



Chapter 14-B

Europe & World New Encounters



Wayne E. Sirmon

HI 101 – Western Civilization

HI-101 Western Civilization I

Dec. 3 On-line Quiz (Ch. 14)
Review 4 (if needed)

Dec. 11 FINAL EXAM (Ch. 13 & 14)

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Advances in Technology

Firearms Manufacture

Not a factor at first,

- Cannon impressed natives
- but give it 100 years



Shipbuilding

- Galleys out, Caravel in



Navigation

- Compass, Astrolabe
- (a clock would have been nice)

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Shipbuilding

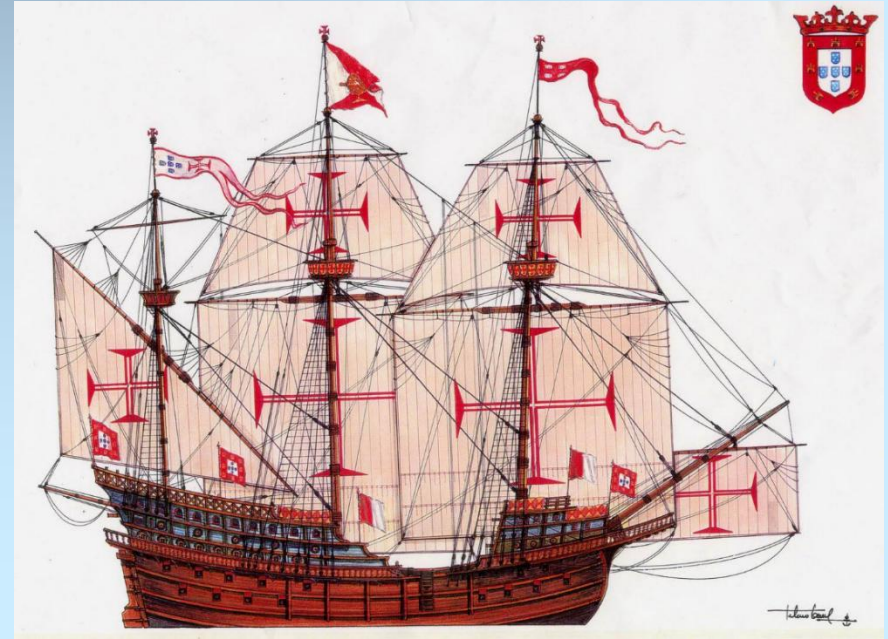
CARAVEL – latten and square rigged sails



GALLEY - oars



CARRACK – larger, more cargo and sails



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Shipbuilding

Niña – caravel – 50 ft long, 7 ft draft, 16 ft beam
crew of 24

Pinta – caravel – 56 ft long, 8 ft draft, 18 ft beam
crew of 26

Santa María – carrack - 62 ft long, 10 ft draft
18 ft beam, crew of 40



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Niña

caravel – 50 ft long, 7 ft draft, 16 ft beam
crew of 24



Hunter 50 AC

49.92 ft long, 7.00 ft draft, 14.75 ft. beam

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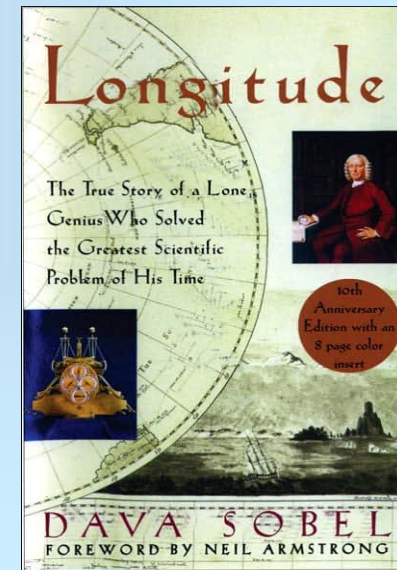
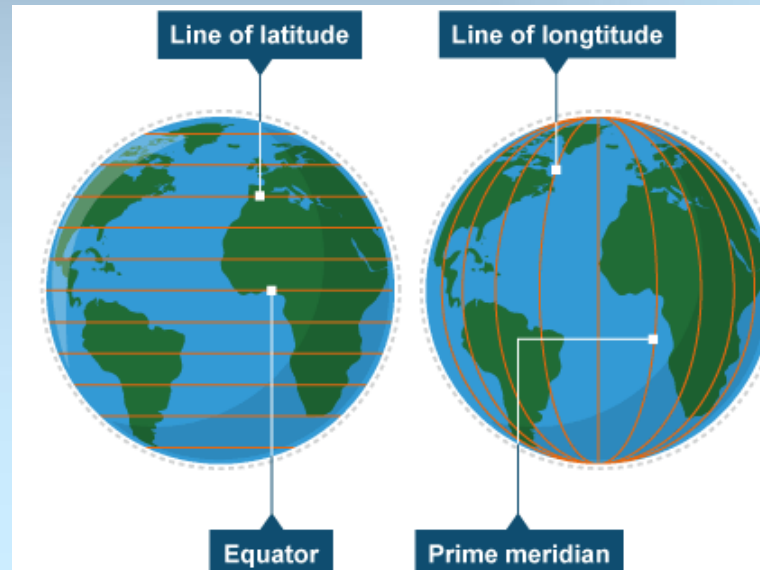
Navigation

