

Date :

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Topic :

NAME → MRITUNJAY

KOHLI

COURSE → B. COM

ROLL NO → 3239

SUBJECT → ENVIRONMENT

STUDIES

PROJECT

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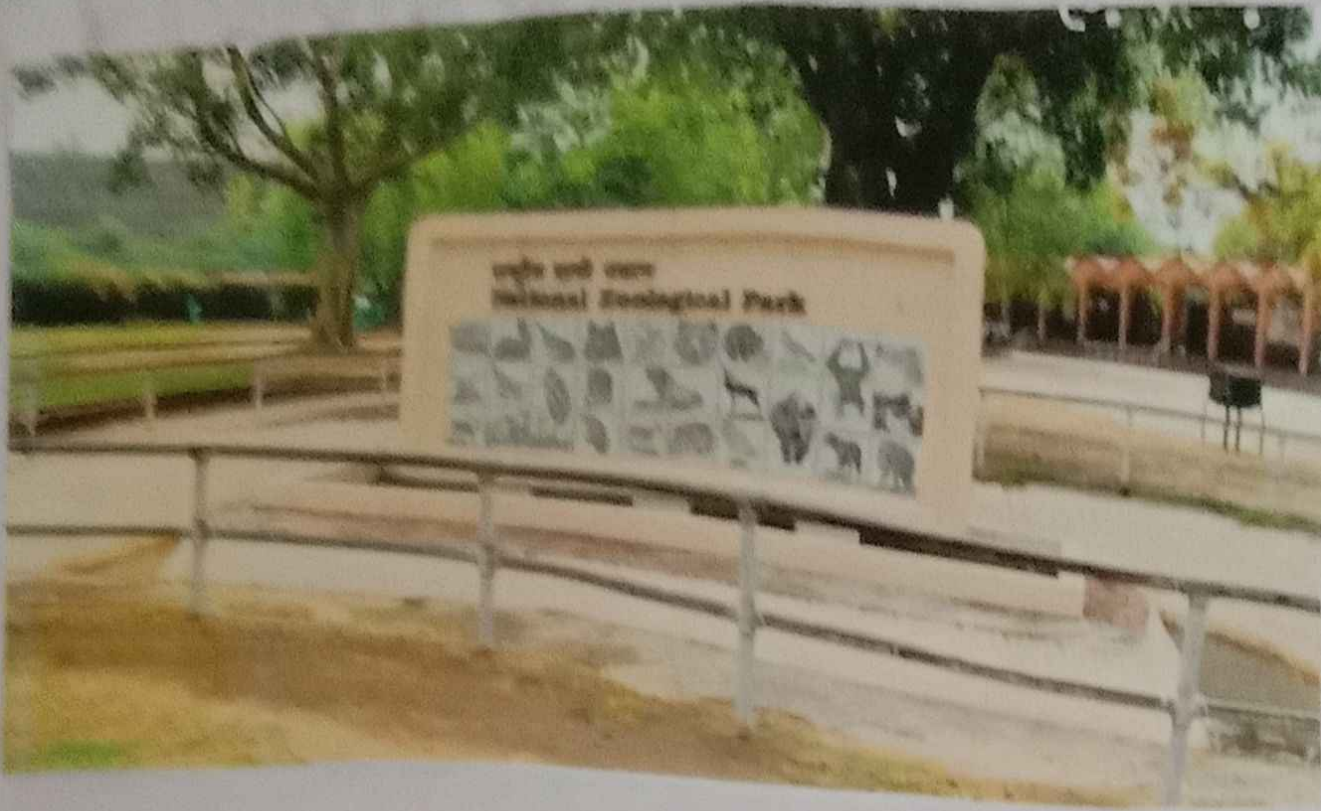
# ACKNOWLEDGEMENT →

This is a project report submitted by Mritunjay Kohli, a student BCom Courses, Khalsa College, Delhi.

The project represents the different aspects related to the eco-system visited.

The report prepared is after visiting and detailing the research done on Delhi Zoological Park.

