

ANNUAL REPORT

2002-2003



केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

**Twelfth Annual
Report
(2002-2003)**

CENTRAL ZOO AUTHORITY
(Statutory Body Under the Ministry of
Environment & Forests, Government of India)

Headquarter
Annexe VI, Bikaner House
Shahjahan Road,
New Delhi-110011.

CHAPTER-I

THE CENTRAL ZOO AUTHORITY

Central Zoo Authority (CZA) was established in February, 1992, with the objective of overseeing the management of zoos and provide them necessary technical and financial inputs to come upto the desired level of management.

The statutory functions of the Authority under the Wild Life (Protection) Act, 1972 are :-

- to specify the minimum standards for housing, upkeep and veterinary care of the animals kept in a zoo;
- to evaluate and assess the functioning of the zoos with respect to the prescribed standards or norms;
- to recognise or derecognise zoos;
- to identify endangered species of wild animals for purposes of captive breeding and assigning responsibility in this regard to a zoo;
- to coordinate the acquisition, exchange and loaning of animals for breeding purpose;
- to ensure maintenance of studbooks of endangered species of wild animals bred in captivity;
- to identify priorities and themes with regard to display of captive animals in zoos;
- to coordinate training of zoo personnel in India and outside India;

- to coordinate research in captive breeding and educational programmes for the purposes of zoos;
- to provide technical and other assistance to zoos for their proper management and development on scientific lines;
- to perform such other functions as may be necessary to carry out the purposes of this Act with regard to zoos.

RECONSTITUTION OF THE AUTHORITY

The Central Government, in exercise of the powers conferred by Section 38A and sub-section (1) of Section 38B of the Wild Life (Protection) Act, 1972, has reconstituted the CZA for the fourth time, through Gazette Notification No. SO 195 (E) dated 2nd March, 2001.

MEMBERS OF THE AUTHORITY

The Minister of Environment & Forests is the ex-officio Chairman of the CZA. Other members of the Authority are :

i) OFFICIAL MEMBERS

1. Secretary to the Government of India, Ministry of Environment & Forests
2. Director General of Forests & Special Secretary, Ministry of Environment & Forests
3. Additional Director General of Forests (Wildlife), Ministry of Environment & Forests

ii) NON-OFFICIAL MEMBERS

1. Shri P.M. Lad, Former Chief Wildlife Warden, Madhya Pradesh.
2. Prof. Mathew C. John, Former Prof. & Head of Wildlife Science, Madras Vet. College, Chennai
3. Ms. Jaishree Jethwaney, Prof., Indian Institute of Mass Communication, JNU, New Delhi.
4. Shri J.C. Daniel, Former Director, Bombay Natural History Society, Mumbai.
5. Dr. Satnam Ahuja, Honorary Director, AHIMSA, Mumbai
6. Shri S.C.Sharma, Former Addl.D.G.F(WL), Govt. of India
7. Shri R. Rathnagiri, Thinkers Forum, Thanjavaur, Tamil Nadu.

iii) PERMANENT INVITEES

To obtain greater technical inputs in the deliberations of the CZA, following ex-officio members have been nominated as permanent invitees to the meetings of the Authority :

1. Director, Wildlife Institute of India, Dehradun.
2. President, Veterinary Council of India, New Delhi;
3. Director, School of Planning & Architecture, New Delhi
4. President, Indian Zoo Directors' Association
5. President, Association of Indian Zoos & Wildlife Veterinarians;

Shri P.R. Sinha is the Member Secretary of the Authority at present.

TECHNICAL COMMITTEE

The evaluation of zoos is done with respect to prescribed standards and

norms under the Act and recognition is granted only to such zoos which have potential to come upto prescribed standards of management. The recognition to zoos is granted subject to the condition that they will redress their shortcomings within a prescribed period of time. The CZA provides financial and technical assistance to achieve this goal. A Technical Committee comprising of following members has been constituted to oversee these functions: -

1. Addl.D.G.F(WL), Ministry of Environment & Forests - Chairman
2. Dr. (Ms.) Satnam Ahuja, Hon. Director, AHIMSA, Mumbai - Member
3. Shri S.C.Sharma, Former Addl.D.G.F(WL), GOI - Member
4. Dr. B.M. Arora, President, Association of Indian Zoos & Wildlife Veterinarians - Member
5. Dr. Ashok Singh, Former Chief Wildlife Warden, Uttar Pradesh - Member
6. Director, Wildlife Institute of India, - Member
7. Director (IFD), Ministry of Environment & Forests. - Member

The Member Secretary of the Authority is the Convenor of the Committee.

DESIGN COMMITTEE

Since designing of zoos requires considerable specialisation and technical inputs from several disciplines, a Design committee has been constituted, for advising the zoos in upgrading and improving the enclosures of animals, with following members

1. Shri R.S. Bhadauria, Former PCCF, Uttar Pradesh.
2. Shri T. Ramakrishna, Addl. PCCF, Andhra Pradesh.
3. Shri S.K. Patnaik, Former Chief Wild Life Warden, Orissa.
4. Prof. Surendra Suneja, Head, Dept. of Landscape & Architecture, School of Planning and Architecture, New Delhi
5. Superintending Engineer, CCU, Ministry of Environment and Forests.

