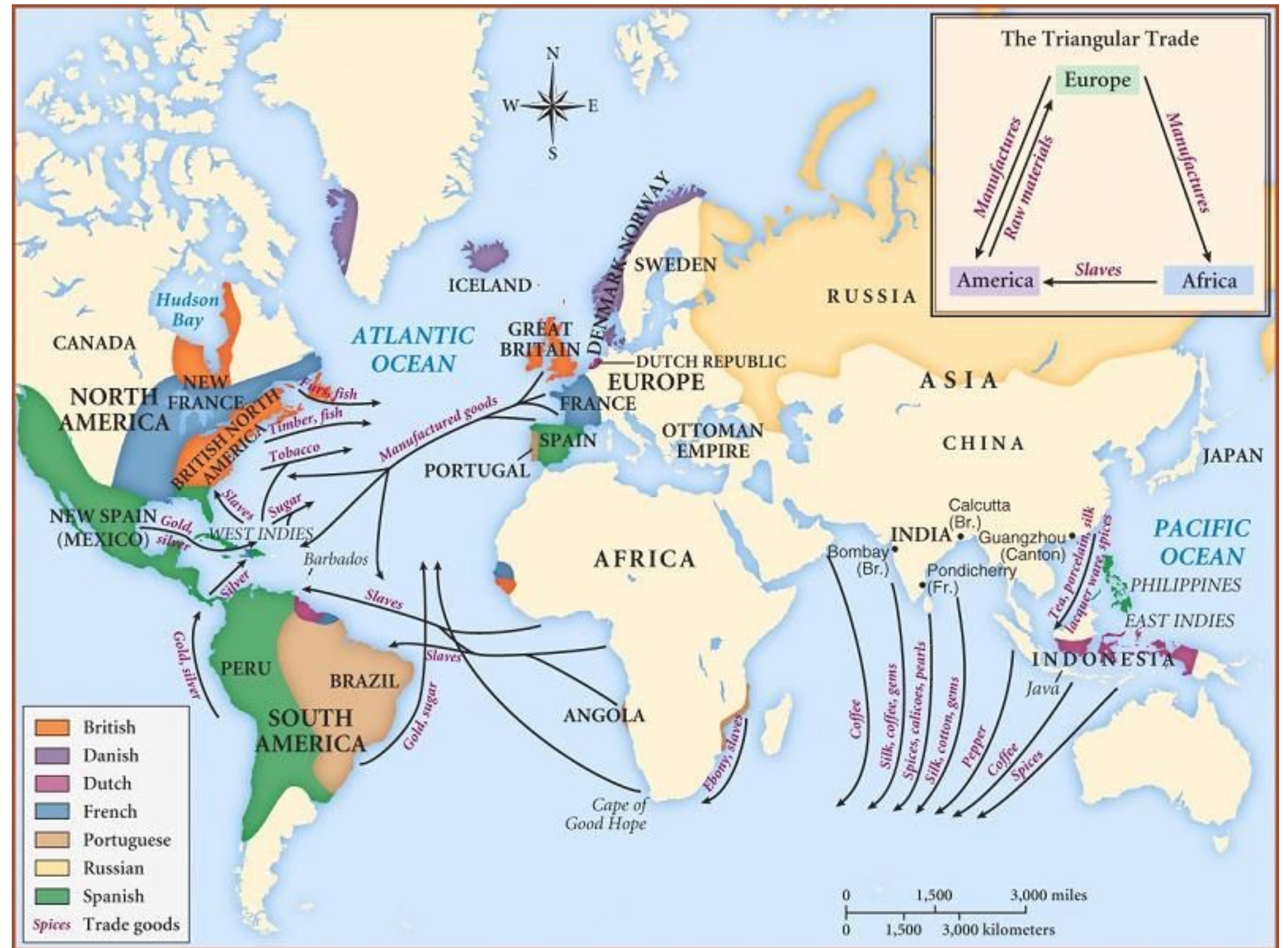
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Chocolate, Culture, and the Politics of Food, Carla D. Martin

<https://chocolateclass.wordpress.com/2019/03/15/the-legacy-of-oppression-in-chocolate-the-power-is-in-our-hands/>