Special regards and thanks to Ashish Thomas Sir for his valuable guidance.



DELHI

ZOOLOGICAL

PARK



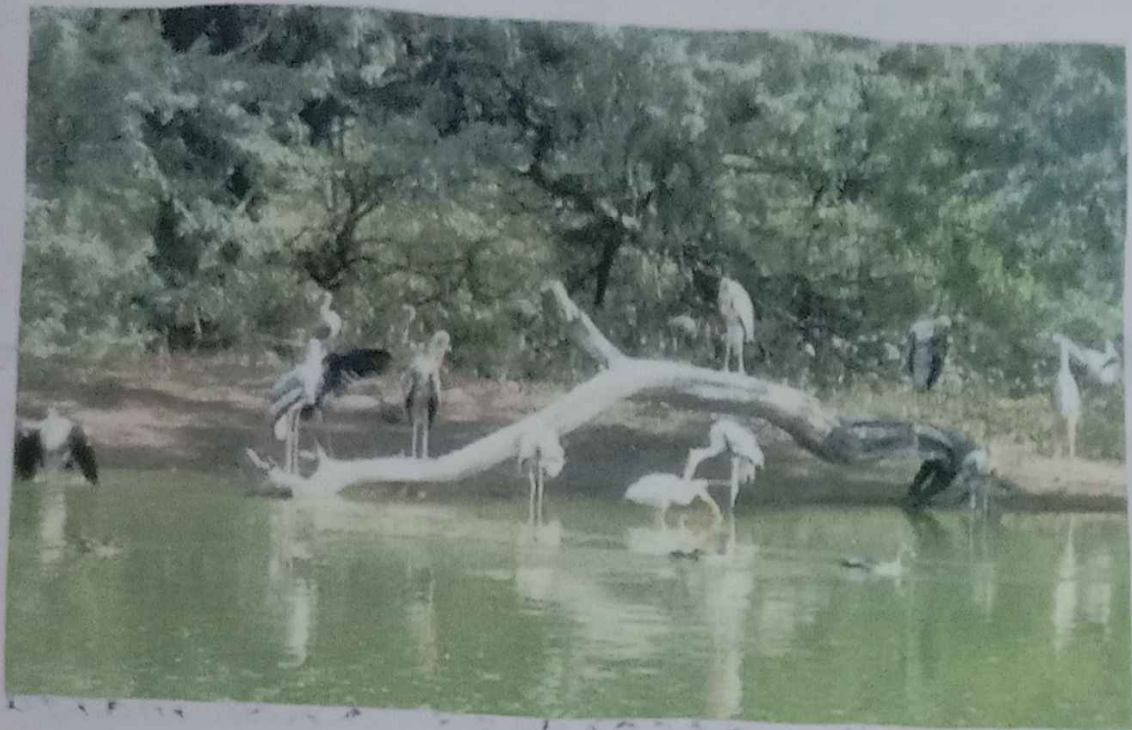
# INTRODUCTION →

The Delhi Zoological Park is situated near Old Fort, New Delhi. It covers about 176 acres of land beautifully decorated and maintained by the Govt. of India.

It is a home for large number of species of birds, reptiles and mammals.

They live like their natural habitat, breed well in captivity.

The Eco-System aims at species preservation and reducing man-animal conflicts and creating a harmony of nature in the city.





# STRUCTURE →

The Delhi Zoo was founded in 1957 by the Indian Government. Its facilities are funded and administered by the Indian Government.

More than 1,700 specimens representing at least 185 species are exhibited and bred in the 97 hectare park.

Its structure includes roads, waterways, ponds, fences & animal houses constructed alongside some lawns and plantation.

Many animals and birds are gifted by other states to the Delhi Zoological Park.

Many animals are displayed in moated enclosures, while a colony of lion-tailed macaques is allowed to move freely about the premises.



