




1

Part 1 (10 min)

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



Emperor tamarin
Saguinus imperator

2

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?

3

1. What is the main ingredient in chocolate?

Cacao
Theobroma cacao



4

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



5

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



6

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.



Credit: ©2017CIAT/NeilPalmer

7

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Trees left 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%**

**Climate Change will
greatly reduce area for
Cacao farming**

**USA chocolate sales in
2021: \$21.1 Billion**


**Global demand for
chocolate estimated
to DOUBLE by 2050.**

8



9

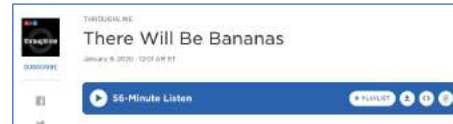
Graded Coursework		
Assignment	Requirements	Points
In-Class Activities	20 x 20 pts each	400
Movie Reviews	Reviews + data sheets	100
Analytic Essay	Essay (1000 wds) + graphs	150
Reflective Essay	Essay (500-700 wds) + Materials	150
Final Project	Materials + Description	200
		TOTAL = 1000



10

Semester Overview and Key Dates

WEEK	DATE	TOPIC	ASSIGNMENT DISTRIBUTED or DUE	
WHY ARE WE FASCINATED BY TROPICAL RAIN FORESTS?				
Week 1	1 23-Aug	Class Starts Thursday!	Movie Reviews Assigned	
	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		
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 - FLMMH 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		
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		
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				
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		
	2 1-Dec	Rain Forest Headlines		
Week 16	1 6-Dec	What will we do?		
	2 8-Dec	No Class - Reading Days		
Final Project Due				
Finals Week	16-Dec	Extra Credit / Revised Project due by 2:30 pm		



11

Section 1

WEEK	DATE	TOPIC	ASSIGNMENT DISTRIBUTED or DUE
WHY ARE WE FASCINATED BY TROPICAL RAIN FORESTS?			
Week 1	1 23-Aug	Class Starts Thursday!	Movie Reviews Assigned
	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	

12

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

Movie Reviews Due
Evening Screening: 7-9 pm (tentative)

13

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
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 Assigned

Analytic Essay Due

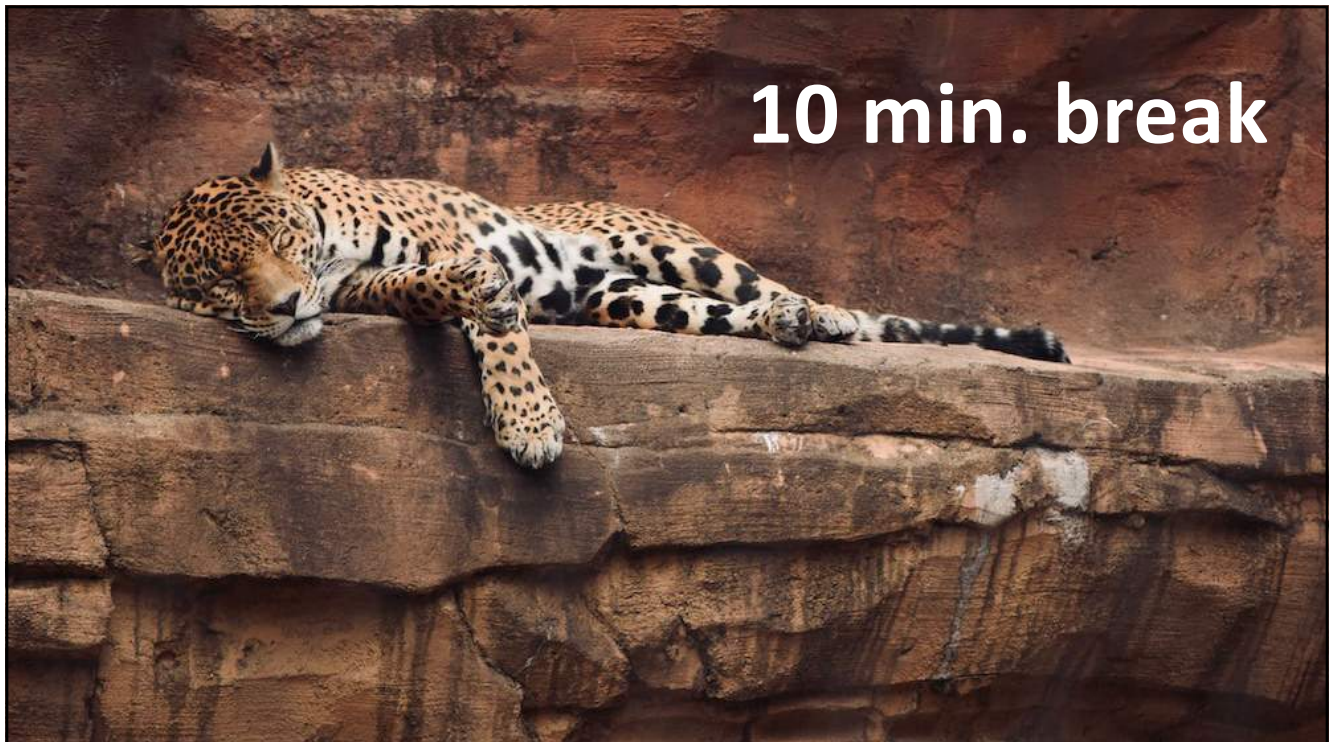
14

Section 4

THE FUTURE OF TROPICAL RAIN FORESTS

Week 11	1	1-Nov	Consumer choices	Reflective Essay Assigned
	2	3-Nov	DURIAN FEST 2022	
Week 12	1	8-Nov	International frameworks	Reflective Essay Due
	2	10-Nov	Local Initiatives, Empowered Communities	
Week 13	1	15-Nov	Protected areas	Final Project Assigned
	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	
	2	1-Dec	Rain Forest Headlines	
Week 16	1	6-Dec	What will we do?	Final Project Due
		8-Dec	No Class - Reading Days	
Finals Week		16-Dec	Extra Credit / Revised Project due by 2:30 pm	

15



16