



NATIONAL AND INTERNATIONAL ORGANIZATIONS AND INSTITUTIONS LINKED TO WILD AND ZOO ANIMALS – ROLE AND FUNCTIONS

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National

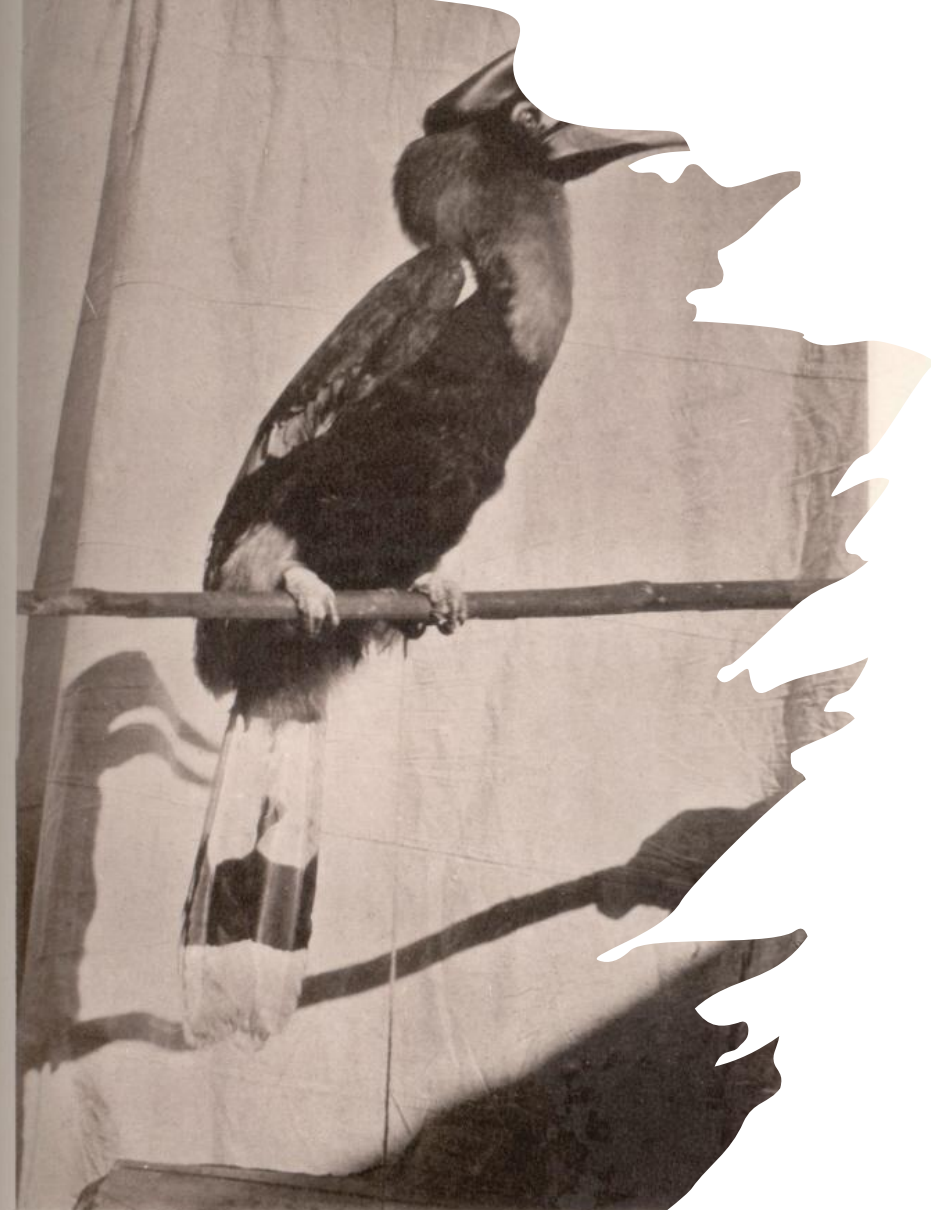
- Bombay Natural History Society (BNHS)
- Wildlife Institute of India (WII)
- Indian Board For Wildlife (IBWL)
- Botanical Survey of India(BSI)
- Zoological Survey of India (ZSI)
- Indian Institute of Sciences(IIS)
- Wildlife Protection Society of India (WPSI)
- Central Zoo Authority(CZA)
- National Board for Wildlife(NBWL)
- Wildlife Trust of India(WTI)