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ID 170473696 © Sholemdraghet

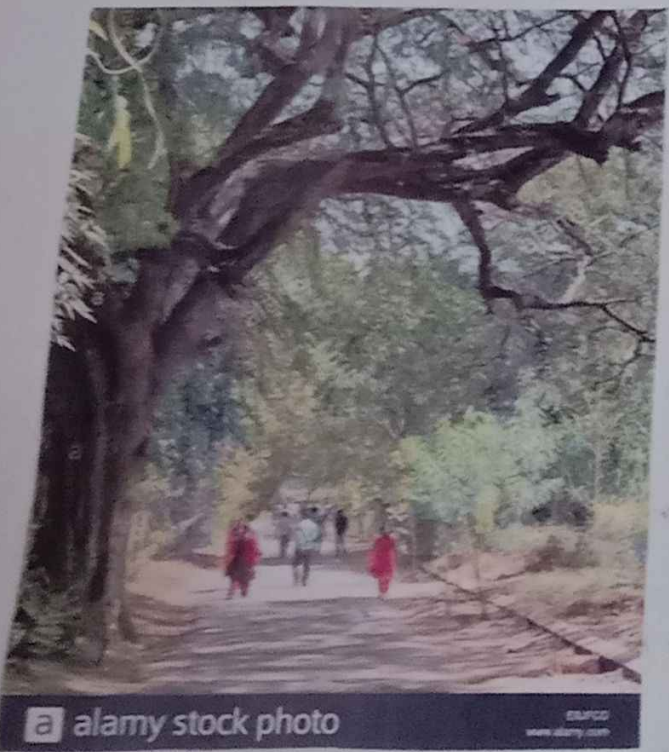


# FLORA →

There are many species of plants, shrubs and trees planted in the Delhi Zoo. Some of them are -

Name	Scientific Name
Curry Plant	Murraya Koenigii
Teak	Tectona Grandis Linn
Silver Oak	Grevillea Robusta
Neem	Azadirachata Indica
Jack Fruit	Artocarpus Integra
Baobab	Adansonia Digitala
Mango Tree	Mangifera Indica
Tamarind Tree	Tamarindus Indica
Guava Tree	Psidium Guajava

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ELMCO  
www.alamy.com



www.delmood.wordpress.com by Elmco

Name	Scientific Name
Indian Gooseberry	Emblica officinalis
Papaya	Carica Papaya
Babool	Vachellia Nilotica
Blue Berry	Vaccinium Cyanococcus
Mulberry	Genus Morus
Palash	Butea Monosperma
Semal	Bombax Ceiba
Kachnar	Bauhinia Variegata
Palm	Arecaaceae
Ashwagandha	Withania Somnifera
Ashoka	Saraca Asoca
Sandalwood	Santalum Album