Compass – direction

Astrolabe – position - latitude only

Dead Reckoning – guess speed & distance

Marine Chronometer – not until 1761



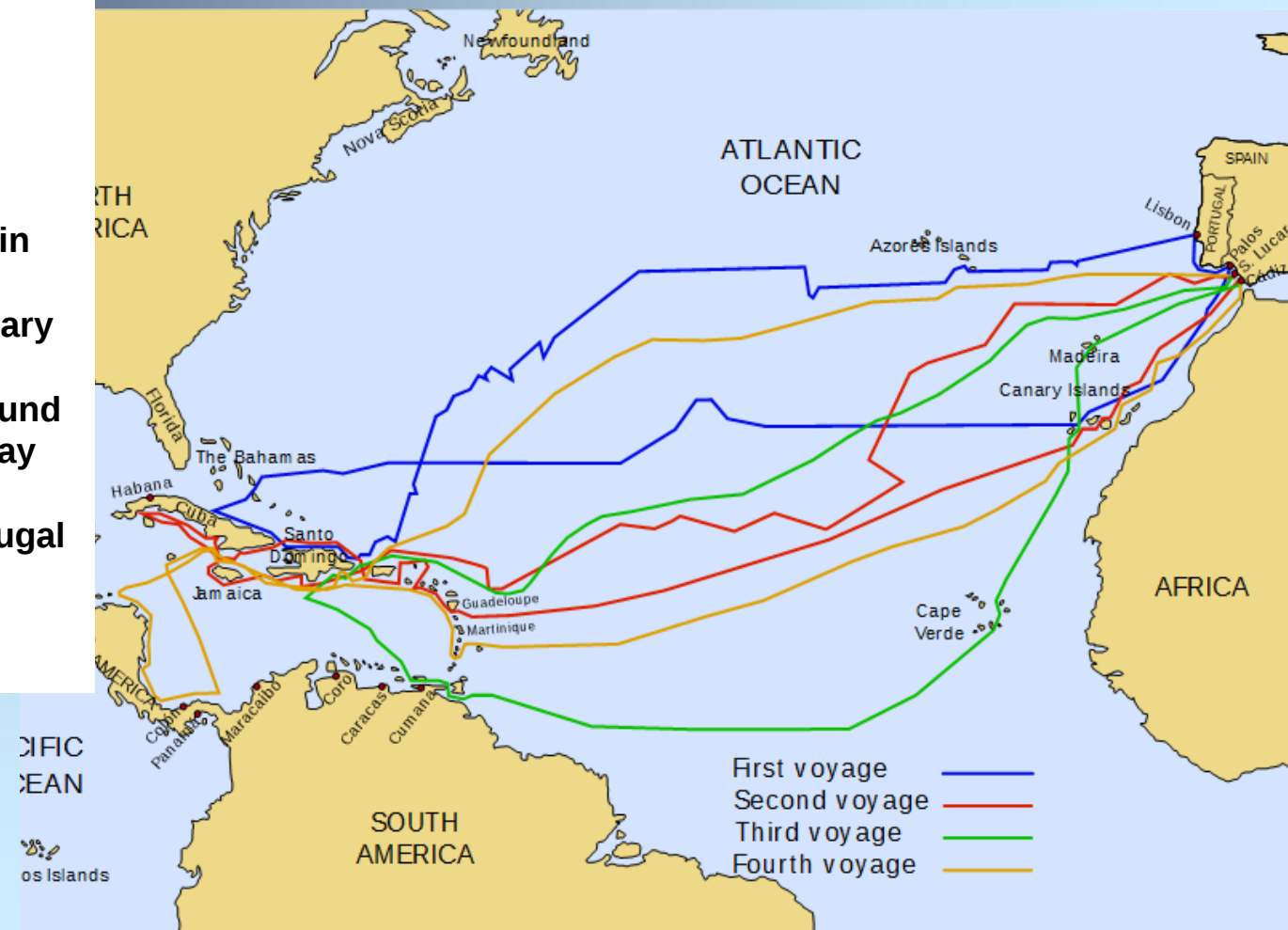
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Christopher Columbus

3 ships
90 men

Aug 3, 1492	depart Spain
Aug 9, 1492	Canary
Sep 6, 1492	depart Canary
Oct 12, 1492	Land
Dec 25, 1492	St. M. aground —40 men stay
Jan 15, 1493	depart
Mar 5, 1493	arrive Portugal

