



# The Future of Tropical Rain Forests

## IDS 2935

Introductions

# Part 1 (10 min)

Please **Log into Canvas** and  
complete **Assignment 1**  
*(It's a quick survey)*

Emperor tamarin  
*Saguinus imperator*





# The Future of Tropical Rain Forests

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Introductions

## Part 2 (10 min)

After introducing yourselves (name, major, & year are a good start) try to answer these questions *without your phones or computers*:



1. What is the main ingredient in chocolate?
2. What countries are the primary producers of this ingredient?



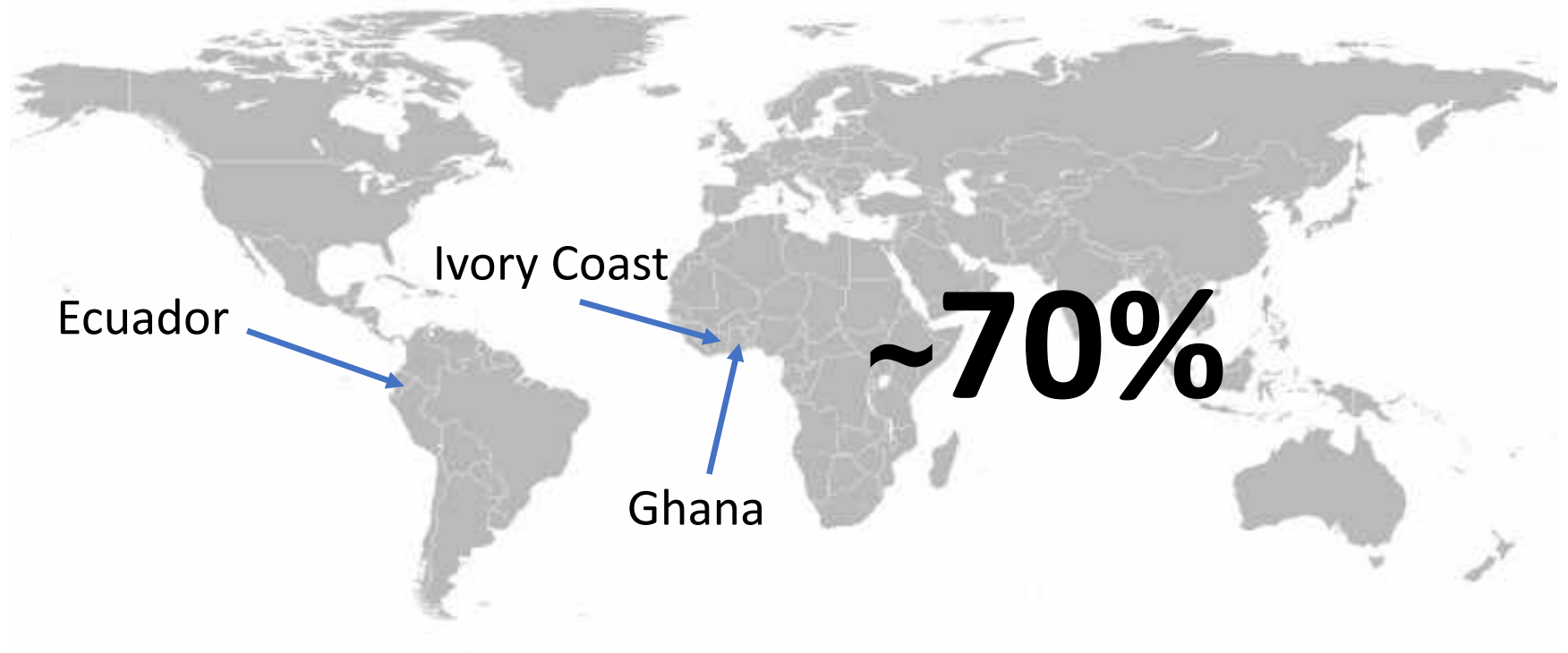
1. What is the main ingredient in chocolate?