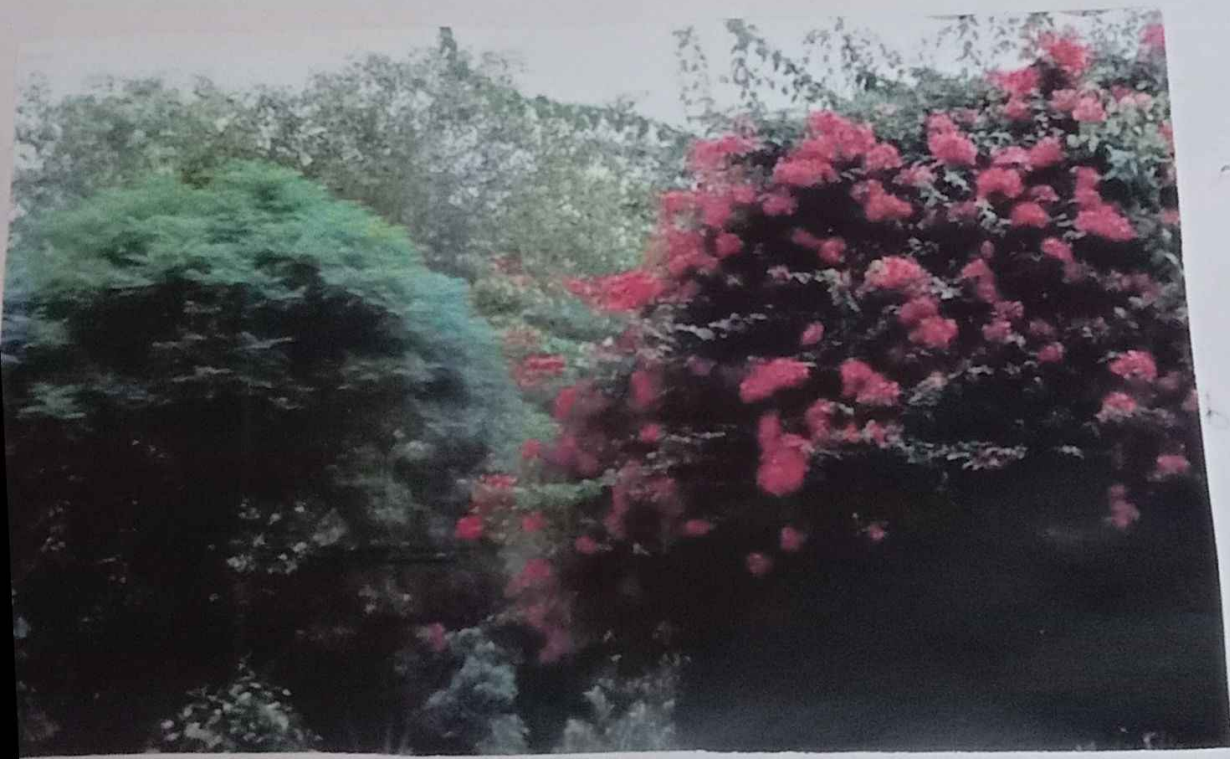
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*[Faint, illegible handwritten text]*



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*[Faint, illegible handwritten text]*