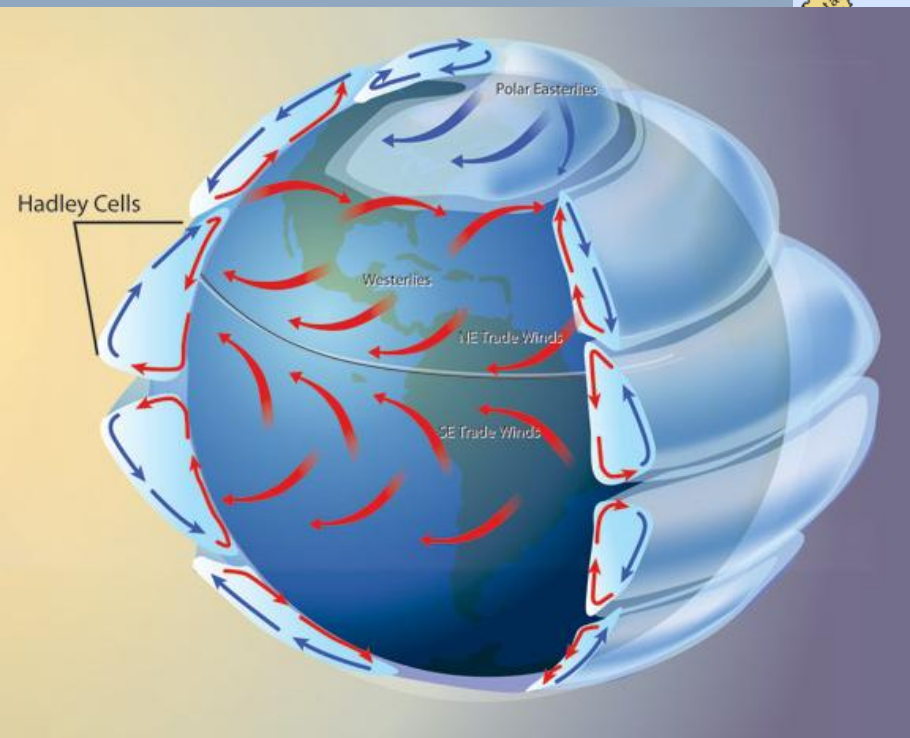
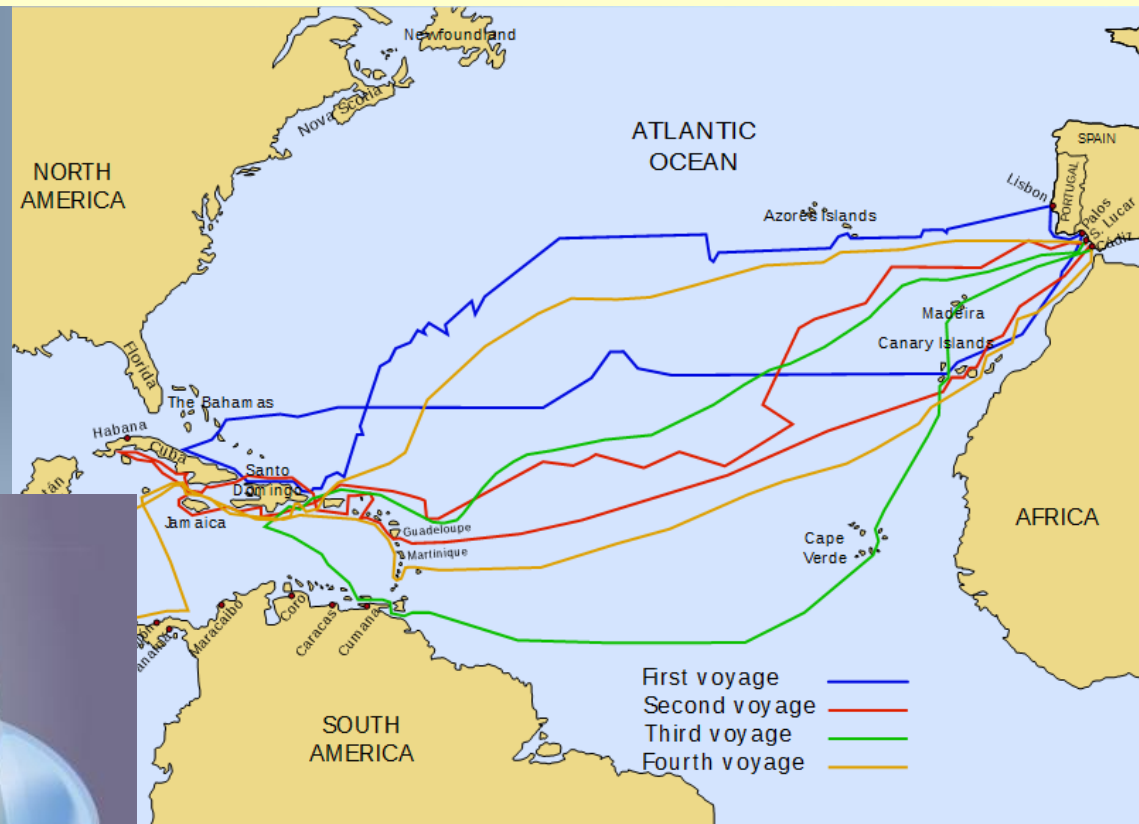
34 days – no land



