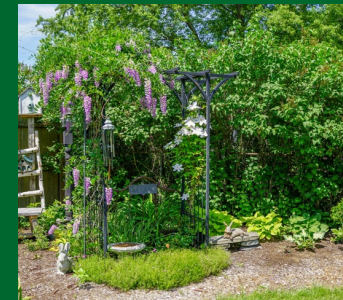
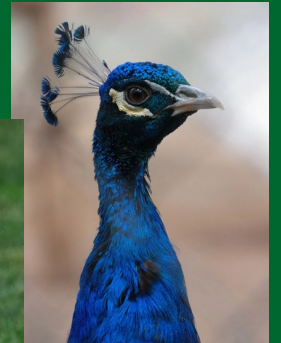


Understanding Biodiversity: Life's Variety

- What is Biodiversity?
- Levels of Biodiversity
- Genetic Diversity, Species Diversity, Ecosystem Diversity
- Biodiversity in Your Backyard
- Biodiversity Hotspots
- Why is Biodiversity Important?
- Threats to Biodiversity
- Protecting Biodiversity



Preview File

Please enjoy this preview of your Student Version of the presentation. Please note within this sample file:

- Some slides appear blank because they have been removed
- Student versions have portions of the text removed which is given in the teacher version and appear as _____ which the students are to fill in
- Other slides may have on them, this represents writing that has been removed on this sample

**The paid full version of your resource includes
both Google Slides and PowerPoint and is
Google Classroom Ready**



Learning Goals

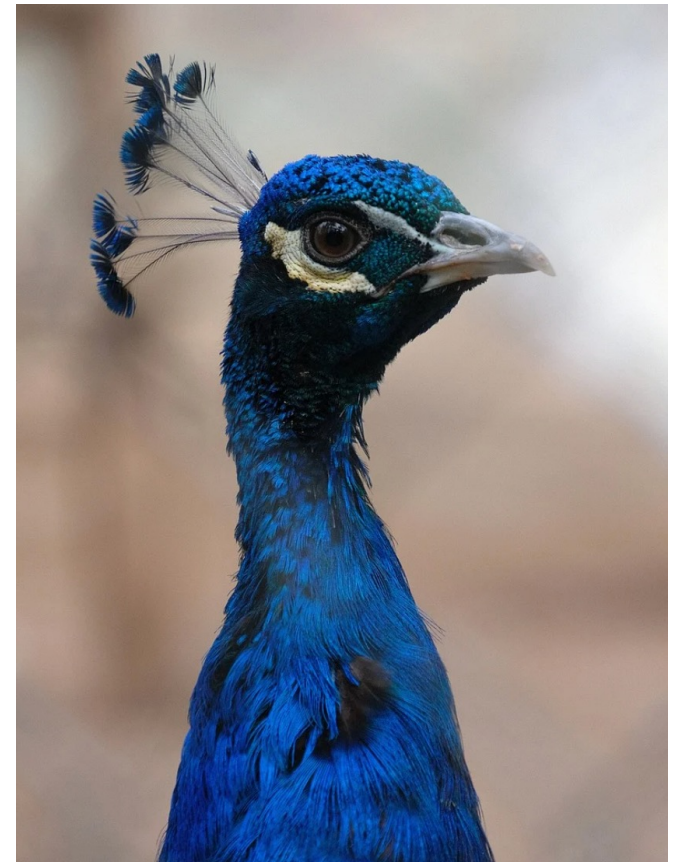
By the end of this lesson, students will be able to:

1. Define biodiversity and its three main levels.
2. Explain the importance of biodiversity within species.
3. Describe biodiversity among species in a community.
4. Understand biodiversity among communities and habitats.

What is Biodiversity?



Definition: _____



Levels of Biodiversity

There are three main levels of biodiversity

1. _____
2. _____
3. Ecosystem diversity (among communities and habitats)

**This Slide Has Been
Removed**

Spot the Differences

View the following images and identify as many differences as you can. Write them down.



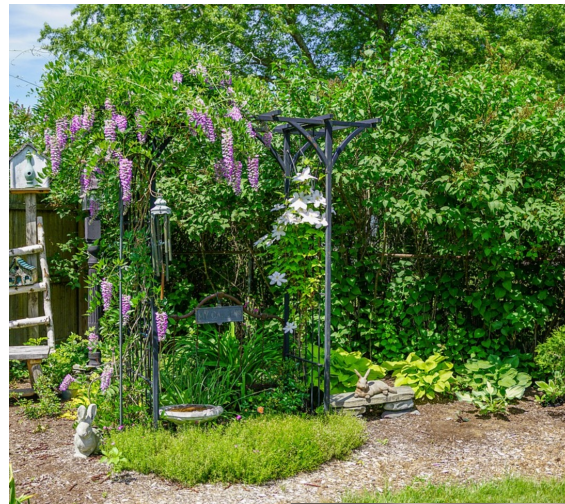
Species Diversity (Among Species)

- Definition: _____
- Importance:
 - Creates complex food webs
 - Keeps ecosystems stable
- Example: Forests and Coral reef