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Names

Scientific Names

Champa

Michelia Champaca

Coral Jasmine

Nyctanthes Arbor-tristis

Peacock Flower

Caesalpinia Pulcherrima

Indian Shot

Canna Indica

Banyan

Ficus Benghalensis

Drumsticks

Moringa oleifera

Kadamb

Anthocephalus Indicus

Kalpa Usiksha

Adansonia Digitala

Rain Tree

Albizia Lebeck

Pomegranate

Punica Granatum

American Marigold

Tagetes Erecta

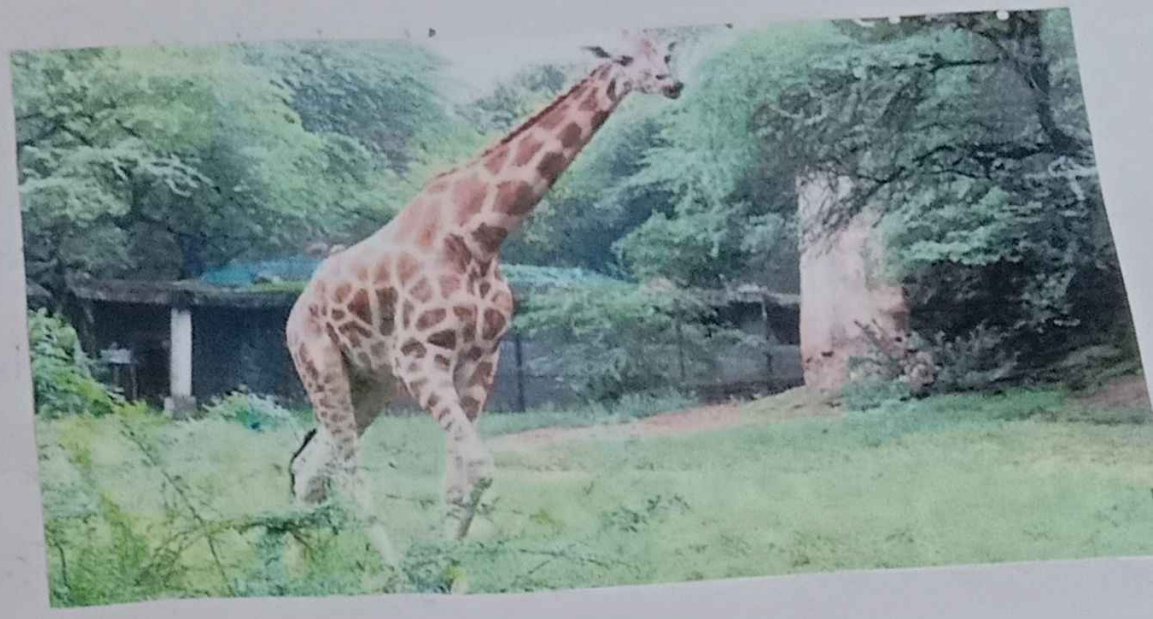
Lime

Citrus Latifolia

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# FAUNA →

1 The Delhi Zoo is a natural habitat for about 130 species of birds and animals. Some of them are listed below →

Names	Scientific Names
Cheetah	Acinonyx Jabatus
Red Fox	Vulpes Vulpes
Gharial	Gavialis Gangeticus
Sheep	Ovis Aries
Indian Elephant	Elephas Maximus
Lion	Felis Leo
Fowl	Gallus Gallus Domesticus
Bulbul	Molpastes Coerjex

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F30J06  
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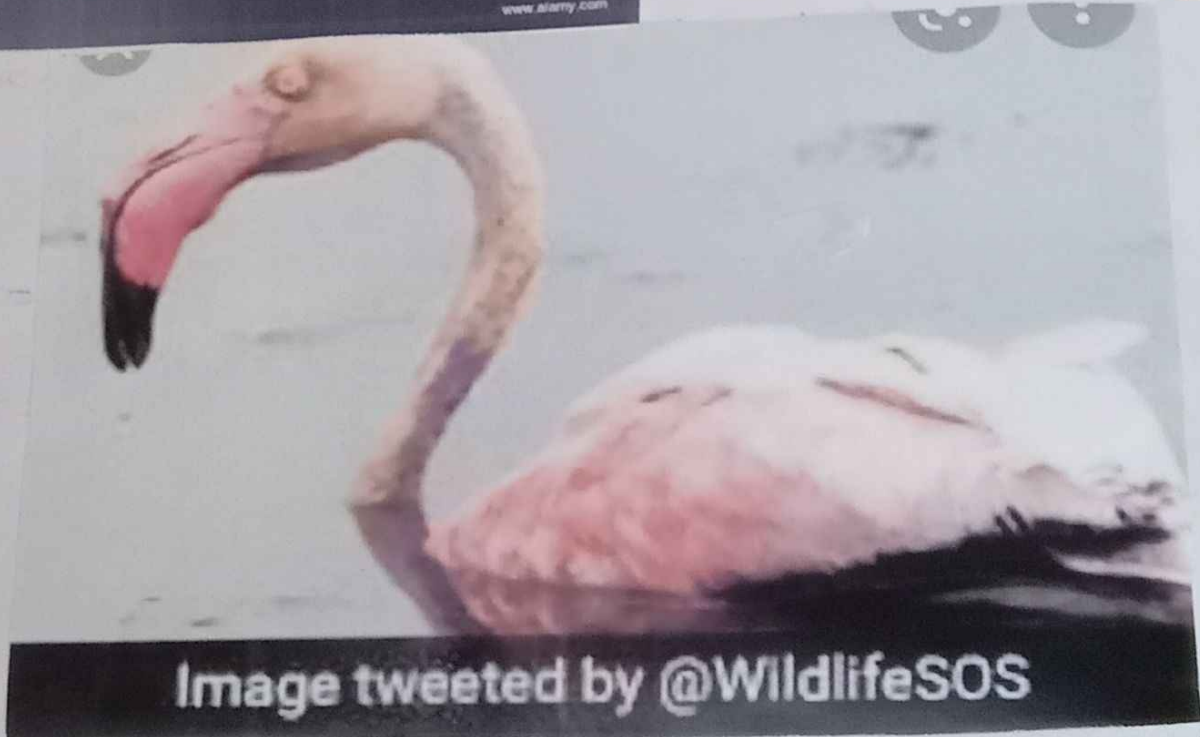


