Biodiversity

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What is biodiversity?
What do you think biodiversity means?

BIO + DIVERSITY

means “life”

means “variety”
3 TYPES OF BIODIVERSITY

Diversity of Genes
variety of genetic makeup within a species

Diversity of Ecosystem
variety of habitats, ecosystems, and communities

Diversity of Species
variety of species in a given area
Biodiversity is the base of life expectancy
WHY IS BIODIVERSITY IMPORTANT?

Biodiversity is an integral part of the ecosystem, which provides the following services:

- **Provisioning Services**
- **Supporting Services**
- **Regulating Services**
- **Cultural Services**
Ecosystem services (food, clean water, fresh air, energy) are not always obvious. For example, bees not only give honey, but also pollinate plants, providing 1/3 of our food.

“Humanity will be destroyed by famine after the destruction of the last bee”. Einstein
The anthropogenic causes of the loss of biodiversity are:

- Deforestation
- Agriculture
- Overuse of life resources
- Urban development
- Mining
- Pollution
The major factors of the existence of rich biodiversity in Armenia:

- Geographical location
- Reliefs
- Climate

Located at an altitude of 375-4095 m above sea level and due to the presence of 7 types of landscape, it has a unique flora and fauna. About 3,600 species of high-quality flower plants, more than 17,500 species of animals, including species that are under threat of destruction around the world, have been found on the territory of Armenia. There are also many endemic species.
Situation in Armenia
Specially protected nature areas of Armenia

- State Reserves
- National Parks / 4
- State Sanctuaries / 27
- Nature Monuments
Caucasian leopard
Bezoar goat
Armenian Mouflon
Sevan National Park
Armenian gulls

Island of gulls
Norashen Nature Reserve
Pink-backed pelican
Arpi Lake National Park
Darevsky's Viper
Dalmatian Pelican

Common Crane

Armenian Gull

Common Shelduck
Plane tree
Dilijan National Park
Golden Eagle

Snake Eagle

Griffon vulture

Lammergeir

Peregrine falcon
Penny Bun

Fly Agarics

Veiled Stinkhorn
SAVE BIODIVERSITY

Thank You!