

BIODIVERSITY

- What is Biodiversity?
- How did biodiversity begin on Earth?
- Why is biodiversity important to humans?
- What are the main threats to biodiversity today?
- How can we protect and preserve biodiversity?



INTRODUCTION TO BIODIVERSITY



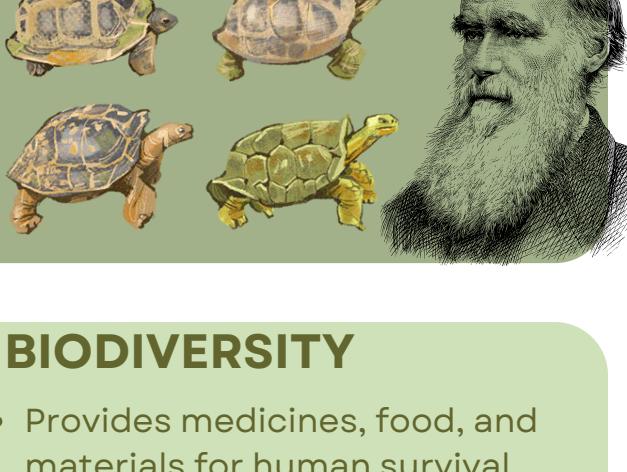
• Biodiversity is the variety of all living things on Earth, including differences in genes, species, and ecosystems.

• It helps keep nature balanced and supports life across the planet.



ORIGIN OF BIODIVERSITY

- It began through evolution by natural selection, a process where species change over time.
- Over billions of years, organisms adapted to their environments, leading to the great variety of life we see today.



IMPORTANCE OF BIODIVERSITY



- Provides medicines, food, and materials for human survival.
- Crop diversity ensures food security and adaptability.
- Wild species, especially aquatic life, support global nutrition.
- Inspires art, culture, and tourism while promoting awareness.

THREATS TO BIODIVERSITY

- Human activities like cutting trees, overusing resources, and spreading invasive species harm many living things.
- Climate change and pollution make it worse, causing more animals and plants to disappear.



PRESERVING BIODIVERSITY



- Protecting biodiversity needs teamwork through laws, conservation areas, and restoring damaged habitats to help species survive.
- We can protect biodiversity by restoring habitats and reducing pollution through activities like tree planting.