

# The Future of Tropical Rain Forests IDS 2935

## Introductions

1

### Part 1: Introductions (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 **three** countries are the primary producers of this ingredient?

2

1. What is the main ingredient in chocolate?

3

1. What is the main ingredient in chocolate?

**Cacao**  
*Theobroma cacao*

4

1. What is the main ingredient in chocolate?

**Cacao**  
*Theobroma cacao*



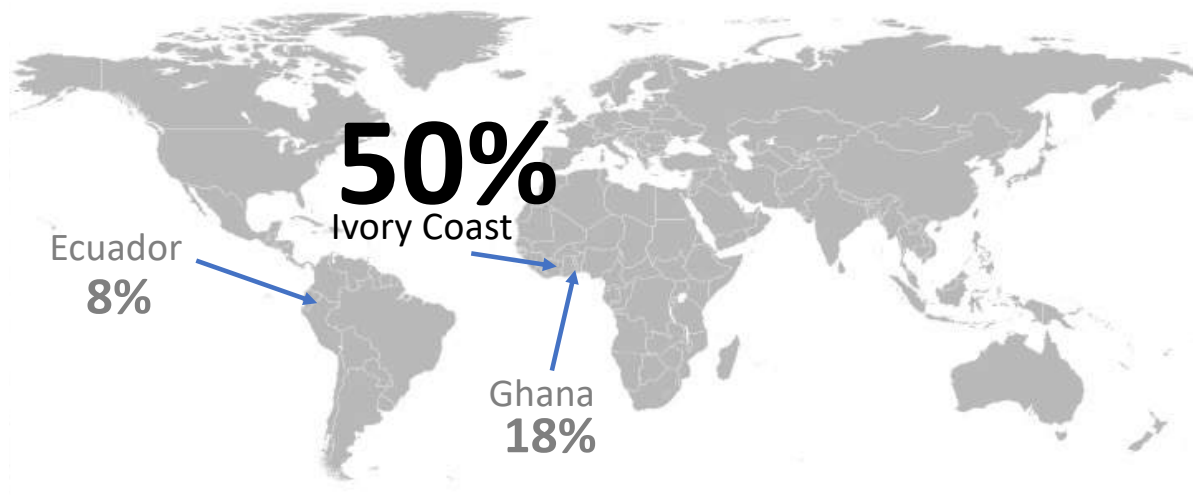
5

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



6

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



7

**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


8



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Trees felled for a cocoa plantation inside the Sefo 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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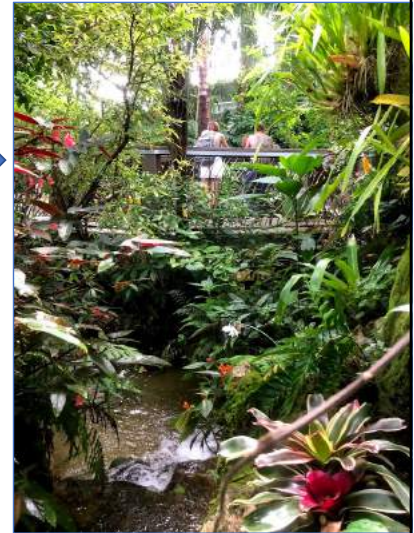
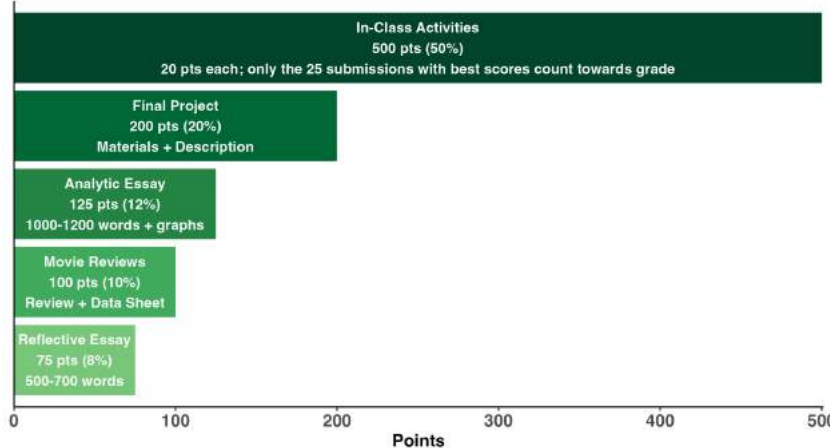
Global demand for  
chocolate estimated  
to DOUBLE by 2050.