Image tweeted by @WildlifeSOS

Names

Scientific Names

Indian Cobra

Naja Naja

Panther

Panthera

Emu

Dromaius Novacholla

Rat Snake

Ptyas Mucosa

Baboon

Papio

Giraffe

Giraffa

Zebra

Equus Quagga

Peacock

Pavo Cristatus

Brown Bear

Ursus Arctos

Camel

Camelus Bactrianus

Duck

Anatidae

Panda

Ailuropoda Melanoleuca

18



Names

Scientific Names

Gorilla

Gorillas

Ostrich

Struthio Camelus

Swan

Cygnus

Pigeon

Columbidae

Deer

Cervidae

Kangaroo

Macropus

Monkey

Cercopithecidae

Chimpanzee

Pan

Rhinoceros

Rhinocerotidae

Hippopotamus

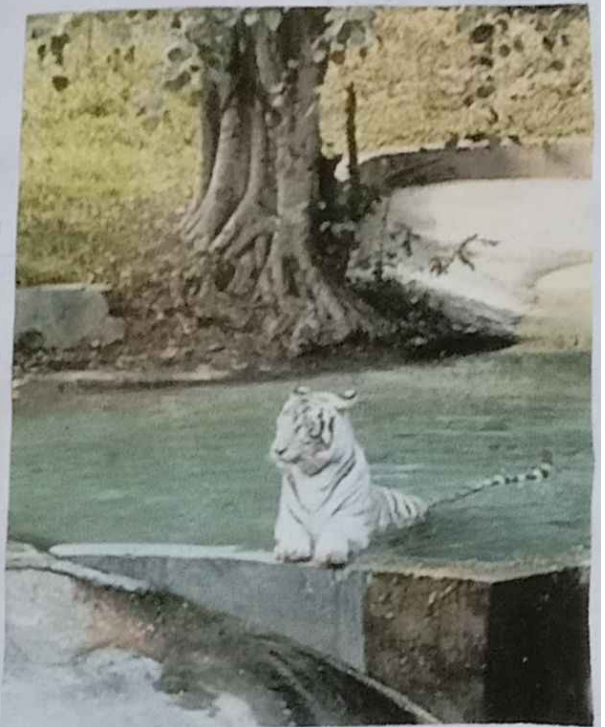
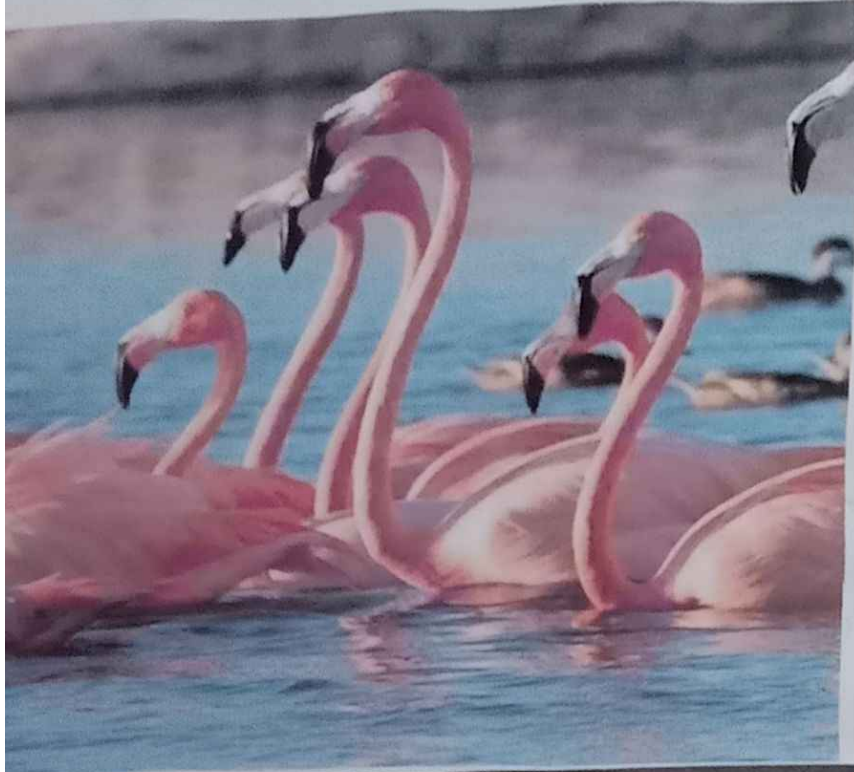
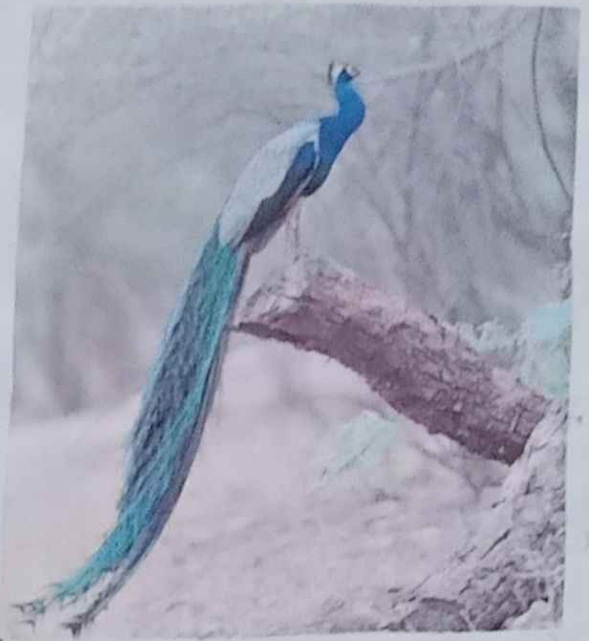
Hippopotamus Amphibious