Bombay Natural History Society (BNHS)

BNHS

- The **Bombay Natural History Society**, founded on 15 September 1883, is one of the largest non-governmental organisations in India engaged in conservation and biodiversity research.
- BNHS is the partner of BirdLife International in India.
- Many prominent naturalists, including the ornithologists Sálim Ali and S. Dillon Ripley, have been associated with it.



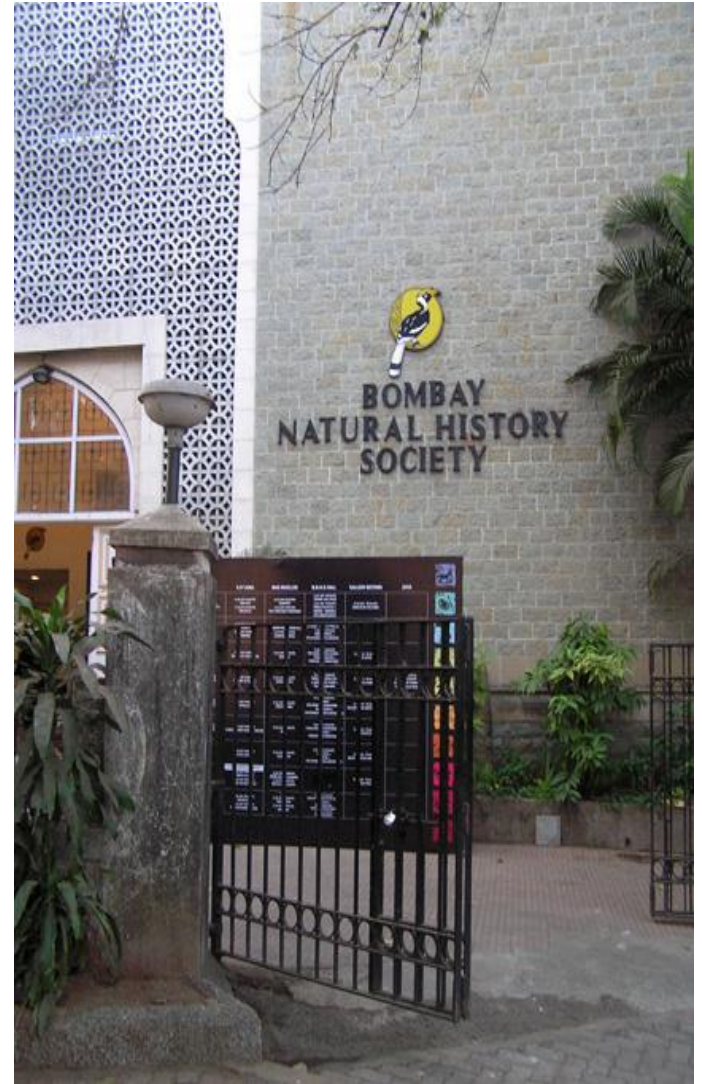
Photographed by E. Comber.

Mounted by

THE GREAT HORNBILL.

Dichoceros bicornis.