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**Christopher
Columbus**

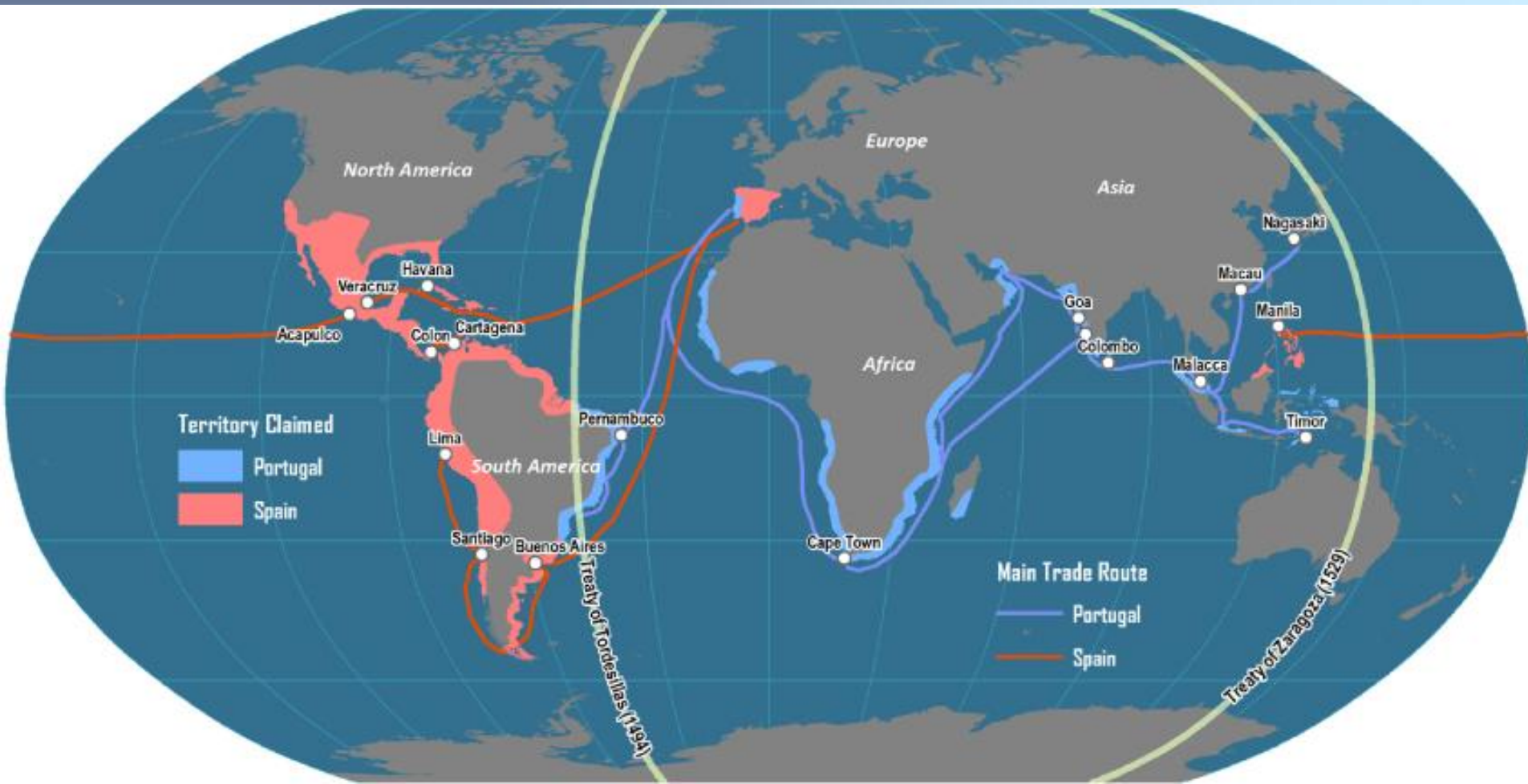
Go where the wind blows



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1494 Treaty of Tordesillas - 370 leagues/1,184 n.mi west of Cape Verde Islands

1529 Treaty of Zaragoza – antimeridian



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First the Portuguese
Trading Posts

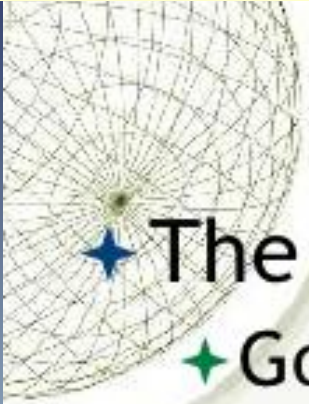
Then the Spanish
Conquistadors

Different attitudes towards intermarriage and establishment of settlements



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Motives



★ The 3 G's

★ God

- ★ religious fervor
- ★ convert natives

★ Gold

- ★ expand trade - esp. spices & precious metals
- ★ profit

★ Glory

- ★ adventure
- ★ power
- ★ national pride

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Mostly Silver

1503 – 1650

(17,500 tons Ag vs 200 tons Au)
(98% by weight, 85% by value)