The Member Secretary of CZA is the Convenor of the Committee:

ADMINISTRATIVE COMMITTEE

It has been the endeavour of the Authority that administrative expenditure are kept at a minimum level and major component of Grant-in- Aid of the Central Government is utilised

for improvement of Zoos. With this objective in view, an Administrative Committee has been setup to look into financial and administrative matters of the Authority. The composition of the Committee is as under:

1. Director General of Forests & Special Secretary, Ministry of Environment & Forests - Chairman
2. Addl. Director General of Forests (Wildlife), Ministry of Environment of Forests - Member
3. Financial Advisor, Ministry of Environment & Forests - Member
4. Joint Secretary (Admn), Ministry of Environment & Forests - Member
5. Director, Wildlife Institute of India, - Member

The Member Secretary of the Authority is the Convenor of the Committee.



CZA in its meeting

Pic. CZA Library

IMPORTANT INITIATIVES TAKEN BY THE CENTRAL ZOO AUTHORITY DURING THE YEAR



Pic. CZA Library

A seized star tortoise

1. The Central Zoo Authority took initiative and coordinated with the CITES authorities at Singapore & their Indian counterparts in the Ministry of Environment & Forests, the Wildlife Institute of India and Andhra Pradesh Forest Department, to bring back 1830 star tortoises into the country, which were seized by the Singapore authorities. At present these tortoises have been rehabilitated at Nehru Zoological Park, Hyderabad. A strategy for their final rehabilitation in the wild has also been drawn up and is under implementation.

2. A planned breeding programme for the Lion Tailed macaques in few select zoos in the country was drawn up and is under implementation. The main aim

of this programme is to build a viable population of the species in Indian zoos. The programme is being coordinated by the Director, Arignar Anna Zoological Park, Chennai with technical inputs from Dr. Mewa Singh, Chairperson, Dept. of Psychology, University of Mysore & Dr. Ajith Kumar, Principal Scientist & Head, Division of Conservation Biology, Salim Ali Centre for Ornithology and Natural History(SACON), Coimbatore.

3. It is mandatory under the Recognition of Zoo Rules, 1992 to carry out regular health checkup of the staff posted in zoos. However, due to paucity of funds, many zoos are not able to comply with this stipulation. The Central Zoo Authority therefore has decided to grant annual financial assistance upto

a maximum of Rs. 10,000/- to needy large & medium category zoos and Rs. 5000/- to small zoos for carrying out regular health checkup of the staff.

4. To provide specialized diagnostic facility for proper diagnosis of diseases affecting the zoo animals, financial assistance was approved to two veterinary institutions, namely, Madras Veterinary College, Chennai and Assam Veterinary College, Guwahati. These institutions will extend support in investigation and monitoring of wild animal diseases to the zoos located in their respective zones.

5. During the year an ex-gratia compensation of Rs. 10.20 lakhs was provided to seven mobile zoo owners of Uttar Pradesh and Rajasthan. These mobile zoo owners had earlier surrendered their animals as per the directive of the Hon'ble High Court,

Delhi and were facing hardship due to loss of livelihood.

6. With a view to modernize the zoos in the country; the Central Zoo Authority took initiative in finalizing of the master layout plans of Kamla Nehru Prani Sangrahalaya (Indore Zoo) in Madhya Pradesh & Aizwal Zoo in Mizoram. The Indore zoo is being made de novo at its existing site, whereas the Aizwal zoo is being developed at a new site.

7. To bring greater transparency in management of zoos and to facilitate exchange of animals for making viable social group, inventory of animals giving details of birth and death, species-wise, was published and distributed among zoo managers, animals welfare organizations, research institutions and other concerned organizations.



A male LTM in AAZP, Chennai

Pic. CZA Library

CHAPTER - III

EVALUATION MONITORING AND DEVELOPMENT OF ZOOS



Pic. B. V. Churra

New hoolock gibbon enclosure at Aizwal Zoo

I. EVALUATION LARGE, MEDIUM, SMALL & MINI ZOOS :

Four large, 6 medium , 2 small and 13 mini zoos were got evaluated during the year. The list of zoos evaluated is placed at **Annexure- I**. The number of zoos granted recognition and zoos refused recognition during the year is given at **Annexure-II**

II. MONITORING

With a view to monitor the status of implementation of standards and norms laid down under the Recognition of Zoo Rules, 1992, the Central Zoo Authority kept on pursuing the State Govt. to close down badly managed zoos in the country.

During the end of the year, there were 164 recognised zoos in the country. It has been decided to review the cases of 91 zoos, which were earlier refused recognition but have not since been closed, for re-recognition. Total zoos, which stood closed were 91. The detailed list of recognised zoos, zoos not granted recognition and zoos which have closed their operation at the end of the year 2002-2003 is at **Annexure-III**

III. IMPROVEMENTS IN THE ZOOS

During the year the Design Committee met on 19th June, 2002, 3rd September, 2002 and 17th January, 2003. The Committee reviewed the designs of animal enclosures and layout plans submitted by different zoos. During this period, besides approving

designs of various animal enclosures to be constructed in zoos, the Committee also approved layout plans of Kamla Nehru Prani Sangrahalaya, Indore and Aizwal Zoo at the new site at Sairang.

