

Climate Initiative

Lesson 2: Introduction to Climate change Habitat Scramble!

The Scientific Method



The Scientific Method

The rules of good science:

Because science is AWESOME!!



The Scientific Method

The rules of good science:

Because science is AWESOME!!

- 1. Ask a question
- 2. Make a hypothesis
- 3. Collect data
- 4. Make conclusions
- 5. Share your results



Phenology



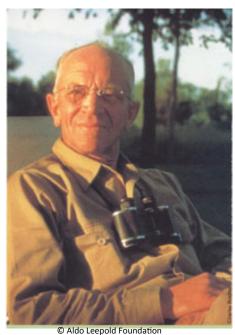
Phenology recording natural events as they happen throughout the year



Phenology Why are we recording phenology?

Phenology Why are we recording phenology?

To compare our data with long term data sets to see if there has been a shift

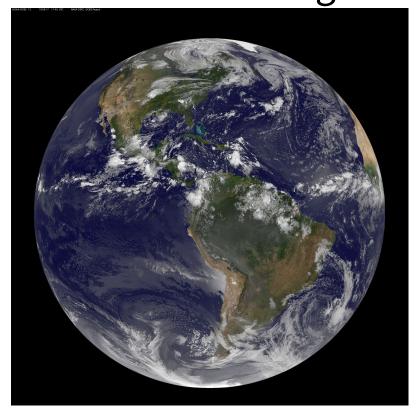




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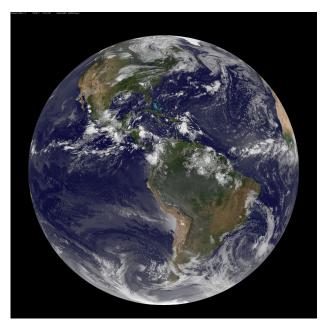
Phenology What might cause a shift in phenology?

Phenology What might cause a shift in phenology? Climate change



Climate Change: The Big Picture The entire earth is warming

Everything on our earth is connected: a change in one place causes more changes in other places



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Generalist

- Generalist
 - thrive under a wide variety of conditions

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- Generalist
 - thrive under a wide variety of conditions







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- Generalist
 - thrive under a wide variety of conditions
- Specialist



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 - Require a specific type of habitat or food





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Habitat Scramble

Extinct

Extirpated

Habitat Scramble

Extinct- no LIVING members left



Habitat Scramble

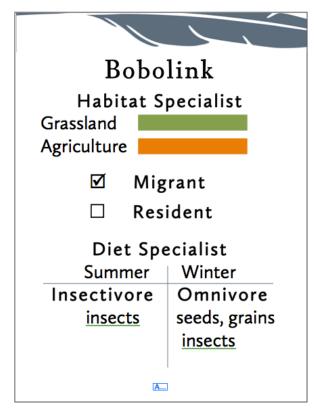
Extinct- no LIVING members left

Extirpated- no living members left in a PLACE

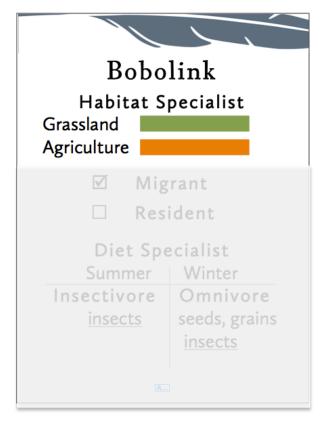


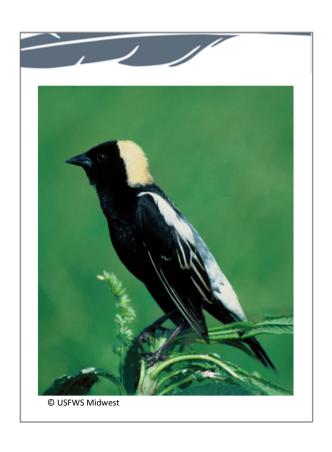


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