Spanish Treasure Ships and the Manila Galleons

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The Columbian Exchange



NORTH AMERICA

EUROPE

AFRICA

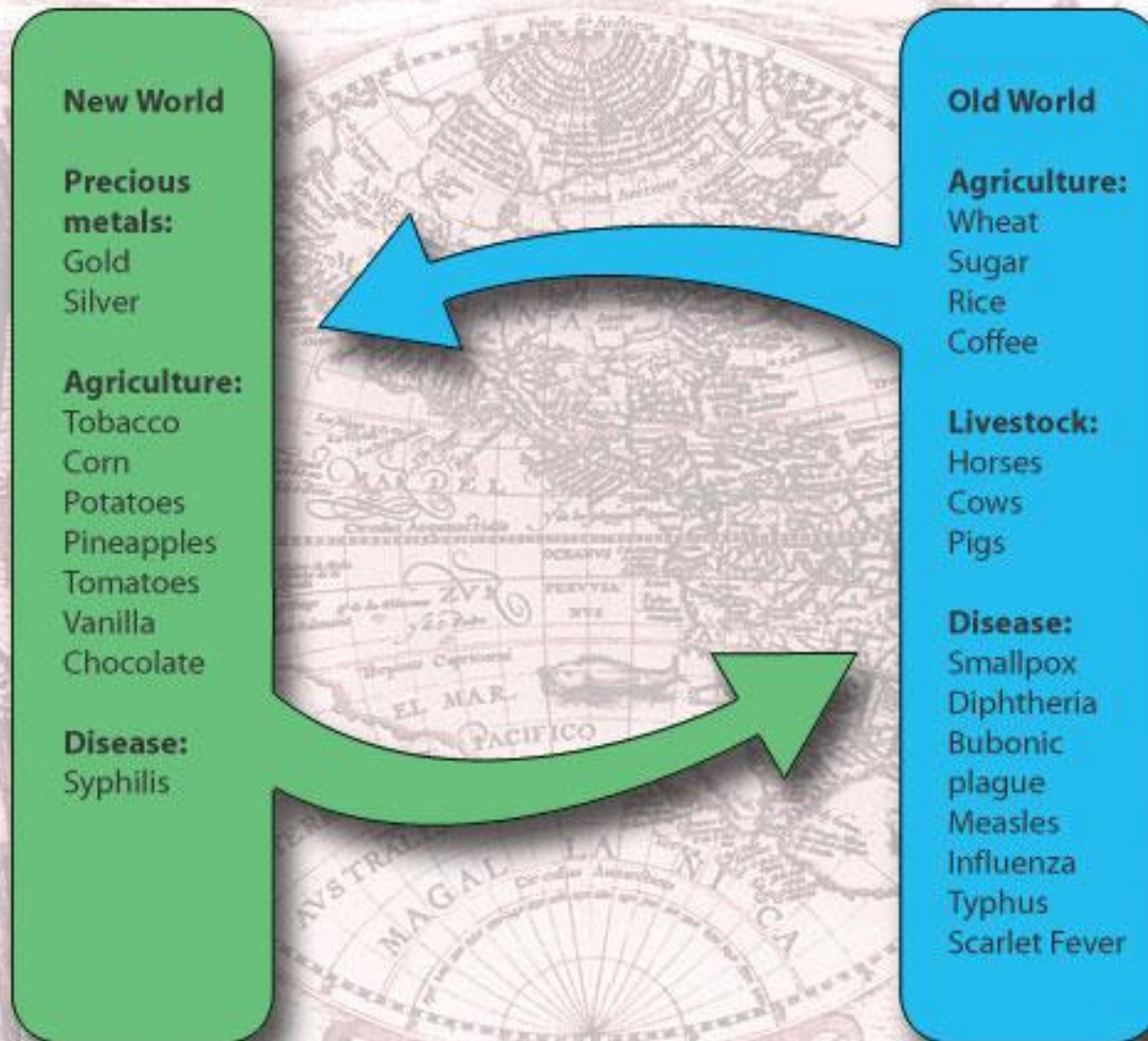
SOUTH AMERICA

ATLANTIC OCEAN



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Columbian Exchange part 2



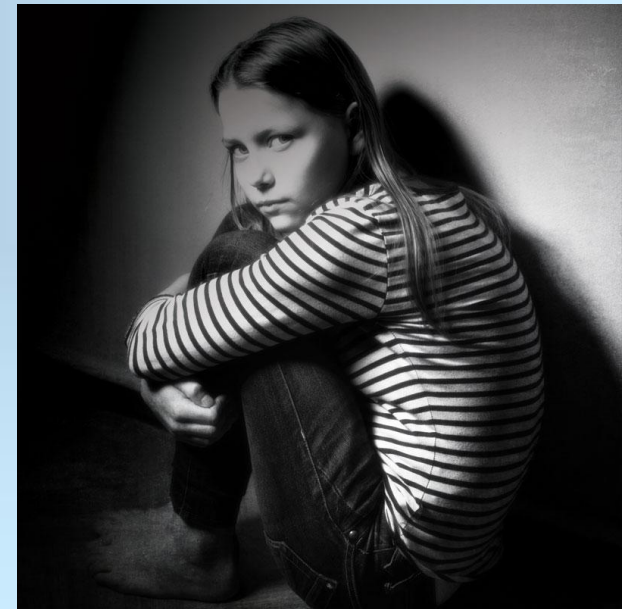
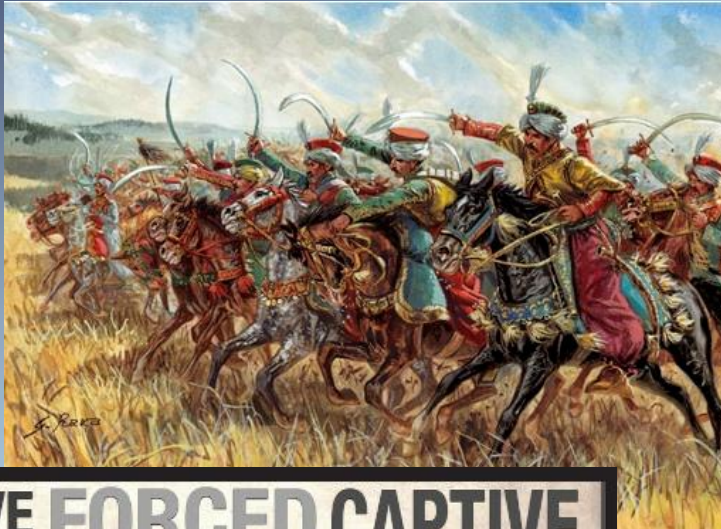
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Define “Slavery”

West Africa & Atlantic Slave Trade– 1450-1800

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Define “Slavery”



EXPLOITATIVE
ADOPTIONS
CHILD
LABOR
INDENTURED
SERVITUDE
FORCED
MARRIAGE
DOMESTIC
SERVANTS
PROSTITUTION
DEBT
BONDAGE
CAPTIVE
FORCED
LABOR

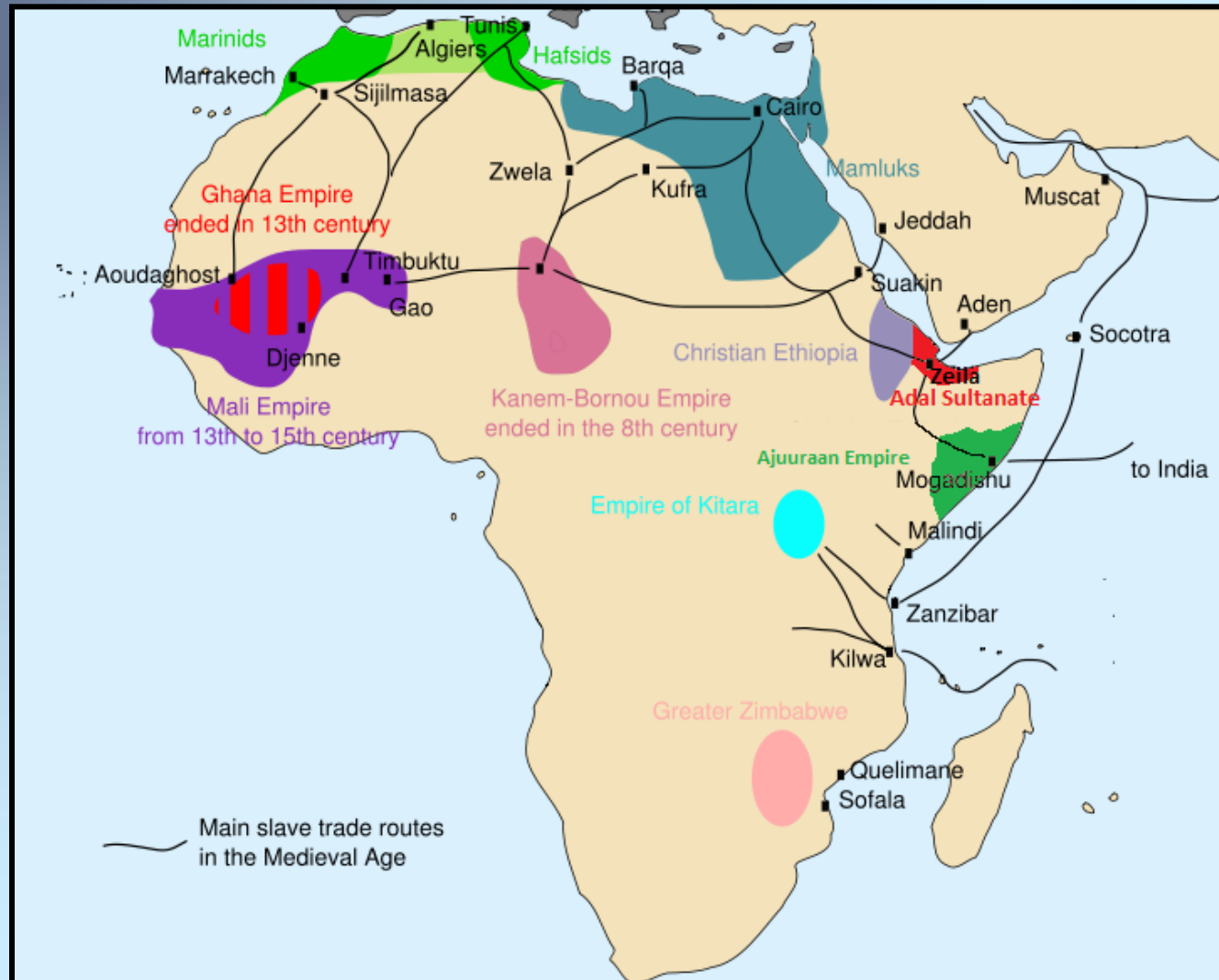
West Africa & Atlantic Slave Trade– 1450-1800

