

## **ENDANGERED & ENDEMIC SPECIES OF INDIA:**

Species are classified into various types:

**Extinct species** → No longer found in the world

**Endangered species** → A species is said to be endangered when its no has been reduced to a critical level. Unless it is protected it is in danger of extinction.

**Vulnerable species** → when its population is facing continuous decline due to habitat loss.

**Rare species** → when it is localized within restricted area.

## **ENDANGERED SPECIES OF INDIA:**

A species is said to be endangered when its no has been reduced to a critical level. Unless it is protected it is in danger of extinction

### **No of threatened species of India:**

Plants	250
Birds	70
Mammals	86
Reptiles	25
Amphibians	3
Fishes	3
Molluscs	2, Insects -50

### **Important Endangered Species:**

Reptiles → Tortoise, green sea turtle, gharial, python  
Birds → Peacock, Siberian white crane, pelican, Indian Bustard  
Mammals → Indian wolf, red fox, tiger, Indian lion, golden cat, desert cat.  
Primates → lion tailed monkey, capped monkey, golden monkey  
Plants → medicinal plants, sandal wood tree

**RED-data Book** = Data book which contains the list of endangered species of plants and animals.

### **Factors affecting Endangered Species:**

- **Pollution:** Human disposal in nature. Travel through food chain and leads to death
- **Over-exploitation:** over usage of natural resources & poaching leads to extinct of wild life
- **Climate change:** ozone depletion, flood etc, threatens organisms and ecosystem

### **Remedial Measures:**

- CITES – Convention on International Trade in Endangered Species is signed
- 2900 and other 900 endangered species are restricted for trade.

## **ENDEMIC SPECIES:**

- The species, which are found only in a particular region are known as endemic species.
- 62% of endemic species are found in Himalayas and Western Ghats

### **Fauna:**

- Animals present in a particular region or period is Fauna.
- 62% amphibians & 50% lizards are endemic to Western Ghats.
- (ex) Monitor lizards, reticulated python, Indian salamander, viviparous toad.

### **Flora:**

- Plants present in a particular region or period is Flora
- (ex) Sapria himalayana, ovaria lurida, pteridophyta, angiosperms etc.

### **Factors affecting endemic species:**

Habitat loss, fragmentation, pollution