# Colonization of Turtle Island

- Turtle Island refers to the continent of North America
- Pendle Hill: Lenapehoking (Lenni-Lenape)
- Mascogo, Miccosukee, Seminole, Timucua
- Start here
  - <https://native-land.ca/>
  - Land Acknowledgment: A First Step Towards Right Relationship with the Land and its Peoples - Part I
  - Land Acknowledgment: A First Step Towards Right Relationship with the Land and its Peoples – Part II
  - Other resources, [decolonizingquakers.org](https://decolonizingquakers.org)

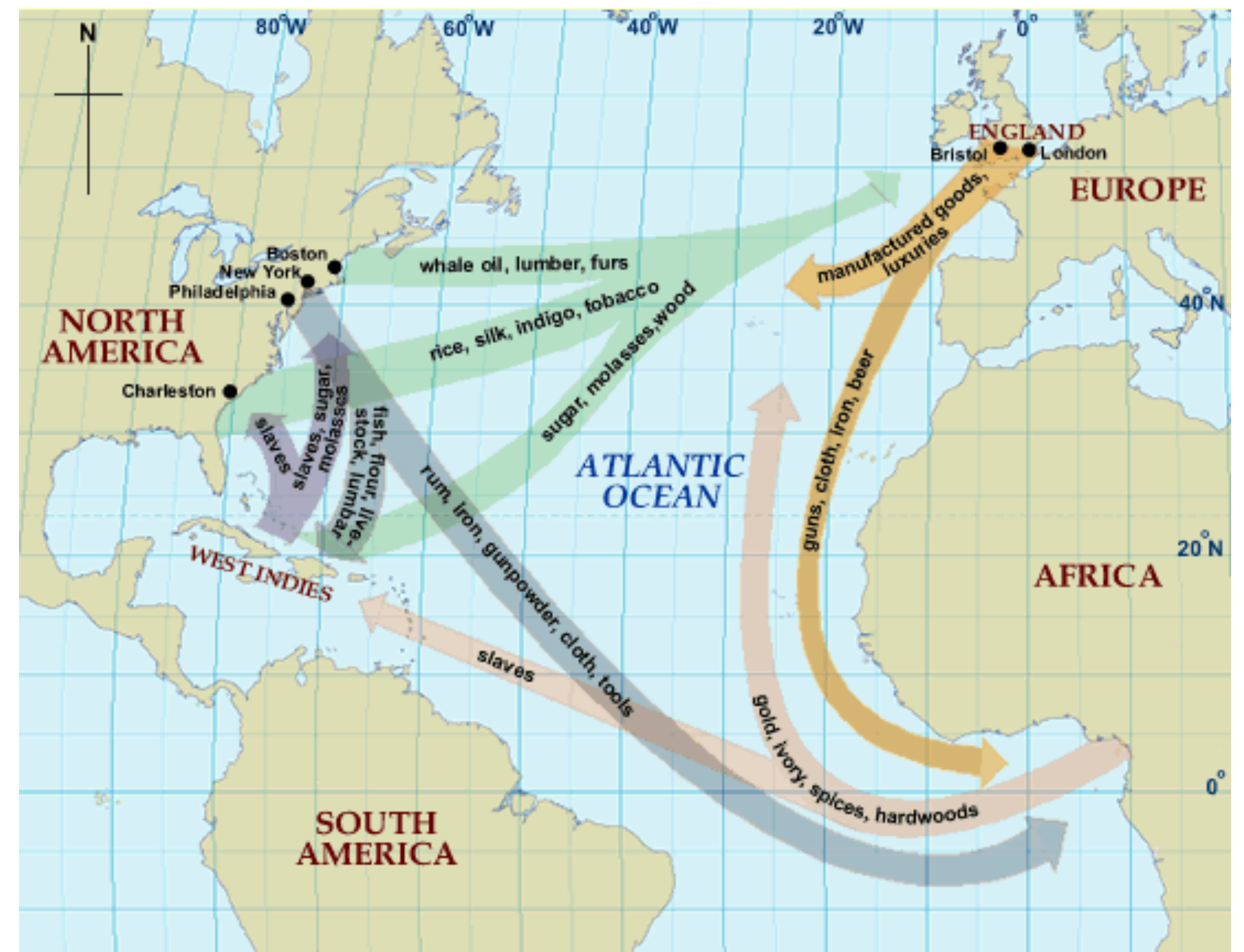


Map from Wikipedia [https://en.wikipedia.org/wiki/Classification\\_schemes\\_for\\_indigenous\\_languages\\_of\\_the\\_America](https://en.wikipedia.org/wiki/Classification_schemes_for_indigenous_languages_of_the_America)