From a live specimen in the Society's B





SALIM ALI



The Birdman of India

Once rewarded with Rs 5 Lakhs, but he donated all the money to Bombay Natural History Society

One of the very first scientists to carry out systematic bird surveys

Author of 'The Book of Indian Birds'

Contributed to the wildlife and nature conservation

Key person behind the creation of Bharatpur Bird Sanctuary

Born: 12 November 1896

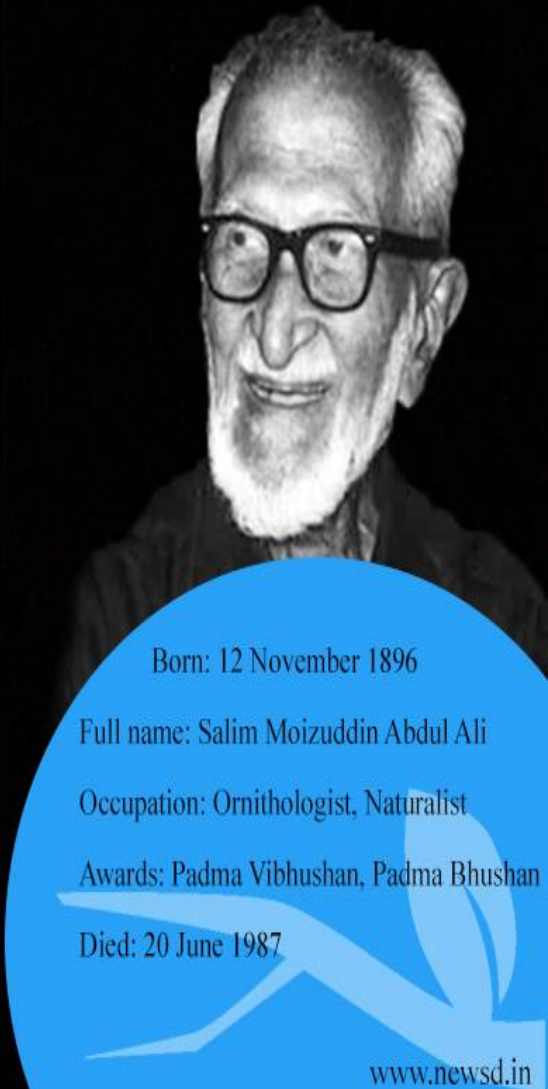
Full name: Salim Moizuddin Abdul Ali

Occupation: Ornithologist, Naturalist

Awards: Padma Vibhushan, Padma Bhushan

Died: 20 June 1987

“ I Suppose I've done my bit, it's now up to you younger people ”





WildLife Institute of
India (WII)

WII

- The **Wildlife Institute of India** (WII), an autonomous institution under the Ministry of Environment Forest and Climate change, Government of India, was established in 1982.
- The institute is based in Dehradun, India.
- It is located in Chandrabani, which is close to the southern forests of Dehradun.
- It is close to Rajaji National Park.
- It is the training centre for India Forest Service Officers.

Bombay Natural History Society (BNHS)

- It is the largest Non-government organization engaged in nature conservation research. The role and functions were mainly related to the fact that conservation must be based on scientific view. Dr.Salim Ali was the first Indian Honorary Secretary in this organization.

Wildlife Institute of India (WII)

This institution was established in Dehradun in 1982 with an objective of becoming a significant centre for wildlife training, research, publication and extension in India. The functions and roles are related to the followings:

- Training of personnel for protected area management and wildlife research
- Training of education and extension specialists for protected area management and wildlife research
- Offering of orientation courses for those who are involved in land use management
- Provision of advisory and consultant service to central and state governmental agencies , universities, colleges, institutions and other official and non-official agencies.
- Creation of databases by employing modern computerized analytical techniques.
- To conduct and co-ordinate applied wildlife research.

- **Indian Board For Wildlife (IBWL)**

- Prevents cruelty against birds and beasts caught alive.
- Promotes public involvement in wildlife and its preservation in harmony with natural and human environment.
- 1st phase of IBWL was confined to protection of wildlife from poachers and unscrupulous hunters.
- 2nd phase was associated with development and creation of National Parks and Sanctuaries where threatened species are protected.
- 3rd phase was associated to the detailed study and improvement in the existing food and water reserves, offering of effective protection to threatened species and fast development of wildlife sanctuaries

- **Botanical Survey of India(BSI)**

- . Carries out surveys on faunal resources of India.