Bengal Tiger

Panthera Tigris

Neel Gava

Boselaphus Tragocamelus



# THREATS →

Atmospheric pollution, war among animals, lack of food, global warming are some known threats to the eco-system but some others like

Snake Bite 44%

Disease Outbreak 32%

Flood & Sewage Backflow 16%

Fire Incidents 10.7%

also prove dangerous for the survival of animals and birds.

Sometimes, migratory birds bring diseases with them and the Covid 19 pandemic itself proved very hazardous for all.

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Handwritten notes in the top right corner, possibly describing the birds or the person.



Handwritten notes in the middle left area, possibly identifying the elephant or the structure.



Handwritten notes in the bottom right area, possibly related to the macaws or the time shown in the photo.



# MEASURES →

The Government of India tries its level-best to sought out the problems (threats) to the zoo.

The maintainence of cleanliness all-around the zoo is a big deal but is still very efficiently done by the concerned authorities.

Time to time survey and researches go on for the same. The cages are disinfected thrice daily.

At times of flu spread chicken from NCR is not bought for the animals in the zoo.

People are not allowed to bring any food or heavy items with them for the security of animals and birds.



Handwritten text in Hindi, likely describing the plant shown in the photograph above. The text is somewhat faint and difficult to read precisely.



# BENEFITS →

The Delhi Zoological Park provides Eco-System Services worth INR 55,209.45 crores. This is the total, one time cost of the benefit obtained from the zoo.

Mr. Prakash Javrekar launched a report published by Central Zoo Authority (CZA) that annual eco-system services worth INR 422.76 crores per year are received by the govt. from the Delhi Zoo.

The annual eco-system service calculations include aspects such as bio-diversity conservation, employment generation, carbon sequestration, education and research, recreations and cultural benefits too.

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# BIBLIOGRAPHY →

(a) Wildlife SOS

(b) Getty Images

(c) Shutterstock.com

(d) Dreamstime.com

(e) Alamy Stock Photo

(f) www.one tourism

(g) NBT (Nav Bharat Times)