Cacao

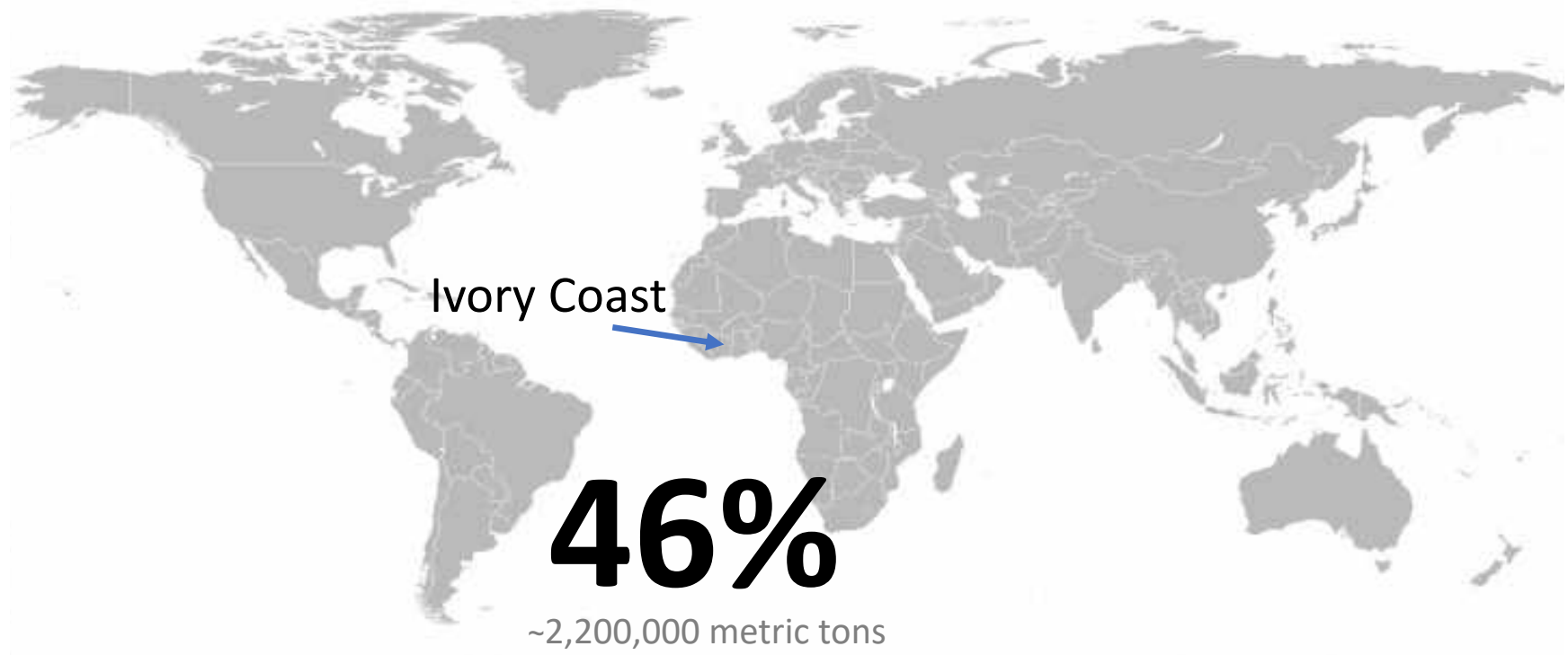
*Theobroma cacao*



2. What countries are the primary producers of this ingredient?



2. What countries are the primary producers of this ingredient?



**Côte d'Ivoire:** #1 Export  
(40% of export income, 4.95 B)

**Ghana:** #3 Export  
(16% of export income, 2.71B)

~90% of the world's  
cacao is grown on  
small family farms.







Trees felled for a cocoa plantation inside the Sapo Forest Reserve in western Ivory Coast. MIGHTY EARTH

## The Real Price of a Chocolate Bar: West Africa's Rainforests

Rain Forest Cleared  
2002-2019: Ivory Coast:  
25%, Ghana: 8%

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Climate Change will  
greatly reduce area for  
Cacao farming

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USA chocolate sales in  
2021: \$21.1 Billion

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Global demand for  
chocolate estimated  
to DOUBLE by 2050.





