

Treehugger Trivia: Celebrating Black History Month with Black Environmentalists

Solomon G. Brown

(1829-1906)



Solomon G. Brown was the first African-American employee at the Smithsonian Institution working continuously from 1852 until 1906. He held a number of roles during his 54-year tenure including preparing maps and drawings for lectures, and working in the International Exchange Service. Brown was also self-educated and while at the Smithsonian obtained considerable knowledge in the field of natural history. He became well known for his illustrated lectures on natural history and lectured frequently at scientific societies throughout the Washington, DC area.

Important Information:

- **Before tomorrow's class: watch [3.3 Survivorship Curves](#) and [3.4 Carrying Capacity](#) and fill in the One Page Notes**
- **Quiz 3 (Mods 18, 19, 22, 23) on Friday 2/17**
- **Unit 3 PPT Notes (3.1 - 3.9) & Vocab Assignment (24 words) due on Tuesday 2/21**
- **Units 1-3 PPC due by 11:59 on Monday 2/20 (in AP Classroom & upload to Canvas)**
- **Units 1-3 Test (Multiple Choice and 1 FRQ)**
- **Quiz 4 (Mods 9, 10, 11, 24, 25 & 26) Feb 27**

<p>Daily Agenda:</p>	<p>Work to Be Turned In::</p>
<ol style="list-style-type: none"> 1. Quiz 2 (in Module 2) 2. Unit 3 Day 1 Generalists, Specialists, r and K selected species 👤👤 <ol style="list-style-type: none"> a. Short video about generalists & specialists b. Smedes 3.2 Notes 3. Whole FRQ Practice 	<ol style="list-style-type: none"> 1. Turn in Unit 2 PPT notes & Vocab <ol style="list-style-type: none"> a. only these papers in the binder, folder, etc.) b. make sure vocab is numbered

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| <ul style="list-style-type: none"> a. Write one (timed) b. Score student sample & your own | |
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Tuesday 2/14

Treehugger Trivia: Celebrating Black History Month with Black Environmentalists



Lisa Jackson was the first African American (and one of only a few women) to serve as the federal EPA Administrator. Appointed by President Obama in 2009, she made it a priority to focus on vulnerable groups – including children, the elderly, and low-income communities – that are particularly susceptible to environmental and health threats. Jackson became interested in environmental matters following the national and international coverage of the Love Canal Disaster in the mid-1970. She led the EPA to expand its commitment to engaging with and listening to all stakeholders in the decision-making process. After leaving the EPA, in May 2013, Jackson joined Apple as their environmental director.

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<ol style="list-style-type: none"> 1. FRQ Practice 3.1 2. Unit 3 Day 2: Carrying Capacity & Pop Growth 🧑🧒 <ol style="list-style-type: none"> a. Smedes 3.5 Pop Growth & Resource b. Wolves & Deer of Isle Royale 	<ol style="list-style-type: none"> 1. Turkey Population Lab due by Friday

Wednesday 2/15

Treehugger Trivia



Warren Washington

[Warren Washington](#) is an internationally recognized expert in atmospheric sciences and climate research, specializing in computer modeling of the Earth's climate. He was the second African-American to earn a doctorate in the atmospheric sciences.

2009 -elected to the National Academy of Engineering "for pioneering the development of coupled climate models, their use on parallel supercomputing architectures, and their interpretation."

1997 - won the U.S. Department of Energy Biological and Environmental Research Program Exceptional Service Award for Atmospheric Science, for the development and application of advanced coupled atmospheric-ocean general circulation models to study the impacts of human activities on future climate.

Washington's computer models for studying the impacts of climate change in the 21st century were used extensively in the 2007 Intergovernmental Panel on Climate Change assessment, for which National Center for Atmospheric Resources scientists, including Washington, and colleagues around the world shared the 2007 Nobel Peace Prize

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Daily Agenda:	Work to Be Turned In::
<ol style="list-style-type: none"> 1. FRQ Math 3.5 & 3.6 2. Unit 3 Day 4: TFR 3. 3.7 One Page Notes <ol style="list-style-type: none"> a. Human Population Changes PPT 4. Time to work on Turkey Lab 	<ol style="list-style-type: none"> 1. Turkey Population Lab due by Friday

Thursday 2/16

Treehugger Trivia



Mikhail Martin

Martin is a software engineer and co-founder of Brothers of Climbing. When Martin started climbing at a Brooklyn gym, he was one of a very few African Americans to rope up. When Martin and the crew realized how few people of color there were in the climbing community, they decided to do something about it. This led to the start of Brothers of Climbing, an organization dedicated to bringing diversity to the rock climbing community.

Important Information:

- Before tomorrow's class: watch [3.8 Human Population Dynamics & 3.9 Demographic Transition](#) and fill in the One Page Notes
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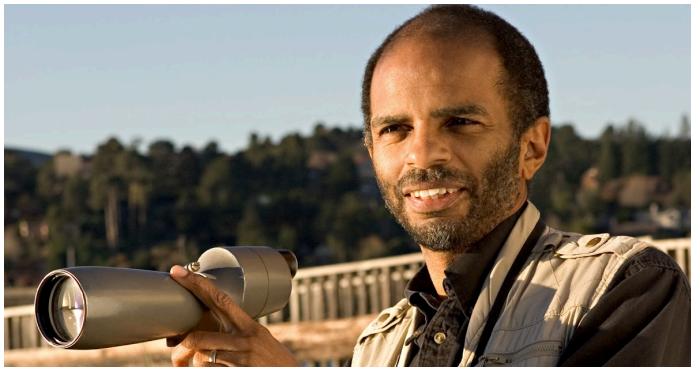
Daily Agenda:	Work to Be Turned In::
<ol style="list-style-type: none"> 1. Bring in one bag of soil per group, like a quart-sized. 	<ol style="list-style-type: none"> 1. Turkey Population Lab due by Friday

2. Review changes to Canvas & Exam Review Material
3. Unit 3 Day 6 Human Population Dynamics
 - a. Hans Rosling's *Don't Panic Questions (in Canvas)*
 - b. *Extra credit (finish the video)*
4. Time to work on lab and Unit 3 work

2. Unit 3 Don't Panic due by Tues 2/21

Friday 2/17

Treehugger Trivia:



John C. Robinson is a biologist and birder who has birded in almost every state and led birding trips in Central America and South Africa. But wherever he goes, he says, he often hears the same comment: “I’ve never met a black bird watcher before!” Eventually, it got him wondering why there were so few minorities involved with birding – so he decided to do something about it. Robinson often points out that in another couple of generations, minority populations collectively will be the majority and will hopefully drive conservation efforts. Thus, his mission is to encourage inner city and minority youth and young adults to become more interested in nature through bird watching. He explores the topic in his book, *Birding for Everyone: Encouraging People of Color to Become Birdwatchers*.

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<ol style="list-style-type: none">1. Quiz #32. Unit 3 Day 6 DTM<ol style="list-style-type: none">a. Population Math<ol style="list-style-type: none">i. Growth rate $(\text{CBR} + \text{I}) - (\text{CDR} + \text{E}) / 10 =$ii. Rule of 70b. DTM & Age Structure Diagrams Cut & Paste3. Whole FRQ Practice4. Soil setup<ol style="list-style-type: none">a. In jar with water & squirt of soap - shake for 1 minb. Spread out on plate (labeled)	<ol style="list-style-type: none">1. Turkey Population Lab due by Friday2. Unit 3 Don't Panic due by Tues 2/21