- **Zoological Survey of India (ZSI)**

- . Carries out surveys on the faunal resources of India.

- . ZSI has published the Red Data Book on Indian animals.

- **Indian Institute of Sciences(IIS)**

- . This is located at Bangalore and is involved in studies on ecology and wildlife of Western Ghats.



भारतीय वनस्पति सर्वेक्षण
BOTANICAL SURVEY OF INDIA







- **Wildlife Protection Society of India (WPSI)**
- It is a NGO founded in 1958 at Dehradun. Promotes interest and knowledge among people in the field of preservation and conservation of all kinds of fauna and flora and management.
- Supports in enforcement of wildlife protection act.
- Promotes wildlife tourism.
- Co-operates with state Government of India as well as other societies and institutions for the interest of wildlife protection.
- Protects, propagates and conserves the wildlife.



W I P S I

Logo of Wildlife Protection
Society of India

- **Central Zoo Authority(CZA)**

- This is the highly empowered statutory body established in 1992.

- **Main functions are:**

- To specify the minimum standards for housing and veterinary care of the zoo animals.

- To provide technical and other assistance to zoos for their proper management.

- To identify endangered species of wild animals for the purpose of captive breeding.

- To recognize or derecognize zoos

- To evaluate the functioning of a zoo.

- To co-ordinate research in captive breeding and educational programmes

- To ensure maintenance of stud book of endangered species of wild animals bred in captivity.

- To restrict the power of a zoo regarding acquisition or transfer of any wild animal specified in schedule I and II.



Central Zoo Authority
केन्द्रीय चिड़ियाघर प्राधिकरण



CENTRAL ZOO AUTHORITY

STATUTORY BODY OF THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(GOVERNMENT OF INDIA)



सत्यमेव जयते

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[PUBLIC INFORMATION](#) ▾

[NOTIFICATION](#) ▾

[DEVELOPMENT AND PLANNING](#) ▾

[LEGISLATION, POLICY AND GUIDELINES](#) ▾

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CONSTITUTION OF CENTRAL ZOO AUTHORITY



Shri Prakash Javadekar

Hon'ble Minister for
Environment, Forest & Climate
Change, Chairperson, CZA



Shri Rameshwar P.Gupta

Secretary, MoEF&CC, GoI



Shri Sanjay Kumar

DGF&SS, MoEF&CC, GoI



Shri Soumitra Dasgupta

ADG of Forest (WL),
MoEF&CC, GoI

National Board for Wildlife(NBWL)

- Started in 1952. This is the highest advisory body of the Government of India regarding wildlife.
- It is instrumental for legislation of wildlife protection act and guides central and state government on matters pertaining to wildlife through legislative and practical measures.
- Helps to solve the policy matters.
- **Wildlife Trust of India(WTI)**
- It is a non-profit conservation organization located in Delhi.
- It works on conservation related programmes in India through a team of professionals comprising of biologists, veterinarians, communication specialists , lawyers , etc.
- This organization has special programmes pertaining to sloth bear. Elephant, tiger, rhinoceros , etc.
- Department of Wildlife Science, Tamilnadu Veterinary and Animal Sciences University, Chennai and Centre for Wildlife Forensic and Health, M.P. Veterinary University, Jabalpur and Indian Veterinary Research Institute, Bareilly, UP state and Karnataka Veterinary, Animal and Fisheries Sciences University, Karnataka state :
- These institutions are currently involving in teaching, research and extension activities pertaining to wildlife science.

Wildlife Trust of India's (WTI) Rapid Response Team (RRT) and Uttar Pradesh's Forest Department rescued a tigress from getting lynched by angry villagers after the big cat killed a local.