# Climate Collapse: Environmental, Interspecies, and Intraspecies Impacts

- Intergovernmental Panel on Climate Change (IPCC):  
“Human-induced climate change is the result of more than a century of unsustainable energy and land use, lifestyles, and patterns of consumption and production.”
- Intensive, mechanized, mono-crop agriculture
  - Widespread use of petrochemical fertilizers
  - Pesticides
- Loss of habitat
- Air and water pollution
- Enslavement, genocide, poverty
- Endless wars, use of nuclear weapons
- Failure to address known adverse impacts



Source: [www.nationalarchives.gov.us](http://www.nationalarchives.gov.us)



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Ark of Return: UN memorial to victims of transatlantic slave trade



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Sunny Day Flooding Miami, 20170918



# The Emergency and Urgency of Climate Collapse

- Dr. Martin Luther King, Jr., “We are confronted with the fierce urgency of now. ... Over the bleached bones and jumbled residues of numerous civilizations are written the pathetic words: ‘Too late’.”
- IPCC, Sixth Month (June) 2022...”we are not on track to limit warming to 1.5°C. Average annual GHG emissions during the last two decades were the highest in human history.”
- Prime Minister Mia Mottley, Barbados
  - “So I ask to you: what must we say to our people living on the front line in the Caribbean, in Africa, in Latin America, in the Pacific, when both ambition and, regrettably, some of the needed faces at Glasgow [COP26] are not present? What excuse should we give for the failure? In the words of that Caribbean icon Eddy Grant: ‘Will they mourn us on the front line ?’”
  - COP 27: “I ask the people of the world and not just the leaders to hold us accountable and to ask us to act in your name to save this earth and to save the people of this earth. The choice is ours. What will you do? What will you choose to save?”



Isle de Charles Jean





# Loss and Grief

“The most important thing, in response to climate change, is to be willing to hear the sound of the earth’s tears through our own bodies.”

~ Attributed Thich Nhat Hanh

Grieving is a necessary and arduous task. It should not be a state but a process; but the griever needs courage and support from others to go right through it and not get ‘stuck’ at some point.

~ Diana Lampen, *Quaker faith & practice*, 1979

“We must work on our souls, enlarging and expanding them. We do so by experiencing all of life — the beauty and the joy as well as the grief and pain. Soul work requires paying attention to life, to the laughter and the sorrow, the enlightening and the frightening, the inspiring and the silly.”

~ Matthew Fox

“What we need to address is the legacies that are lost — not individual families, but a way of being, a way of treating the land. It’s not just about bringing forth those histories and those injustices, but asking: ‘What did you change because of them?’”