CZA continued its efforts to provide assistance to zoos for improving the existing housing facilities as well as for construction of new enclosures for zoo animals. An amount of Rs.578 lakhs was released during the year under report, as financial assistance to zoos for improvement and construction of new & naturalistic animal enclosures.

New naturalistic enclosures for different species were constructed at:

Sl.No.	Name of the Zoo	Species for which new naturalistic enclosure were constructed
1.	Biological Park, Chidiatapu, A&N Island	Crab eating macaque
2	Assam State Zoo, Guwahati, Assam	1. Common langur, 2. Himalayan black bear
3.	Nature Park, Surat, Gujarat	1. Blackbuck, 2. Chinkara, 3. Hyena 4. Four horned antelope
4.	Gandhi Zoological Park, Gwalior, Madhya Pradesh	1. Common langur, 2. Jackal enclosure 3. Blackbuck
5.	Rajiv Gandhi Zoological Park, Pune, Maharashtra	Leopard
6.	Aizwal Zoo, Sairang, Mizoram	1. Himalayan black bear, 2. Hoolock Gibbon 3. Assamese macaque, 4. Barking deer
7.	Kanpur Zoo, Uttar Pradesh	One horned Rhino
8.	Pt. Govind Ballabh Pant High Altitude Zoo, Nainital, Uttranchal	Common Leopard
9.	Padmaja Naidu Himalayan Zoological Park, Darjeeling, West Bengal	1. Takin, 2. Tibetan Wolf
10.	Zoological Garden, Alipore, West Bengal	Lion



Pic PNHZH Zoo, Darjeeling

Tibetan Wolfes in Darjeeling Zoo

CHAPTER –IV

PLANNED BREEDING OF ENDANGERED SPECIES

With continued technical and financial support by the CZA, there has been a qualitative improvement in the standard of housing, upkeep and health care of zoo animals. These improvements have manifested in successful breeding in many endangered species particularly Hornbill, Bhutan grey peacock pheasant, nicobar pigeon, four horned antelope, binturong, leopard cat, sangai, swamp deer, gaur, nilgiri langur, snow leopard, one horned rhino, wolf, chameleon, monitor lizard, python and russel's viper.

With a view to initiate planned breeding of endangered pheasants in the country, the Central Zoo Authority

in association with the World Pheasant Association has initiated a programme for application of closed rings in pheasants. This year also rings were applied in Bhutan grey peacock pheasant at Alipore zoo and Red Jungle fowl in National Zoological Park, Delhi and Kufri, Shimla. Only the chicks are being applied closed rings. The zoos have been asked to maintain records relating to the parentage, sex etc. with respect to each of the marked pheasants:

Proper documentation of the genetics of captive bred animals holds the key for avoiding inbreeding. With this objective, Wildlife Institute of India (WII), Dehradun, was awarded a project for compilation of studbooks for five species namely one horned



Pic. CZA Library

Yellow Monitor Lizard in Calcutta Snake Park, Badu

rhinoceros, Indian lion, Bengal tiger, lion tailed macaque and golden langur. The studbooks were compiled and circulated to the Zoos displaying the animals. The Studbooks were also sent to respective International Studbook Keepers, so that the data from India could be incorporated in the international database. WII has been again awarded the work for maintaining the studbooks for the year 2001-2002.

Exchange programme

During the year, the Technical Committee of the CZA met on 21st June,

2002, 5th September, 2002 and 27th November, 2002. The Committee reviewed exchange proposals submitted by zoos. On the basis of the decisions taken by the Committee and under the powers delegated to the Member Secretary in this regard, proposals for exchange, loaning and gifting of zoo animals within the country and zoos abroad were approved. The list of approved proposals is placed at **Annexure -IV**. List of birth of animals of important endangered species which occurred during the year under report is at **Annexure-V**.



Pic. WPA India

Red Jungle Fowl in Kufri Zoo, Shimla

CHAPTER-V HEALTH CARE OF ZOO ANIMALS

The expertise available with the zoos in management of the captive wild animals is inadequate, with the result that there is high rate of mortality among the zoo animals. With a view to generate awareness among zoo veterinarians about the need for having a systematic and scientific approach towards this aspect, the Association of Indian Zoo and Wildlife Veterinarians organised a "National Workshop on Management of Rare and Endangered Wild Animals and their Neonatal Care", at Thiruvananthapuram- between 25th-27th April 2002. An amount of Rs.4.27 lakhs was given as grant to the organization for conducting the workshop.

As part of the ongoing project on strengthening of diagnostic facilities in identified veterinary universities/ colleges, the Authority during the year released Rs.10.0 lakhs to Sher -E - Kashmir University of Agriculture and Technology, Jammu; Rs.16.15 lakhs to

Orissa University of Agriculture and Technology, Bhubaneswar; Rs.42.68 lakhs to Tamil Nadu University of Veterinary and Animal Sciences, Chennai and Rs.22.45 lakhs to Assam Agriculture University, Jorhat.

In order to provide technical assistance to the zoo managers and veterinarians, the CZA decided to bring out a manual on "Basic post mortem requisites for zoo veterinarians written by Dr. Mathew C. John & et.al and a handbook on the "Protocol & Post-mortem Procedure for Elephant" written by Dr. Jacob V Cheeran.

