



Pakistan School
Kingdom of Bahrain



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

BIOLOGY

9



This book has been prepared and distributed by
Government of Punjab for students from 1973-2000
as such, feedback for all Government schools, will be
appreciated.



Publisher

PLD Publishers, Lahore

Ch. 3. BIODIVERSITY

- ▣ Topic. Steps for the Conservation
of
Biodiversity
&
Endangered species in Pakistan

(pages.44,45,46,47)

Objectives of the Lesson

- ▣ At the end of this lesson students will be able to
 - Describe the steps for the conservation of biodiversity.
 - &
 - Mention the name of some endangered species found in Pakistan.

Introduction

Conservation of biodiversity has become a global concern. The international union for the conservation of nature and natural resources (IUCN) and the World Wildlife Fund-Pakistan (WWF-P) work in close coordination with Pakistan's ministry of environment and other government and non government institutions. Following are a few examples of environmental work that has been carried out in Pakistan for conservation of species and habitats.

1.National Conservation Strategy.

- ▣ In 1980's IUCN and the government of Pakistan formulated the National Conservation strategy for Pakistan for the conservation of Pakistan's biodiversity.

2. CCD

- ▣ UN Convention on Combating Desertification is an international treaty against damage and poverty in dry lands.

3. Himalayan Jungle Project(HJP)

- ▣ It started in 1991 in the palas valley in KPK.
It aimed at protecting one of the richest areas of biodiversity in Pakistan.

4. Suleiman Range Biodiversity

- ▣ Suleiman Range Chilghoza Forest is the largest chilghoza forest in the world. In 1992 the WWF-P started the conservation program.

5. NACP

- ▣ The northern area conservation project is a project of WWF-P which is successfully in implementing a ban on the hunting of a number of species.

6. Conservation of migratory birds in Chitral, KP.

- ▣ WWF-P also initiated efforts to reduce the hunting pressure of migratory birds in 1992.
- ▣ WW-P developed the management plan of the Hazargangi National park Quetta which is the only habitat of Chiltan Markhore in the country
- ▣ WWF-P has been successful in imposing a ban on foreigner visitors to play games in which animals like bears are used.

Endangered species in Pakistan

- ▣ Due to human activities, the biodiversity in Pakistan is facing a great loss here are a few examples of endangered species in Pakistan.
 - 1) Indus dolphin
 - 2) Marco polo sheep
 - 3) Houbara bustard

1. Indus dolphin

- ▣ There are about 600 animals of the species of Indus dolphin are left today in the Indus river due to water pollution and destruction of habitat and poaching.



2. Marco Polo Sheep

- Marco polo Sheep are found in the Khunjerab National park. Their numbers have been rapidly decreasing in the last two decades.



3. Houbara bustard

- ▣ This bird flies to Pakistan in winter season from Russia Siberia and settles in Cholistan and Thar deserts. The decline in its population is due to hunting and habitat destruction.



NATIONAL BIRD OF PAKISTAN

- ▣ Chakor Partridge is the National bird of Pakistan. Scientific name = *Perdix perdix*



NATIONAL ANIMAL OF PAKISTAN

- ▣ Markhor is the National animal of Pakistan.
Scientific name= *Capra falconeri*.



Activity. 1.

- ▣ Give short answers of the following.
 - i. What do you mean by WWF-P?
 - ii. Where is Hazargangi park located?
 - iii. Name the national bird of Pakistan.

Activity. 2.

▣ Fill in the blanks.

- i. IUCN means-----
-----.
- ii. WWF-P means-----
-----.
- iii. National animal of Pakistan is-----.

Closure

- ▣ Today we have done the topic -----
-----.
- ▣ Indus dolphin is found in-----
.
- ▣ Houbara bustard flies to Pakistan in-----
--season.

Home Work

- ▣ Describe the reasons why a established animal species becomes endangered due to human interference.
- ▣ Make a list of birds that migrate from the northern to the southern part of Pakistan.

THANK
YOU!

THE END