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West Africa before 1492

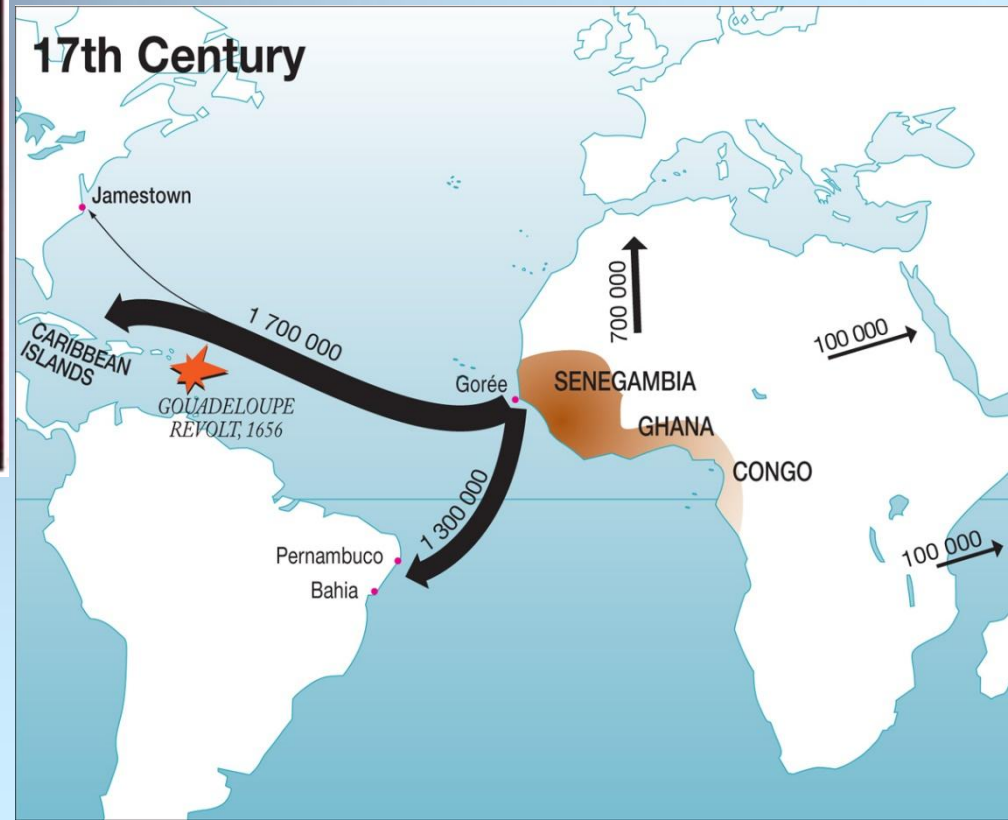
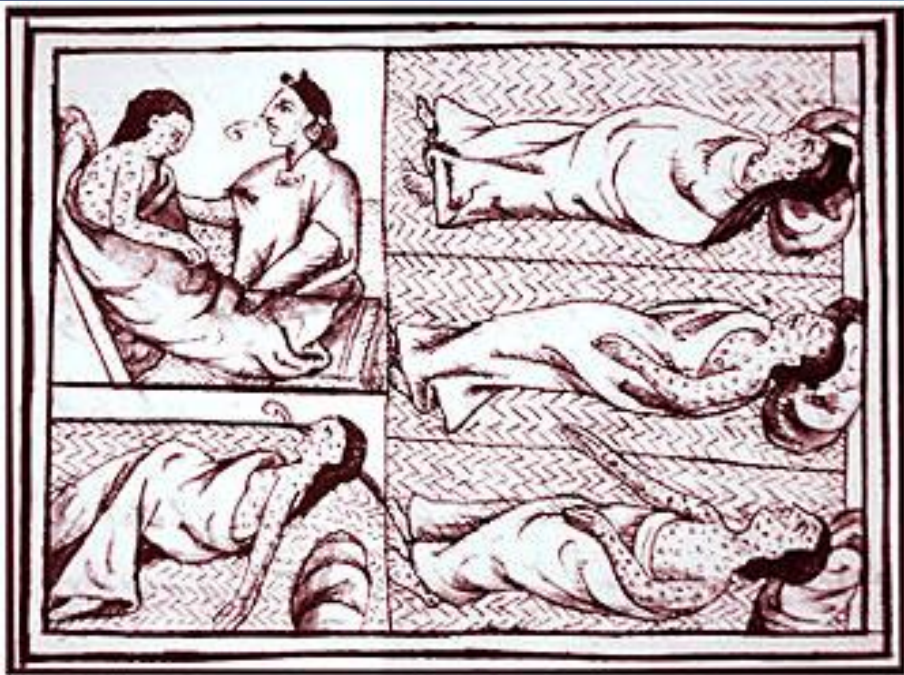
Trans-Saharan
9th century AD
From “few
thousand”
to 50,000 each
year

~ 6.2 million



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Portuguese: disease & African slaves