Yangambi Engagement Landscape, DRC.  
Photo by Axel Fassio/CIFOR



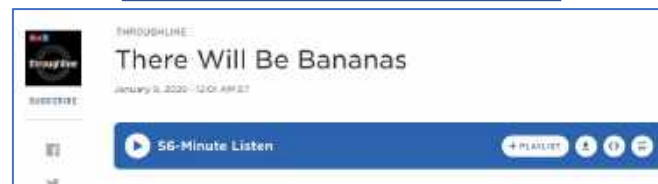
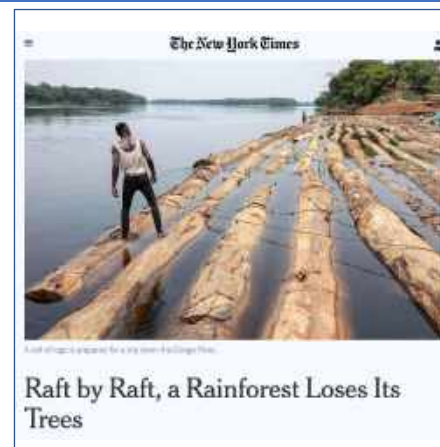
### Graded Coursework

Assignment	Requirements	Points
In-Class Activities	20 x 20 pts each	400
Movie Reviews	Reviews + data sheets	100
Analytic Essay	Essay (1000 wds) + graphs	150
Reflective Essay	Essay (500-700 wds) + Materials	150
Final Project	Materials + Description	200
		<b>TOTAL = 1000</b>



## Semester Overview and Key Dates

WEEK	DATE	TOPIC	ASSIGNMENT DISTRIBUTED or DUE
<b>WHY ARE WE FASCINATED BY TROPICAL RAIN FORESTS?</b>			
Week 1	1	23-Aug	Class Starts Thursday!
	2	25-Aug	Introductions & Historical Narratives
Week 2	1	30-Aug	Rain forest imagery in Art & Lit
	2	1-Sep	The Rain Forest in Pop Culture
<b>THE ECOLOGY &amp; EVOLUTION OF TROPICAL RAIN FORESTS</b>			
Week 3	1	6-Sep	What is a Rain Forest?
	2	8-Sep	What is a Rain Forest? (cont.)
Week 4	1	13-Sep	Patterns of Biodiversity
	2	15-Sep	The origins of tropical biodiversity - FLMNH Trip
Week 5	1	20-Sep	Forest disturbance & the maintenance of diversity
	2	22-Sep	Forest disturbance & the maintenance of diversity
Week 6	1	27-Sep	The Paradox of Luxuriance
	2	29-Sep	Humans are part of rainforests
Week 7	1	4-Oct	Narratives Revisited: Biology, History, Fiction, Reality
	2	6-Oct	JUNGLE FILM FESTIVAL 2022
<b>THE DRIVERS AND IMPACTS OF DEFORESTATION</b>			
Week 8	1	11-Oct	Forest cover and forest loss I
	2	13-Oct	Forest cover and forest loss II
Week 9	1	16-Oct	Drivers of Deforestation I: Timber, Mining, Infrastructure
	2	20-Oct	Drivers of Deforestation II: Agriculture
Week 10	1	25-Oct	Climate change
	2	27-Oct	Climate change (cont.)
<b>THE FUTURE OF TROPICAL RAIN FORESTS</b>			
Week 11	1	1-Nov	Consumer choices
	2	3-Nov	BURIAN FEST 2022
Week 12	1	8-Nov	International frameworks
	2	10-Nov	Local Initiatives, Empowered Communities
Week 13	1	15-Nov	Protected areas
	2	17-Nov	Forest restoration & regeneration
Week 14	1	22-Nov	Project Week Day
	2	24-Nov	No class - holiday
Week 15	1	29-Nov	Tropical Rain Forests & Global Health
	2	1-Dec	Rain Forest Headlines
Week 16	1	6-Dec	What will we do?
	2	8-Dec	No Class - Reading Days
Finals Week	14-Dec	Extra Credit / Revised Project due by 2:30 pm	