~ Doreen Martinez, professor of Indigenous studies



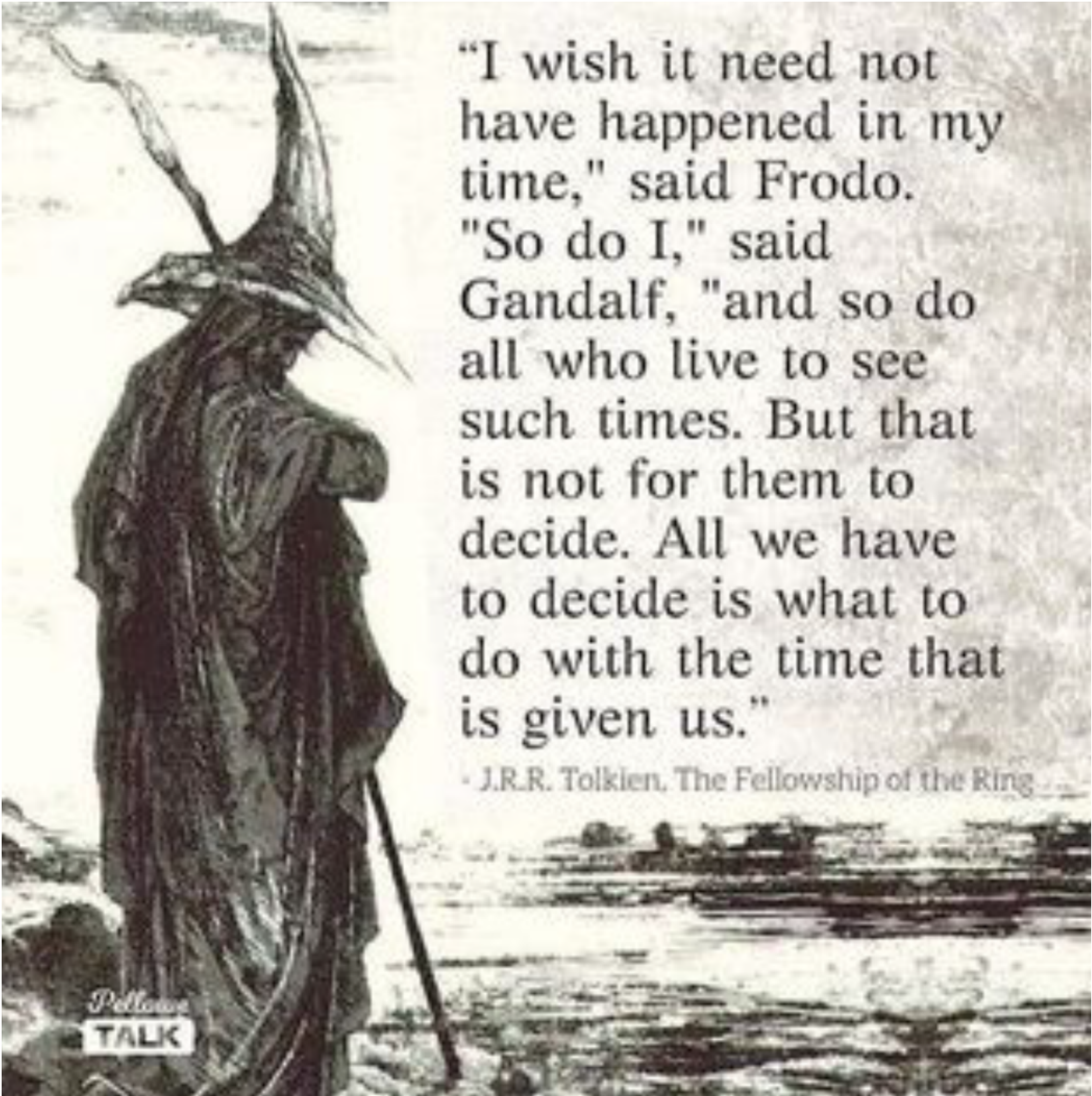
# Love Goes On

- G. Scott Brown, “You know that healing the divisions within yourself is your greatest contribution to peace and justice in the world.”
- If you remove the yoke from among you, the pointing of the finger, the speaking of evil, if you offer your food to the hungry and satisfy the needs of the afflicted, ... the repairer of the breach, the restorer of streets to live in. Isaiah 58:9-12
- Rabbi Arthur Waskow, “We will draw on the wisdom and practices of the Biblical and Quranic stories of the Exodus to heal Earth and Humanity from the Plagues brought on by the stubbornness, arrogance, and cruelty of modern Corporate Carbon Pharaohs.”
- Epistle from “A Quaker Response to Climate Collapse” participants, “We recognise that many people are already facing challenges and disrupted lives. Perhaps the time has come for more people to speak about this, and for Quakers to help them.”
- Thich Nhat Hanh, “Reverence is the nature of our love.”