9



10

## Part 2: Semester Overview



11

WEEK	DATE	TOPIC
<b>WHY ARE WE FASCINATED BY TROPICAL RAIN FORESTS?</b>		
Week 1	1: 22-Aug	Class Starts Thursday!
	2: 24-Aug	Course Welcome and Introduction
Week 2	1: 29-Aug	Historical Narratives
	2: 31-Aug	Rain forest Imagery in Art & Lit
Week 3	1: 5-Sep	The Rain Forest in Pop Culture
	2: 7-Sep	What is a Rain Forest?
<b>THE ECOLOGY &amp; EVOLUTION OF TROPICAL RAIN FORESTS</b>		
Week 4	1: 12-Sep	What else is a Rain Forest?
	2: 14-Sep	Patterns of Biodiversity 1
Week 5	1: 19-Sep	Patterns of Biodiversity 2
	2: 21-Sep	Origins of tropical biodiversity
Week 6	1: 26-Sep	Maintenance of tropical biodiversity - FLIMNH Trip
	2: 28-Sep	The Paradox of Luxury and Forest disturbance
Week 7	1: 3-Oct	Humans are part of rain forests
	2: 5-Oct	Narratives Revisited: Biology, History, Fiction, Reality
Week 8	1: 10-Oct	JUNGLE FILM FESTIVAL (Evening Screening, 7 pm)
	2: 12-Oct	How much Tropical Rain Forest is there?
<b>THE DRIVERS AND IMPACTS OF DEFORESTATION</b>		
Week 9	1: 17-Oct	How much Tropical Rain Forest have we lost?
	2: 19-Oct	Drivers of Deforestation: Timber, Mining, Infrastructure
Week 10	1: 24-Oct	Drivers of Deforestation: Agriculture
	2: 26-Oct	Climate change and Tropical Forests
<b>THE FUTURE OF TROPICAL RAIN FORESTS</b>		
Week 11	1: 31-Oct	Addressing Climate change
	2: 2-Nov	Consumer choices
Week 12	1: 7-Nov	DURBAN FEST
	2: 9-Nov	International frameworks
Week 13	1: 14-Nov	Local Initiatives, Empowered Communities, & Activism
	2: 16-Nov	Protected areas
Week 14	1: 21-Nov	Project Work Day
	2: 23-Nov	No class - Thanksgiving
Week 15	1: 28-Nov	Forest restoration & regeneration
	2: 30-Nov	Tropical Rain Forests & Global Health
Week 16	1: 5-Dec	Rain Forest Headlines / What will you do?
	2: 7-Dec	No Class - Reading Days
Finals Week	14-Dec	Finals Week

read

listen

watch



12



## Section 1

WEEK		DATE	TOPIC
<b>WHY ARE WE FASCINATED BY TROPICAL RAIN FORESTS?</b>			
Week 1	1	22-Aug	Class Starts Thursday!
	2	24-Aug	Course Welcome and Introduction
Week 2	1	29-Aug	Historical Narratives
	2	31-Aug	Rain forest imagery in Art & Lit
Week 3	1	5-Sep	The Rain Forest in Pop Culture



13

## Section 2

### THE ECOLOGY & EVOLUTION OF TROPICAL RAIN FORESTS

	2	7-Sep	What is a Rain Forest?
Week 4	1	12-Sep	What else is a Rain Forest?
	2	14-Sep	Patterns of Biodiversity 1
Week 5	1	19-Sep	Patterns of Biodiversity 2
	2	21-Sep	Origins of tropical biodiversity
Week 6	1	26-Sep	Maintenance of tropical biodiversity - FLMNH Trip
	2	28-Sep	The Paradox of Luxuriance & Forest disturbance
Week 7	1	3-Oct	Humans are part of rain forests
	2	5-Oct	Narratives Revisited: Biology, History, Fiction, Reality
Week 8	1	10-Oct	JUNGLE FILM FESTIVAL (Evening Screening, 7 pm)