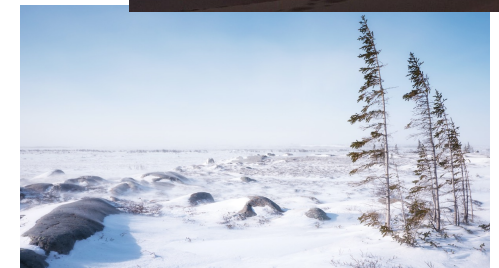
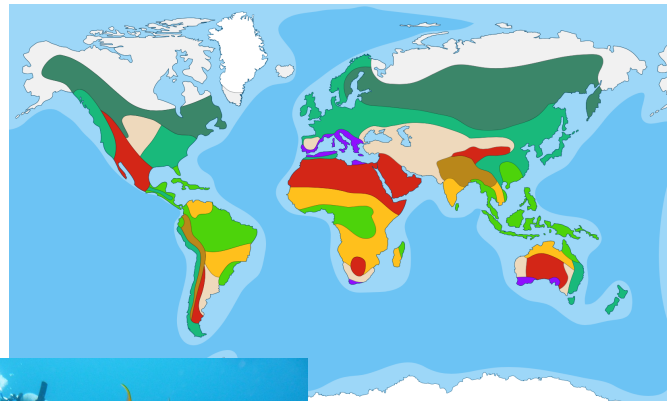
Biodiversity in Your Backyard

Consider the biodiversity in your own backyard or park. The both contain different types of trees, flowers, grasses, insects, birds, and small mammals.



Ecosystem Diversity

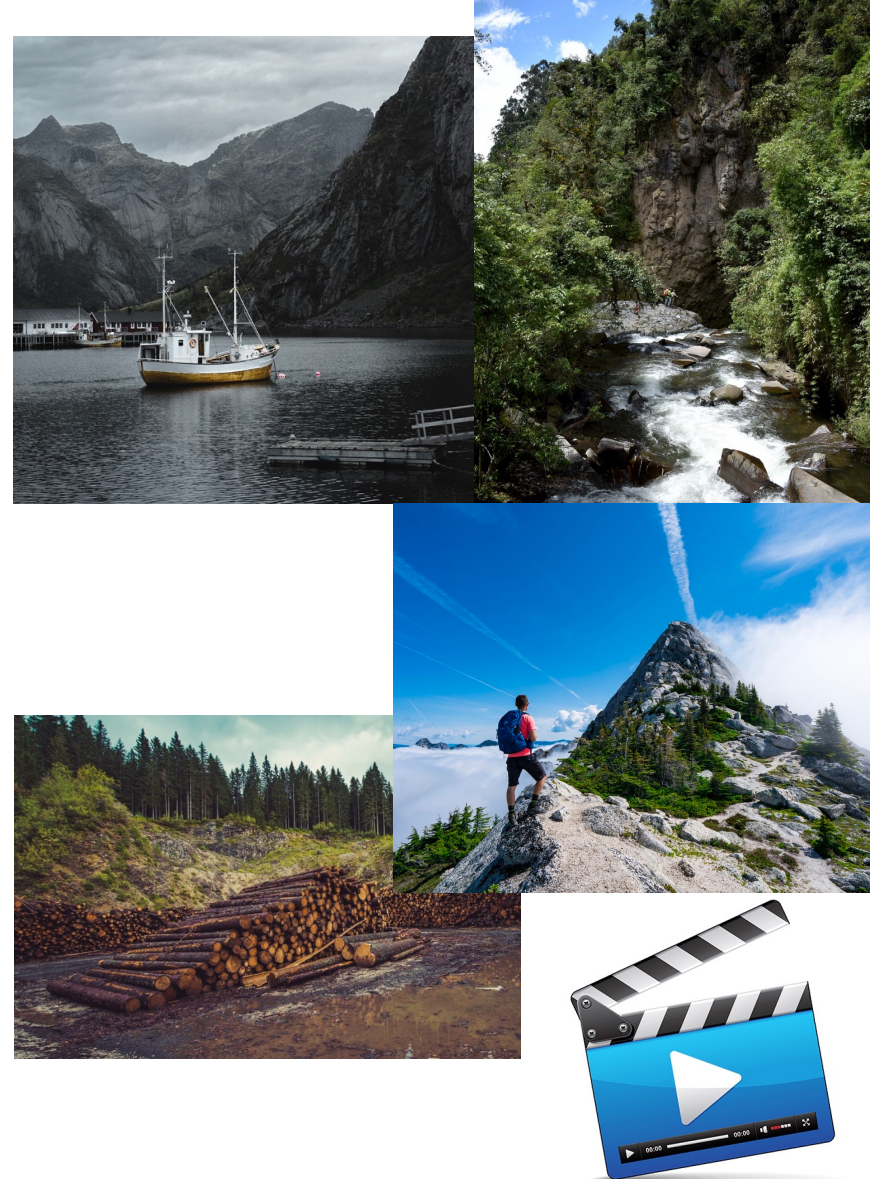
- Definition: _____
- Examples of different ecosystems:
 - Forests (tropical, temperate, boreal)
 - Grasslands
 - Deserts
 - Aquatic



**This Slide Has Been
Removed**

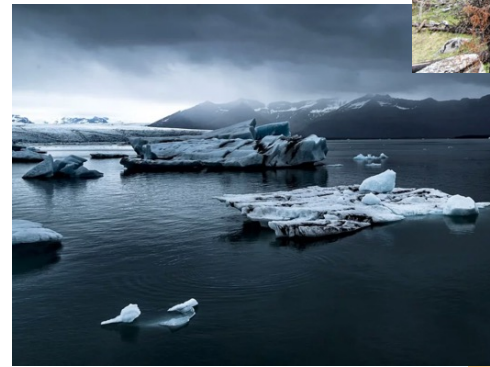
Why is Biodiversity Important?

- Ecosystem services (clean air, water, soil)
- Food security
- Medical discoveries
-



Threats to Biodiversity

- _____
- _____
- Overhunting
- Pollution
- Invasive species



Protecting Biodiversity

- Conservation efforts
- Sustainable practices

- _____

- _____



**This Slide Has Been
Removed**

Review

1. Biodiversity occurs at genetic, species, and ecosystem levels.
2. Each
3. Biodiversity is crucial for the planet and human well-being.
4. _____