INTERNATIONAL INSTITUTIONS AND ORGANIZATIONS

International Union For Conservation of Nature and Natural Resources (IUCN)

- Now called as World Conservation Union. It is the world's largest and most important conservation network. It is a multi-lingual, multi-cultural organization.
- **Role and Functions**
- It links both research and results to local, national, regional and global policy by convening dialogues between Governments, civil society and private sector.
- It supports and develops cutting-edge conservation science and implements this research in field projects around the world.
- It facilitates paths for peace between countries in areas of conflict and works with the corporate sector on energy and bio-diversity.
- Species Survival Commission (SSC) is one of the Commissions of IUCN which has aim of conservation of bio-diversity.



THE RED LIST CATEGORIES

Extinct



Extinct (EX): no reasonable doubt that the last individual has died



Extinct in the Wild (EW): known only to survive in captivity, cultivation or well outside its natural range

Critically Endangered (CR): facing extremely high risk of extinction in the wild

Threatened



Endangered (EN): facing a very high risk of extinction in the wild,



Vulnerable (VU): facing a high risk of extinction in the wild.



Near Threatened (NT): close to qualifying, or likely to qualify for a threatened category in the near future

Least Concern



Least Concern (LC): population is stable enough that it is unlikely to face extinction in the near future



Data Deficient (DD): not enough information on abundance or distribution to estimate its risk of extinction

- **Convention on International Trade in Endangered Species(CITES)**
- This organization helps to prevent the over-exploitation of wild fauna and flora. Government of India signed this convention in July 1974 and became a party to it from 18th oct, 1976.
- **Role and Functions**
- People and states are linked for best protection of their own wild fauna and flora.
- Stresses on need of International collaboration.
- Stresses on need of undergoing the ever-growing value of wild fauna and flora from aesthetic, scientific, cultural , recreational and economic point of view.
- Emphasizes that the wild fauna and flora in their many beautiful varied forms are on irreplaceable part of the natural systems of the earth



©

International

- International Union for Conservation of Nature and Natural Resources (ICUN)
- Convention on International Trade in Endangered Species (CITES)
- United Nations Development Programme (UNDP)
- Food and Agriculture Organization (FAO)
- Trade Records Analysis of Flora and Fauna in Commerce (TRAFFIC)
- United Nations Educational, Scientific and Cultural Organizations (UNESCO)
- World Wide Fund for Nature (WWF)
- Zoological Society of India(ZSL)
- Royal School of Veterinary Studies



Ivonne Higuero
Secretary-General
CITES

“Global efforts by CITES Parties to develop livelihoods and economic opportunities that emphasize species and ecosystem conservation and sustainable use benefit greatly from the framework established by the BioTrade Principles.”

Launch of the 2020 BioTrade Principles and Criteria:

CITES Secretary-General Ivonne Higuero's opening remarks for the launch of the Revised Principles and Criteria of the BioTrade Initiative



United Nations Development Programme (UNDP) and Food and Agriculture Organization (FAO):

- These organizations are associated with all features of conservation, in general.

Trade Records Analysis of Flora and Fauna in Commerce (TRAFFIC)

- It is a wildlife trade watch group of IUCN and WWF for nature.
- Started in 1975 with the aim of monitoring wildlife trade worldwide.
- It collects and analyses the data on wildlife trade.
- TRAFFIC – India was established on 1/01/1992 as a division of WWF – India and a part of global TRAFFIC network.