The CZA during the year under report provided Rs.67.71lakhs to the Indian zoos for upgrading the veterinary and health care facilities. New hospitals and treatment rooms were commissioned at Rajiv Gandhi Zoological Park, Pune in Maharashtra; Assam State Zoo, Guwahati in Assam and Aizwal Zoo, Sairang in Mizoram.



Pic.: B.V. Chumna

Newly Constructed Veterinary Unit at Aizwal Zoo

RESEARCH & TRAINING

(A) ***Establishment of Laboratory for Conservation of Endangered Species (LaCONES):***

In order to make use of biotechnological intervention for the conservation of endangered animals (lions, tigers etc.), it was decided in 1998 to undertake the Project of Laboratory for Conservation of Endangered Species (LaCONES) with the collaboration of three parties, e.g. the Department of Biotechnology (DBT), Central Zoo Authority (CZA) and the Government of Andhra Pradesh. The genesis of establishment of LaCONES, however, goes back to 1993 when certain attempts were made to take out the genetic material out of the country which were stalled by Ministry of Environment & Forests. It was at this stage that the Ministry of Environment & Forests carried out an exercise to locate a suitable institute to undertake DNA characterization and cryo-preservation of the samples. Centre for Cellular & Molecular Biology (CCMB), Hyderabad, a centre of excellence under the (CSIR) Council of Scientific & Industrial Reserach, was identified by the Ministry for carrying out this work.

The initial cost of the LaCONES Project was proposed at Rs. 4.46 crores, out of which Rs. 2.00 crores was

provided by the CZA. The balance amount was provided by the DBT.

The foundation stone of the facility was laid by Minister for Environment & Forests, who is also Chairman of the CZA, on 16.9.2001. It became apparent by this time that the funds allocated by the CZA and DBT were not adequate to create the essential functional facility for the work of this nature and magnitude. CZA agreed to provide a further sum of Rs. 3.60 crores for construction of Phase-I of the facility provided the recurring expenditure were financed by DBT and Council of Scientific & Industrial Research (CSIR). CSIR has since agreed to provide permanent positions, utilities and maintenance of LaCONES. Authority has made a provision of Rs. 1.80 crores in its budget for 2003-04 for this purpose.

The objectives of setting up the Project are as under:

1. **Monitoring of Genetic variation by modern techniques such as DNA fingerprinting:**

In order to understand distribution of genetic variation among populations and the relationship among individuals within the population. Further, these techniques can be used in the area of wildlife forensic.

2. **Establishment of cell/gene resource bank:**

By developing methods for cryo-preservation of cells and semen, eggs and embryos of endangered species. These cells preserved under appropriate conditions could be used in the future for various purposes including cloning.

3. **Semen analysis:**

In order to study the seminal profile for selecting animals for breeding programme.

4. **Determination of ovulation:**

To achieve success in artificial insemination as well as captive breeding.

5. **Artificial insemination (AI):**

Although well established in case of domestic animals, this technique needs to be standardized for use in wild animals.

The main thrust will be on non-surgical AI which is ideal for zoo conditions. Other options will be intrauterine insemination following laparoscopy/ laparotomy.

6. ***In vitro* fertilization (IVF) and embryo transfer:**

Involves fusion of spermatozoon with oocyte carried out *in vitro* and the transfer of the resulting embryo to the true or surrogate mother, or its cryo-preservation for future.

7. **Cloning:**

This technology would be developed only for those species, which are highly endangered or in case of an already extinct animal like the Cheetah.

- (B) Wildlife Institute of India (WII) was granted financial assistance of Rs.30,000/- for carrying out a research project on "Density related behaviour of select Ungulates in four zoos of Southern India". The research project is part of the M.Sc. dissertation course conducted by the Wildlife Institute of India.

TRAINING

1. A two-week capsule course in Endangered Species and Zoo Management for Zoo managers was organised at Arignar Anna Zoological Park, Chennai and Nehru Zoological Park, Hyderabad during February 2003 in collaboration with the WII at a cost of Rs. 7.00 lakhs. 25 participants attended it.
2. Training programme for Zookeepers was organised at Kanpur Zoological Park, Kanpur (from 1.2.2003 to 11.2.2003); Kamla Nehru Zoological Park, Ahmedabad (from 20.9.2002 to 29.9.2002) and Arignar Anna Zoological Park, Chennai (from

10.12.2002 to 14.12.2002). In all 93 animal keepers were trained. Two keepers from King Mahendra Trust for Nature Conservation, Nepal also participated in the training programme at Kanpur Zoo.

3. Dr. N.Manoharan, Director, V.O.C Park Zoo, Coimbatore and Dr. Utkarsh Shukla, Veterinary

Officer, Lucknow zoo participated in a three weeks course on "*Conservation of Endangered Species and Zoos*" at Durrell Wildlife Conservation Trust, UK during July-August, 2002 The CZA provided Rs.2.29 lakhs to meet the expenditure on fees, travel and stay costs of the two officers.