# Section 1

WEEK		DATE	TOPIC	ASSIGNMENT DISTRIBUTED or DUE
<b>WHY ARE WE FASCINATED BY TROPICAL RAIN FORESTS?</b>				
Week 1	1	23-Aug	Class Starts Thursday!	
	2	25-Aug	Introductions & Historical Narratives	
Week 2	1	30-Aug	Rain forest imagery in Art & Lit	
	2	1-Sep	The Rain Forest in Pop Culture	<b>Movie Reviews Assigned</b>



# Section 2

## THE ECOLOGY & EVOLUTION OF TROPICAL RAIN FORESTS

Week 3	1	6-Sep	What is a Rain Forest?
	2	8-Sep	What is a Rain Forest? (cont.)
Week 4	1	13-Sep	Patterns of Biodiversity
	2	15-Sep	The origins of tropical biodiversity - FLMNH Trip
Week 5	1	20-Sep	Forest disturbance & the maintenance of diversity
	2	22-Sep	Forest disturbance & the maintenance of diversity
Week 6	1	27-Sep	The Paradox of Luxuriance
	2	29-Sep	Humans are part of rain forests
Week 7	1	4-Oct	Narratives Revisited: Biology, History, Fiction, Reality
	2	6-Oct	JUNGLE FILM FESTIVAL 2022



# Section 3

## THE DRIVERS AND IMPACTS OF DEFORESTATION

Week 8	1	11-Oct	Forest cover and forest loss I
	2	13-Oct	Forest cover and forest loss II

**Analytic Essay Assigned**

Week 9	1	18-Oct	Drivers of Deforestation I: Timber, Mining, Infrastructure
	2	20-Oct	Drivers of Deforestation II: Agriculture

Week 10	1	25-Oct	Climate change
	2	27-Oct	Climate change (cont.)

**Analytic Essay Due**

# Section 4

## THE FUTURE OF TROPICAL RAIN FORESTS

Week 11	1	1-Nov	Consumer choices
	2	3-Nov	DURIAN FEST 2022
Week 12	1	8-Nov	International frameworks
	2	10-Nov	Local Initiatives, Empowered Communities
Week 13	1	15-Nov	Protected areas
	2	17-Nov	Forest restoration & regeneration
Week 14	1	22-Nov	Project Work Day
	2	24-Nov	No class - holiday
Week 15	1	29-Nov	Tropical Rain Forests & Global Health
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**DURIAN-FEST  
2021**

PRESENTED BY  
IDS 2935 - THE FUTURE OF RAIN FORESTS

**4 NOVEMBER 2021**  
10:40 AM - 12:35 PM  
WHITE HOUSE LAWN  
711 NEWELL DR, UF CAMPUS

DURIAN - PASSION FRUIT - COFFEE - MORE

[www.BrunoLab.org](http://www.BrunoLab.org)

**10 min. break**







# The Future of Tropical Rain Forests

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Historical Narratives



*Cinnamomum verum*  
(Sri Lanka)



*Zingiber officinale*  
(Southeast Asia)



*Myristica fragrans*  
(Indonesia)



*Piper nigrum* (India)