United Nations Educational, Scientific and Cultural Organization (UNESCO)

- It launched man and bio-diversity programme



FAO



United Nations
Development Programme



- **World Wide Fund for Nature (WWF)**
- It was set up in 1961 and giant panda is the official symbol of WWF .
- It was earlier called as world wildlife fund but in 1990 it was renamed as world wide fund for nature.
- **Role and Functions**
- It helps to raise funds for urgent conservation requirements and promoting conservation through the world wide education campaign and public consciousness. Grants are raised by donations from public, heritable foundations, regular members, etc.
- **OTHER INSTITUTIONS AND ORGANIZATIONS**
- **International Commission on Zoological Nomenclature (ICZN)**
- **International Commission on Botanical Nomenclature (ICBN)**
- **Global Tiger Forum (GTF)**
- It is an International platform to discuss features pertaining to the protection of tiger population in the world.
- **Role and Functions**
- Establishment of wildlife sanctuaries and national parks
- Establishment of special squad to discover poaching etc.
- Focuses on welfare of tiger-populations.



INTERNATIONAL CODE OF
ZOOLOGICAL NOMENCLATURE

ADOPTED BY THE

XX GENERAL ASSEMBLY
OF THE INTERNATIONAL UNION
OF BIOLOGICAL SCIENCES



CAROLI LINNÆI

S:Æ RIGIÆ M:ITIS SVECIÆ ARCHIATRI; MEDIC. & BOTAN.
PROFESS. UPSAL; EQUITIS AUR. DE STELLA POLARI;
HCC HON ACAD. IMPER. MONSPEL. BEROL. TOLOS.
UPSAL. STOCKH. SOC. & PARIS. CORESP.

**SPECIES
PLANTARUM,**

EXHIBENTES

PLANTAS RITE COGNITAS,

AD

GENERA RELATAS,

CUM

DIFFERENTIIS SPECIFICIS,
NOMINIBUS TRIVIALIBUS,
SYNONYMIS SELECTIS,
LOCIS NATALIBUS,

SECUNDUM

SYSTEMA SEXUALE

DIGESTAS.

TOMUS I.

Cum Privilegio S. R. M:itis Sveciæ & S. R. M:itis Poloniæ ac Electoris Saxon.

HOLMIÆ,
IMPENSIS LAURENTII SALVII.
1753.

C. Appelgren



GTF

LOGO



- **Tiger Conservation Society (TCS)**

- Voluntary participation and raising of funds for conservation of tigers.
- Obtaining of international co-operation from countries known for existence of tigers.
- Improvement of tiger habitat and to promote conservation of tigers, ultimately

ZSL



- **London Zoo** is the world's oldest scientific [zoo](#).
- It was opened in [London](#) on 27 April 1828.
- It is managed under the aegis of the [Zoological Society of London](#) (established in 1826).

Interventions in Wild Animal Health

27th January - 13th February, 2020

Sariska Tiger Reserve, Rajasthan

ZSL

Wildlife Health Services
Wildlife Institute of India



Training Course on Health Management of Captive Wild Animals

for Faculty Members of Bihar Veterinary college & Veterinary Officers of Bihar & UP Forest Department
21-26 January, 2020



Sitting Row :- Dr. Kafil Hussain, Dr. Bitapi C Sinha, Dr. Y.V. Jhala, Dr. P.K. Malik (Course Director), Dr. Dhananjai Mohan (Director W.I.I.), Sh. P.R. Singh, Dr. D.V.S Khati, Dr. D.N. Singh, Dr. S.K. Gupta, Dr. Parag Nigam, Dr. Monali Sen, Dr. Lallianpuii Kawlni,
Standing Row 1:- Dr. Kaushal Kumar, Dr. R.R.K. Sinha, Dr. Ajit Kumar, Dr. Gyan Dev Singh, Dr. Ravikant Nirala, Dr. Sanjay Kumar, Dr. Deepak Kumar, Dr. R.K. Pandey, Dr. Yogesh Pratap Singh, Dr. Pallav Shekhar, Dr. Ramesh Tiwary, Sh. C.P. Sharma, Sh. K.K. Shrivastava
Standing Row 2:- Dr. Anupam Srivastava, Dr. Animesh Talukdar, Dr. Alok Kumar, Dr. Pramod Kumar, Dr. Sarvesh Rai,