Peace Offering, Caroline Stow



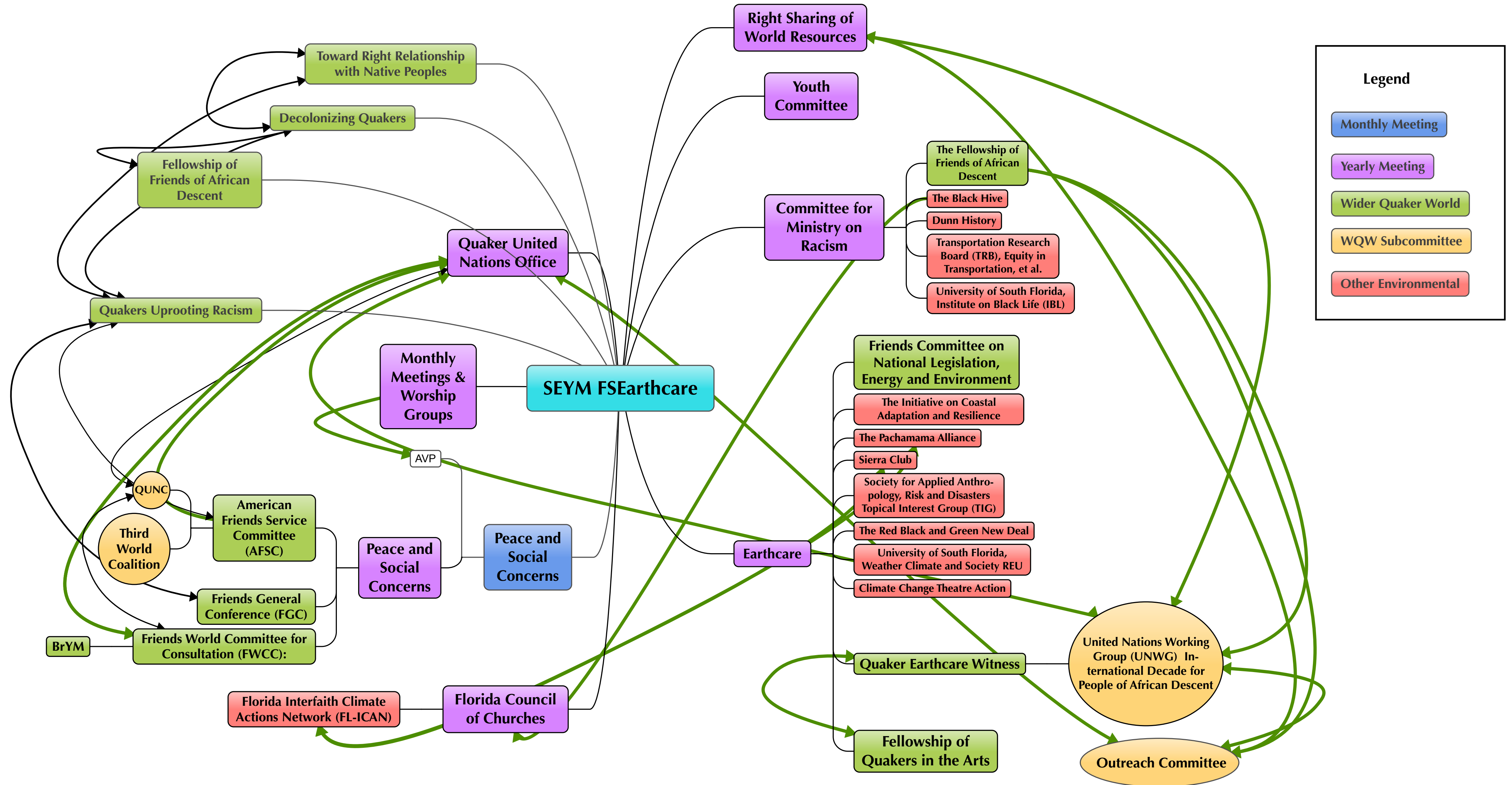


"I wish it need not  
have happened in my  
time," said Frodo.  
"So do I," said  
Gandalf, "and so do  
all who live to see  
such times. But that  
is not for them to  
decide. All we have  
to decide is what to  
do with the time that  
is given us."

· J.R.R. Tolkien, *The Fellowship of the Ring*



# Beverly's Mindmap/Network



The network has been recognized as the basic pattern of organization of all living systems. Biological systems are networks of chemical reactions; social systems are networks of communications.

– Fritjof Capra





# all of us were born in the crisis

by David Finnigan

Global Green New Deal  
Climate Change Theatre Action

Sunny Day Flooding, Miami, Ninth Month 2017



Contact: [fsearthcare@seymquakers.org](mailto:fsearthcare@seymquakers.org)