Cinnamon



*Ginger*



Nutmeg



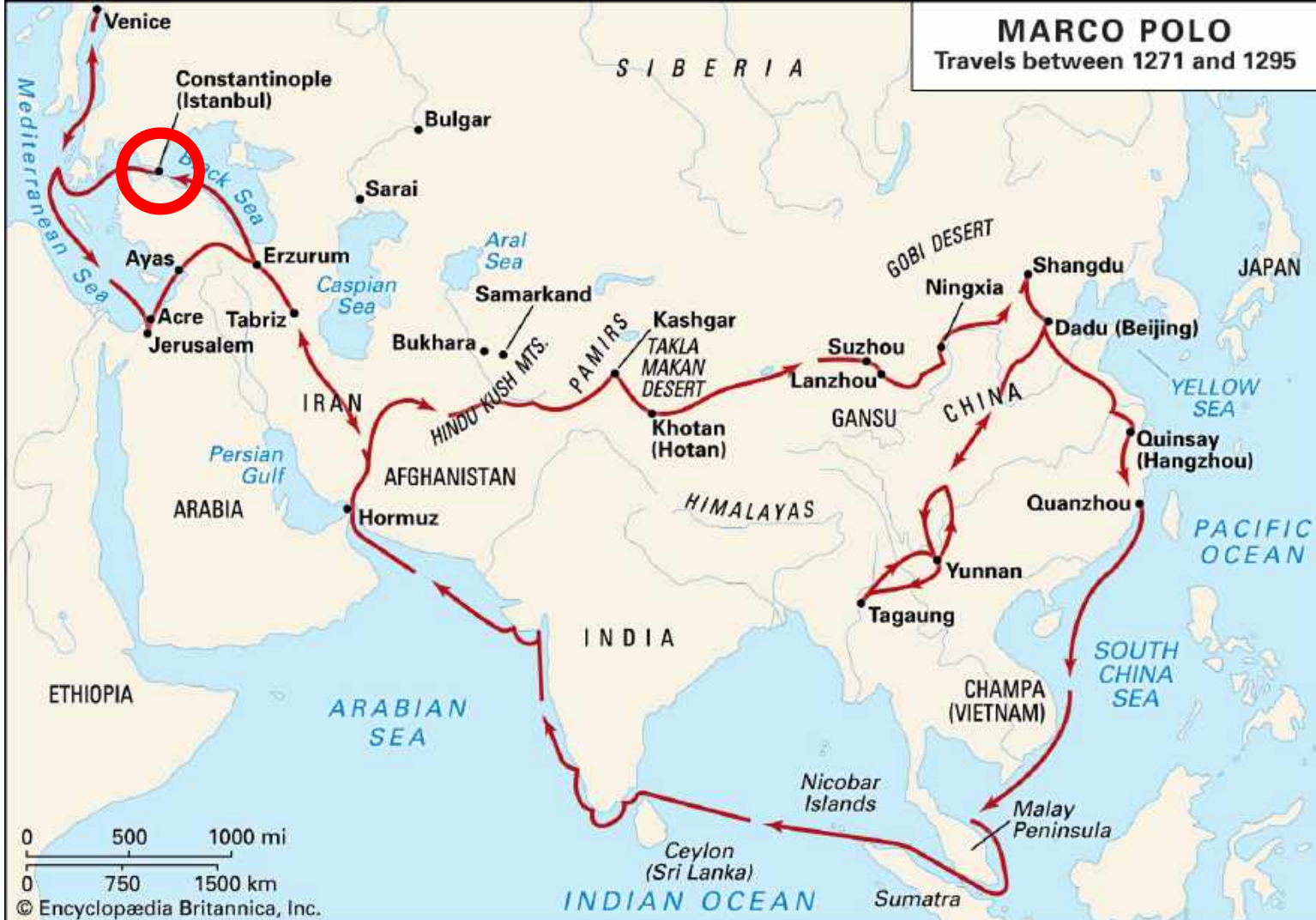
Pepper





# MARCO POLO

Travels between 1271 and 1295





**29th May 1453:**  
Constantinople  
captured and sacked  
by Turkish troops  
under Mohammed II

*Desembarco de Colón*  
Dióscoro Teófilo Puebla Tolín (1862)





# Text Analysis

What major themes ( = take-home messages)  
emerge from these narratives about  
(1) Tropical Rain Forests and  
(2) the People that live there?

Put another way....

Would you go there on vacation?



# Text Analysis

What major themes ( = take-home messages) emerge from these narratives about

- (1) Tropical Rain Forests and
- (2) the People that live there?

***Assignment for Week 2-1 posted in Canvas***

[\[assignment pdf\]](#)

[\[narratives pdf\]](#)