Pic. CCMB, Hyderabad

Architectural Model of LACONES

RESCUE AND REHABILITATION

REHABILITATION OF ANIMALS FROM CIRCUSES:

The Government of India has put a ban on performance of lion, tiger, panther, bear and monkeys by circuses. Consequent to the ban, these animals were to be rehabilitated by creating appropriate facilities. As Indian zoos do not have adequate facilities to rehabilitate all these animals, the Central Government decided that rescue centers should be got created by the CZA in off the display areas of the various zoos. Accordingly, the CZA has established five rescue Centres at the following Zoos:

1. Arignar Anna Zoological Park, Chennai, Tamil Nadu
2. Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh
3. Sri Venkateswara Zoological Garden, Tirupathi, Andhra Pradesh
4. Bannerghatta National Park, Bangalore, Karnataka
5. Nahargarh Biological Park, Jaipur, Rajasthan

These Centres, which have been made functional, received a total of 192 lions and 40 tigers from various circuses. .

During the year an amount of Rs 56.31 lakhs was released to Bannerghatta Zoo, Rs. 29.90 lakhs to Sri Venkateshwara Zoological Park, Rs.40.16 lakhs to Indira Gandhi Zoological Park, & Rs.8.80lakhs to Nahargarh, Jaipur for maintenance and upkeep of animals these Rescue Centers.

REHABILITATION OF ANIMALS FROM CLOSED ZOOS

An amount of Rs.3 lakhs was also released to Kanpur Zoo for meeting the feeding & upkeep cost of the rescued animals from closed mobile zoos.

CHAPTER-VIII
ADMINISTRATIVE MATTERS

The position in respect of the sanctioned posts under the CZA and name of the incumbents is as follows:

Name of the Post	Scale of the Post	No. of the Post	Name of incumbent
Member Secretary	18400-22400	1	Shri P.R. Sinha
Finance Officer	8000-13500	1	Shri B.S. Rawat
Accountant	5500-9000	1	Shri R.S. Rawat
Data Processing Assistant	5000-8000	1	Shri Vivek Goel
Personal Assistant	5000-8000	2	Ms. Seema Burreja Ms. Neeti Gulati
U.D.C.	4000-7000	1	Vacant
L.D.C.	3050-4590	1	Vacant since 27/08/99
Driver	3050-4590	1	Shri Hari Singh
Peon	2550-3200	2	Shri Thakur Das
			Shri Pramod Kr. Jha

The services Shri W.C. Arora, a retired IES officer were continued to be availed during the year to attend the work of Registrar in the CZA on contract basis as per the approval given by CZA in its meeting held on 21.11.1996.

The Administrative Committee approved engagement of two scientists, two data entry operators and one LDC on contract basis for assisting the Member Secretary in carrying out the functions of the Authority. Accordingly, the services of Shri Bipul Chakrabarty were continued to be availed during the year to work as

Scientist on contract basis. Two Data Entry Operators & one LDC were engaged on contract basis. One retired person of Civil Accounts Service was engaged on contract basis against the vacant post of Accountant during the year.

One daily wages peon who was accorded temporary status in pursuance to Deptt. of Personnel and Training Order No. 51016/2/90-Estt. (c) Dated 10.9.1993, by CZA vide its Office Order dated 19.1.1998, continued to work as daily wages peon during the year.

CHAPTER-IX
FINANCIAL MATTERS

During the year, the CZA had received Rs.1225.20 lakhs as Grants-in Aid from the Ministry of Environment and Forests. Out of this, a sum of Rs. 1066.60 lakhs was released as Grant to Zoos during the year. This included Rs. 148.37lakhs for rehabilitation, feed and upkeep of rescued animals from circuses. A list of zoos, which received financial assistance from the CZA during 2002-2003, showing activity-wise details, is placed at **Annexure - VI**.