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Triangular Trade



British ...goods
New England ... fish
Jamaica ...sugar

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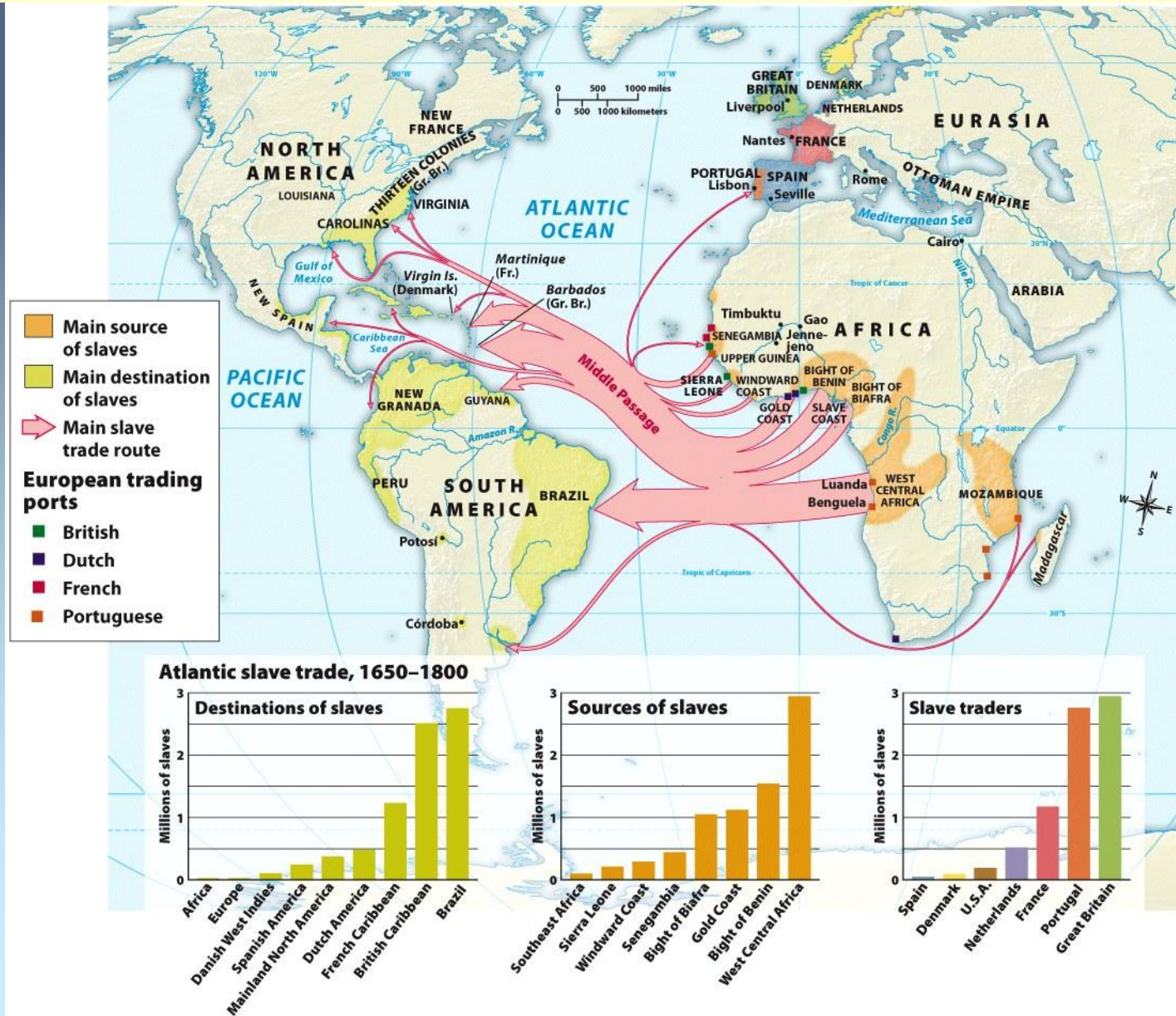
Triangular Trade

New England ... rum
Africa ... slaves
W. Indies ... molasses



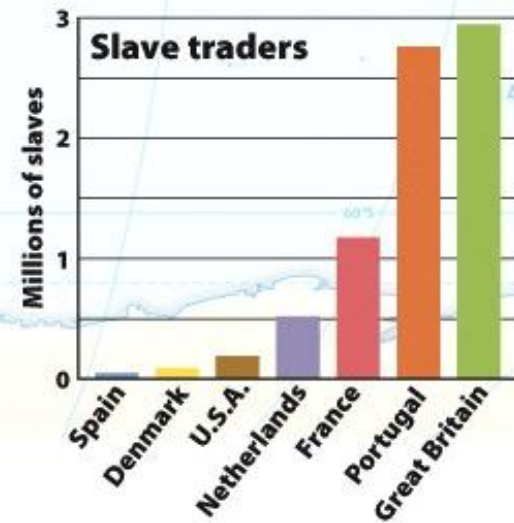
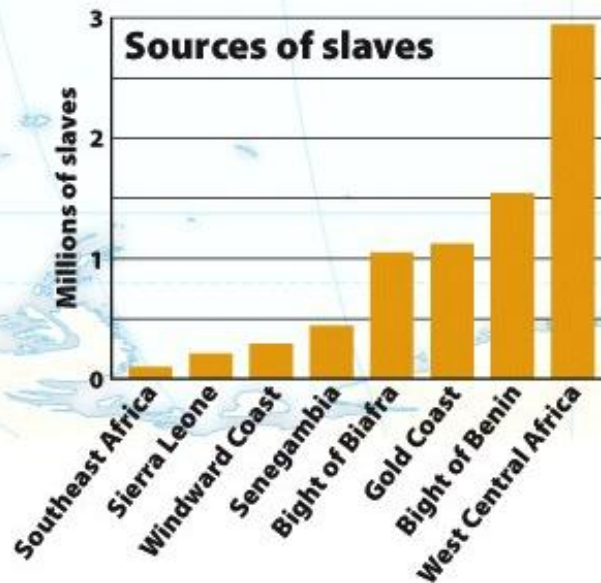
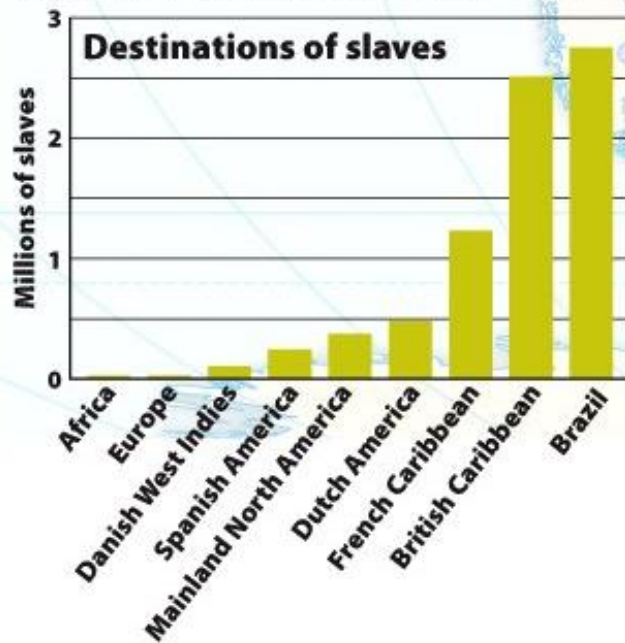
British ... goods
New England ... fish
Jamaica ... sugar

