1. In-situ conservation

Modes of Conservation

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2. Ex-situ conservation

On site conservation or the conservation of genetic resources in natural populations of plant or animal species

It is the process of protecting an endangered plant or animal species in its natural habitat

In-situ conservation is being done by declaring an area as protected area.

i. National parks

a. Protected areas
ii. Sanctuaries

b. Sacred forests
iii. Biosphere reserves

It is also applied to conservation of agricultural biodiversity in agro forestry by farmers

Ex-situ conservation is the preservation of components of biological diversity outside their natural habitats

This involves conservation of genetic resources, as well as wild and cultivated or species

It requires a wide range of techniques and facilities

Ex-situ locations

- 1. Seed banks
- 2. Captive breeding locations
- 3. Animal translocations
- 4. Tissue culture banks
- 5. Botanical gardens
- 6. Zoological gardens