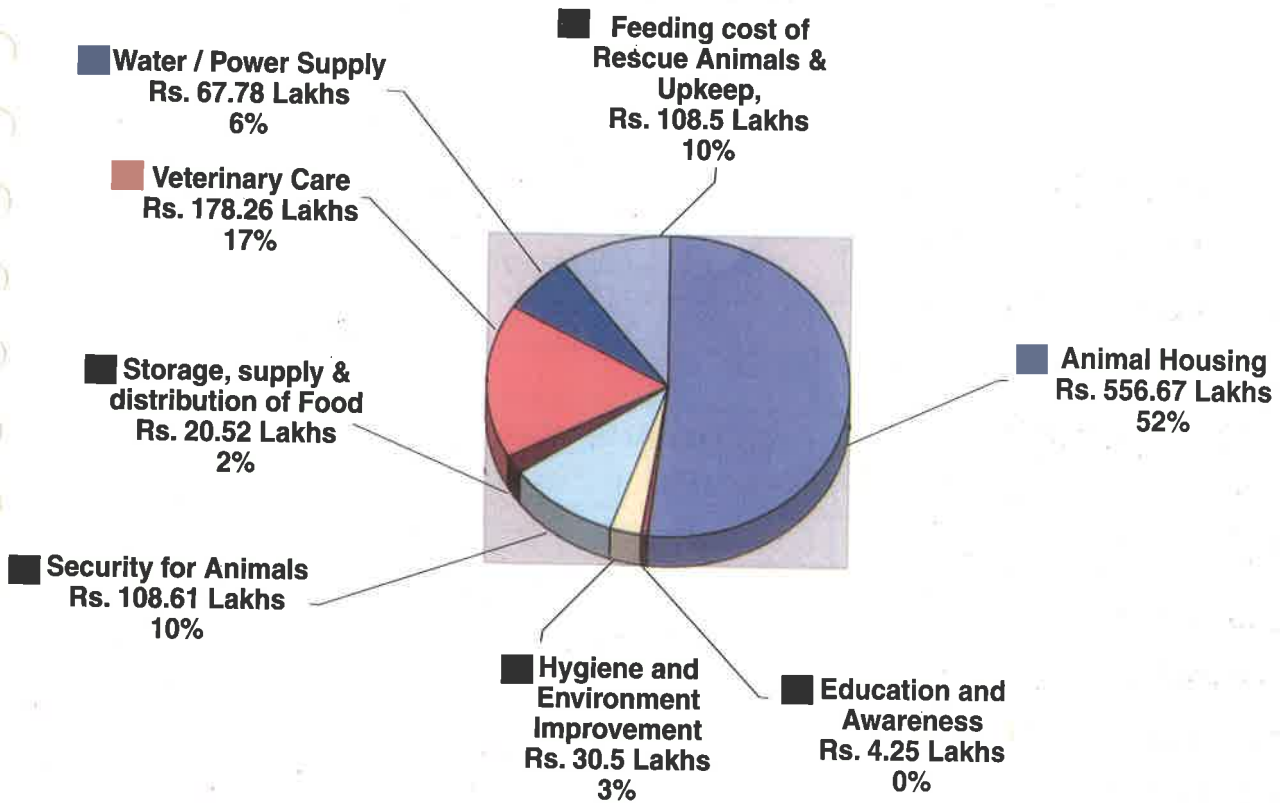
Annual Accounts & Audit

The accounts of CZA are audited by the Comptroller & Auditor General

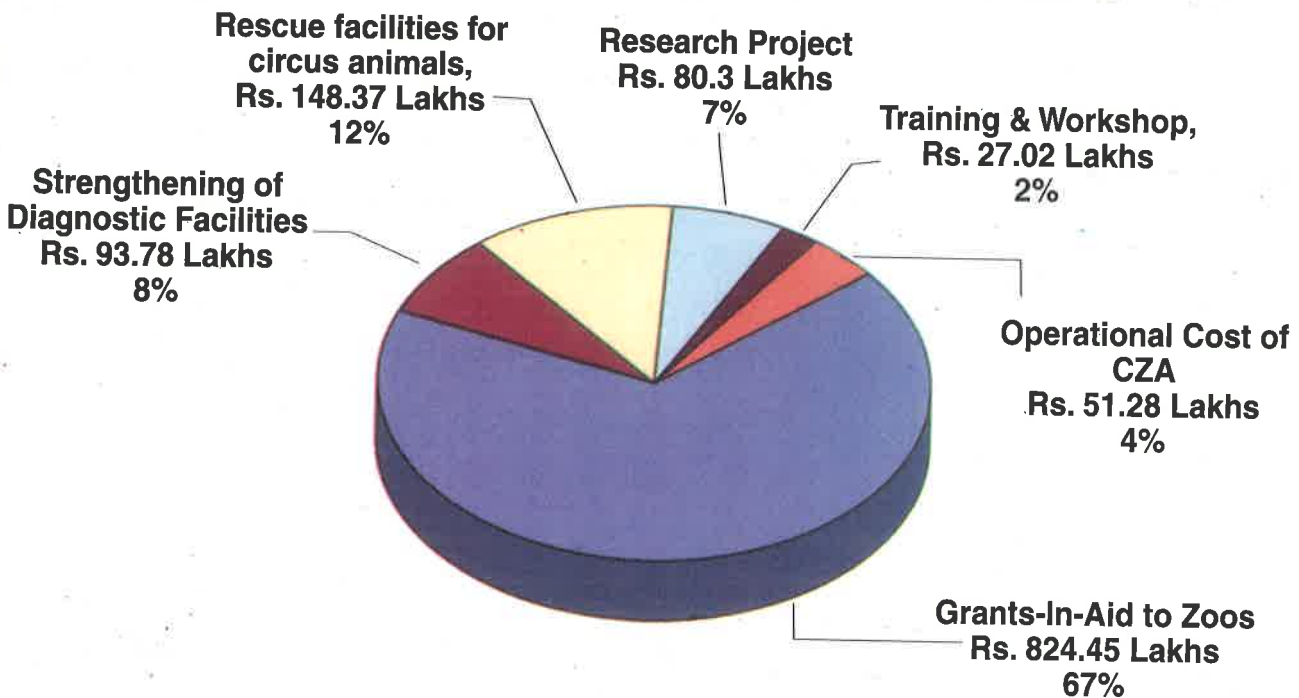
of India under Section 19 (2) of C&AG's (Duties, Powers and Conditions of Service) Act, 1971 read with Section 38E(5)&(6) of the Wild Life (Protection) Act 1972.