14

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15

## Section 3

### THE DRIVERS AND IMPACTS OF DEFORESTATION

	2	12-Oct	How much Tropical Rain Forest is there?
Week 9	1	17-Oct	How much Tropical Rain Forest have we lost?
	2	19-Oct	Drivers of Deforestation: Timber, Mining, Infrastructure
Week 10	1	24-Oct	Drivers of Deforestation: Agriculture
	2	26-Oct	Climate change and Tropical Forests



16



## Section 4

### THE FUTURE OF TROPICAL RAIN FORESTS

Week 11	1	31-Oct	Addressing Climate change
	2	2-Nov	Consumer choices
Week 12	1	7-Nov	DURIAN FEST
	2	9-Nov	International frameworks
Week 13	1	14-Nov	Local Initiatives, Empowered Communities, & Activism
	2	16-Nov	Protected areas
Week 14	1	21-Nov	Project Work Day
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<b>Finals Week</b>		<b>14-Dec</b>	<b>Finals Week</b>

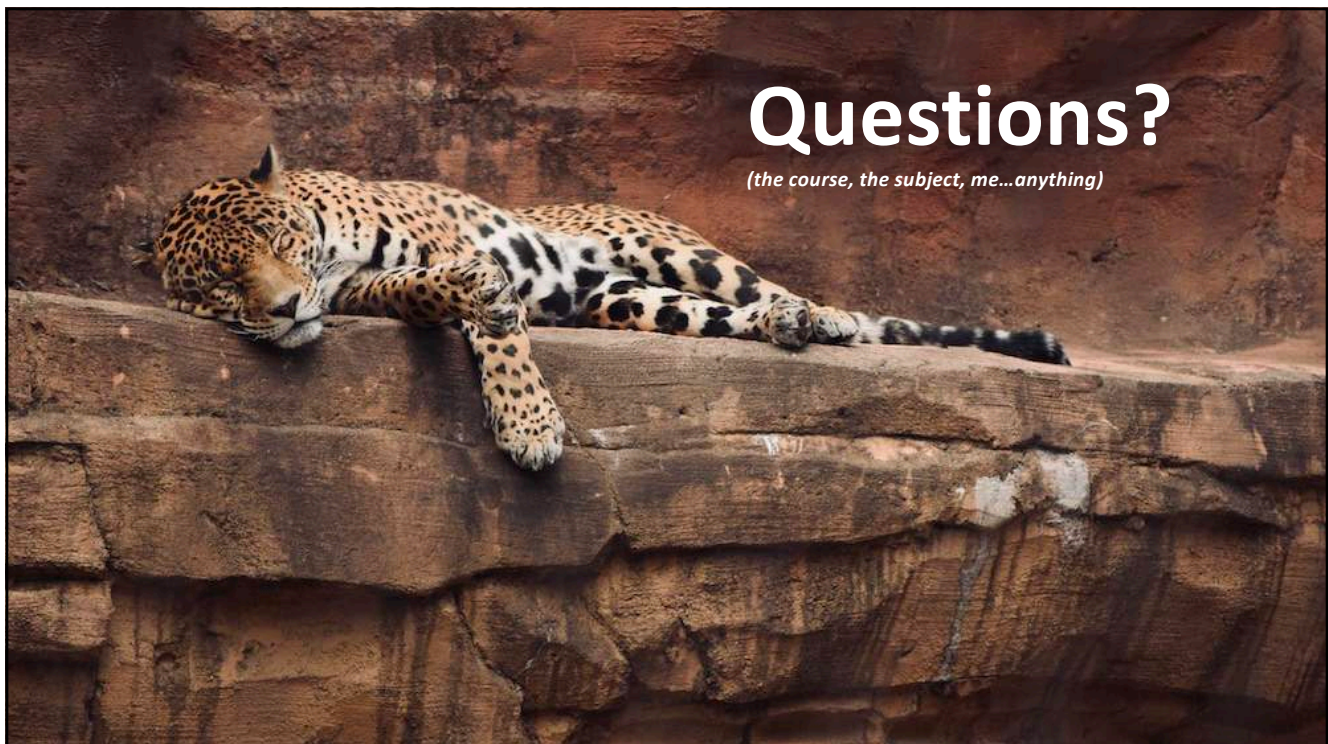
the notorious **DURIANFEST**



ids2935 the future of rain forests

1 17 Nov 22 9:35 am 2 Bruna Lab Lawn 711 Newell Dr. 3 a UF Quest Production www.BrunaLab.org

17



18