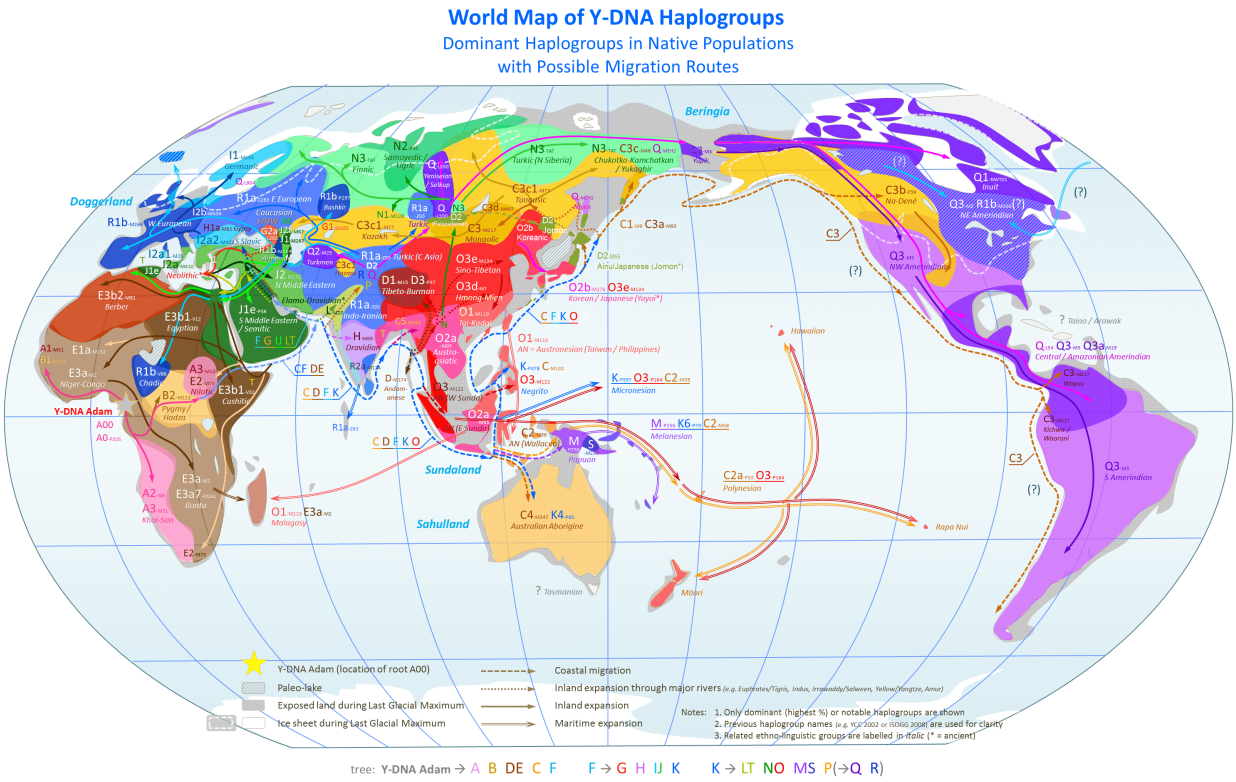
Lab 15: ocean: my family, my haplogroup, my migration

Look at this diagram of Native migrations: (click on map to zoom in)



World_Map_of_Y-DNA_Haplogroups.png

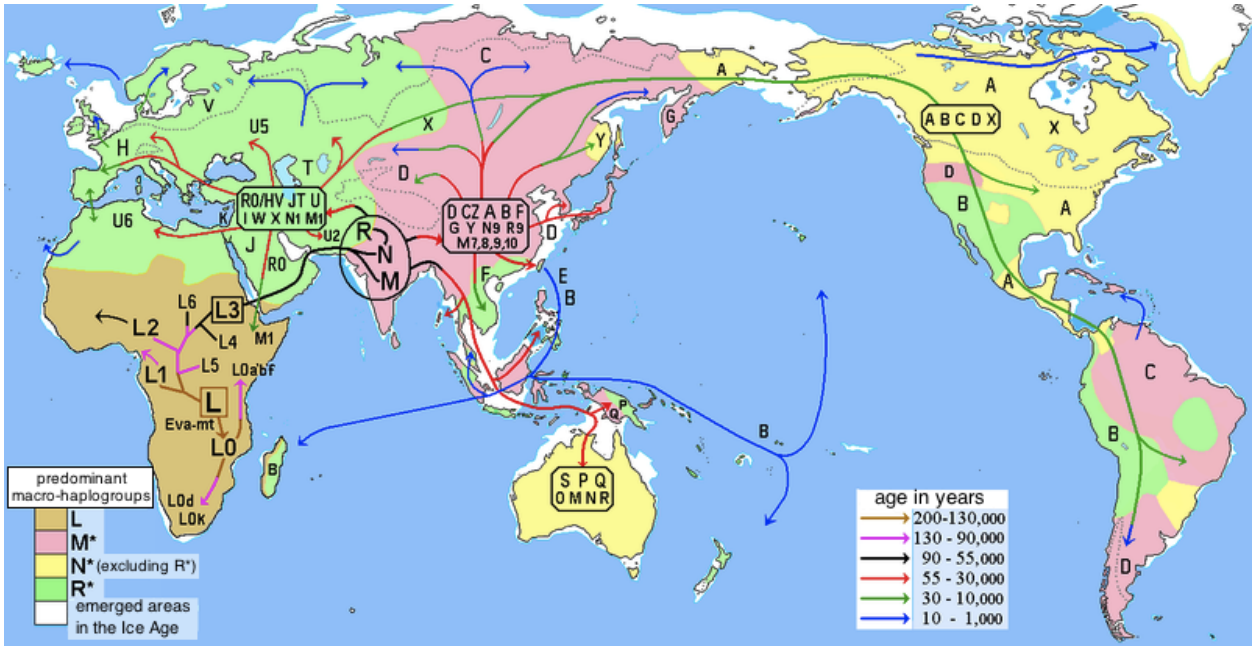
Note how the Hawaiians migrated around the Pacific.
Now look up your haplogroups and trace how your people migrated to where you live now.

https://www.wikiwand.com/en/articles/Haplogroup

https://en.wikipedia.org/wiki/Human_mitochondrial_DNA_haplogroup

Check this out: make sure you look at the age in years for each migration:
Blue line is 10,000 years ago until 1,000 years ago when the Polynesians migrated here to Hawaii and Northern Europe was settled (Iceland, Scandinavia, Siberia, Greenland)
Green line is 10,000 years ago to 30,000 years ago when North and South America were populated

Red line is 30,000 to 55,000 years ago, when Asia and Australia were settled, and a migration to Europe occurred from the Middle East and India
Black line is 55,000 to 90,000 years ago, when the first migration out of Africa occurred
Magenta line is the first migration to South Africa and the Sahel 90,000-130,000 years ago
Brown line is 130,000 to 200,000 years ago, the first migration out of Olduvai Gorge in Africa



Human_migrations_and_mitochondrial_haplogroups.PNG

Migration questions:

1. What is the path of your ancestors?
2. Look up your last name in some genealogy sites-ask your parents what they know about your family history
3. What motivates people to migrate now, and what was the driving force centuries ago?
4. What is inherent in humans to leave home and explore?

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