The annual accounts of the CZA for the year 2002-2003 were submitted to the Principal Director of Audit, Scientific Department. The Local Audit Party of the office of Principal Director of Audit have conducted on the spot audit of the Accounts of the Authority. The copies of the audited accounts for the year 2002-2003 containing Receipts & Payments Accounts, Income & Expenditure Accounts and the Balance Sheets as on 31.3.2003, with schedules, are placed at **Annexure-VII**

Grants to Zoos during the 2002-03 (Headwise)
Rs. 1066.6 Lakhs



Activitywise Breakup of Grants-in-Aid
Rs. 1225.20 lakhs



ZOOS EVALUATED DURING 2002-2003**Large Zoos**

Name of the State	Name of the zoo
Delhi	National Zoological Park, New Delhi
Gujarat	Sayaji Baug Zoo, Vadodara
Kerala	Thiruvananthapuram Zoo
Uttar Pradesh	Lucknow Zoo

Medium Zoos

Andhra Pradesh	Sri Venkateshwara Zoological Park, Tirupathi
Chhattishgarh	Maitri Bagh Zoo, Bhilai
Gujarat	Indroda Nature park, Gandhinagar
Kerala	State Museum & Zoo, Thrissur
Madhya Pradesh	1. Gandhi Zoological Park, Gwalior 2. Van Vihar Zoo, Bhopal

Small Zoos

West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling
Chhattishgarh	Kanan Pendari Zoo, Bilaspur

Mini Zoos

Andhra Pradesh	1. Mrugavani Deer Park, Chilkur 2. Himayatsar mini zoo, Ranga Reddy Distt.
Gujarat	Deer Park fertilizer Nagar, Vadodara
Himachal Pradesh	1. Deer Park, Kalapul, Dharmashala 2. Rewalsar Wildlife Zoo, Mandi
Karnataka	Deer Park, N.M.D.C, Donimalur
Kearal	1. Sri Lok Nayak Jaiprakash Smirti Van, Walayar, Pallakad 2. Hill Palace zoo, Ernakulam 3. Lion safari Park, Neyyar 4. Deer Park, Ponmudi
Madhya Pradesh	Deer Park Tata International, Dewas
Maharashtra	Nature Park, Karanja(INS Tunir), Mumbai

ZOOS GRANTED RECOGNITION**LARGE ZOOS**

Name of the State	Name of the Zoo
Andhra Pradesh	1. Indira Gandhi Zoological Park, Vishakapatnam 2. Nehru Zoological Park, Hyderabad
Bihar	Sanjay Gandhi Biological Park, Patna
Gujarat	Kamla Nehru Zoological Garden, Ahmedabad
Karnataka	Sri Chamarajendra Zoological Park, Mysore
Maharashtra	Veeramata Jijabai Bhosle Udyan Zoo, Mumbai
Tamil Nadu	Arignar Anna Zoological Park, Chennai
Uttar Pradesh	Kanpur Zoological Park
West Bengal	Zoological Garden, Alipore, Kolkata

MEDIUM ZOOS

Chhattishgarh	Maitribagh Zoo, Bhilai
Jharkhand	Jawaharlal Nehru Biological Park, Bokaro
Karnataka	Bannerghatta National Park, Bangalore
Madhya Pradesh	1. Vanvihar Zoo, Bhopal 2. Gwalior Zoo, Gwalior
Tamil Nadu	Childrens Corner Zoo, Guindy

SMALL ZOO

Chhattishgarh	Kanan Pendari Zoo, Bilaspur
Himachal Pradesh	Himalayan Nature Park, Kufri
Madhya Pradesh	Kamla Nehru Prani Sangrahalaya, Indore
Maharashtra	1. Nisargakavi Bahinabai Choudhary Prani Sangrahalaya, Pimpri Chinchwad, Pune 2. Aurangabad Municipal Zoo, Aurangabad
Tamil Nadu	Chennai Snake Park, Guindy, Chennai

MINI ZOOS

Kerala	Sri Lok Nayak Jai Prakash Samriti Van, Valayar, Palakad
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**ZOOS WHOSE RECOGNITION HAVE BEEN
WITHHELD / REFUSED**

Recognition withheld	
Name of the State	Name of the Zoo
Himachal Pradesh	Rewalsar Zoo
Kerala	Lion Safari, Neyyar Hill Palace Zoo, Tripunithura
Punjab	M.C.Zoological Park, Chhat-Bir
Uttar Pradesh	Deer Park, IIFCO, Aonla, Bareilly
Recognition refused	
Name of the State	Name of the Zoo
Gujarat	Bal Bhawan mini zoo, Rajkot
Himachal Pradesh	Deer Park, Kalapul
Kerala	Deer Park, Põnmudi
Madhya Pradesh	Deer Park, Tata exports, Dewas