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Atlantic slave trade, 1650–1800



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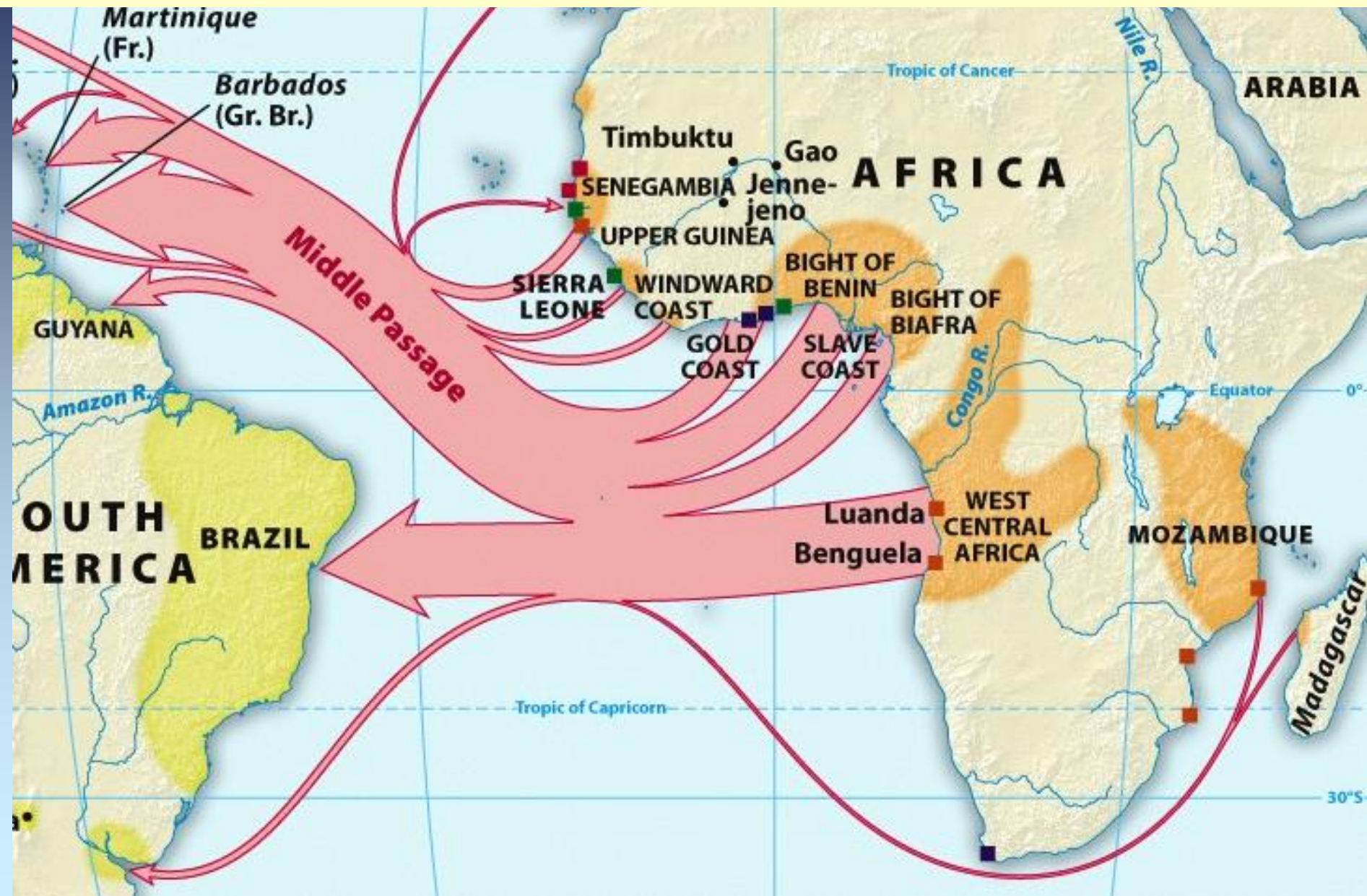
Slavery: the Foundation of the Empire

British N.Amer.	275,000
USA	124,000
British Caribbean	1,665,000
French Caribbean	1,600,000
Dutch Caribbean	500,000
(total Caribbean)	(3,765,000)
Spanish Amer.	1,552,000
Brazil	3,646,000

Most of Africa maintained or increased in population due to improved diet – American food (maize) and greater demand for male slaves



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John Newton

1748 – violent storm and a cry for mercy

1755 – ended slave trade

1764 – ordained

1773 – hymn or chant

1779 – *Olney Hymns*
1 Chronicles 17-16-17

1835 – set to tune “New Britain”

1847 – published in *Southern harmony*

Next Up... Chapter 14-C

Europe and the World: New Encounters 1500-1800