**List of recognized zoos in the country
(As on 31.3.2003)**

SNO	STATE	ZOONAME	LOCATION
1	A&N ISLANDS	MINI ZOO, HADDO	PORT BLAIR
2	ANDHRA PRADESH	DEER PARK - SATYAM TECHNOLOGY	RANGA REDDY
3		CENTRE DEER PARK,	CHITTOOR
		CHITTOOR RESERVE FOREST	EAST DIVISION
4		DEER PARK, KESORAM CEMENT	BASANT NAGAR
5		DEER PARK, NFCL GREEN BELT	KAKINADA
6		G.V.K. INDUSTRIES	HYDERABAD
7		HIMAYAT SAGAR MINI ZOO	DISTT. RANGA REDDY
8		INDIRA GANDHI ZOOLOGICAL PARK	VISAKHAPATNAM
9		JAWAHAR LAKE TOURIST COMPLEX	SHAMIRPET
10		KINNER SARI DEER PARK	KINNERSARI
11		MAANAS SAROVAR - NATURE PARK	TAKELLAPADU, GUNTUR
12		MAHAVIR HARINA VANASTHALI DEER PARK	VANASTHALI- PURAM
13		MRUGAYA-NI CHILKUR DEER PARK	CHILKUR
14		NEHRU ZOOLOGICAL PARK	HYDERABAD
15		PILLALAMARRI DEER PARK	MAHABUB NAGAR
16		SAKALIGATTU DEER PARK	NAGARJUN SAGAR
17		SANGHI DEER PARK	SANGHI NAGAR
18		SRI VENKATESWARA ZOOLOGICAL PARK	TIRUPATI

19		VANAVIGYAN KENDRA, HUNTER ROAD, HANAMKONDA.	WARANGAL
20		VIJAY VIHAR DEER PARK	NAGARJUN SAGAR
21	ARUNACHAL PRADESH	ITANAGAR ZOOLOGICAL PARK	ITANAGAR
22	ASSAM	ASSAM STATE ZOO CUM BOTANICAL GARDEN	GUWAHATI
23	BIHAR	SANJAY GANDHI BIOLOGICAL PARK	PATNA
24	CHHATTISGARH	KANAN PENDARI	BILASPUR
25		MAITRI BAAGH ZOO	BHILAI
26	DADRA & NAGAR HAVELI	DEER PARK	SATMALIYA
27		VASONA LION SAFARI	VASONA
28	DELHI	DEER PARK	HAUZ KHAS
29		NATIONAL ZOOLOGICAL PARK	DELHI
30	GOA	BONDLA ZOO	USGAO
31	GUJARAT	FERTILIZER NAGAR DEER PARK	BARODA
32		INDRODA NATURE PARK	GANDHI NAGAR
33		KAMLA NEHRU ZOOLOGICAL GARDEN	AHMEDABAD
34		NATURE PARK	SURAT
35		RAJKOT MUNICIPAL CORPORATION ZOO	RAJKOT
36		SAKKARBAUG ZOO	JUNAGARH
37		SAYAJI BAUG ZOO	VADODARA
38		SUNDERVAN NATURE DISCOVERY CENTRE	AHMEDABAD
39	HARYANA	DEER PARK	HISSAR

40		MINI ZOO	PIPLI
41		ROHTAK ZOO	ROHTAK
42	HIMACHAL PRADESH	DHAULADHAR NATURE PARK	GOPALPUR
43		HIMALAYAN NATURE PARK (KUFRI)	KUFRI
44		PHEASANTRY & MUSK DEER FARM	SARAHAN
45		PHEASANTRY AT CHAIL	SOLAN
46		RENUKE ZOO & LION SAFARI	SIRMUR
47	JAMMU & KASHMIR	MANDA MINI ZOO	RAMNAGAR
48		MANSAR MINI ZOO	MANSAR
49		SRINAGAR DEER PARK & ZOO	SRINAGAR
50	JHARKHAND	BHAGWAN BIRSA BIOLOGICAL PARK	RANCHI
51		BIRSA MRIG VIHAR	KALAMATI
52		CHANDRAPURA DEER PARK	CHANDRA PURA
53		DEER PARK	MAITHON DAM, DVC
54		JAWAHARLAL NEHRU BIOLOGICAL PARK	BOKARO
55		SATSANG ZOO FOR CHILDREN EDUCATION	DEOGHAR
56		TATA STEEL ZOOLOGICAL PARK	JAMSHEDPUR
57	KARNATAKA	BELLARY CHILDRENS PARK-CUM-ZOO	BELLARY
58		BHUTANAL DEER PARK	BIJAPUR
59		CHILDREN PARK & ZOO	GADAG
60		DEER PARK, N.M.D.C.LTD.	BELLARY

61		INDIRA PRIYADARSHINI SANGRAHALAYA	ARAGODU, DAVANGERE TALUK
62		KITTUR RANI CANNAMMA NISARG DHAMA	BHUTRAMANHATTI, BELGAUM
63		KUDREMUKH MINI ZOO	CHICKMAGLUR
64		MINI ZOO A. M. GUDI BALVANA	CHITRADURGA
65		MINI ZOO AT GENDEKATTE	HASSAN
66		MINI ZOO CUM CHILDREN PARK	GULBARGA
67		NAMADACHILUME DEER PARK	TUMKUR
68		NATIONAL PARK, BANNERGHATTA ZOOLOGICAL GARDEN	BANNERGHATTA
69		PILILKULA WILDLIFE SAFARI AT MADUSHEDDE	MANGALORE
70		SRI CHAMARAJENDRA ZOOLOGICAL GARDENS	MYSORE
71		TIGER & LION SAFARI, THYYAREKOPPA	SHIMOGA
72		TUNGABHADRA DAM MINI ZOO	BELLARY
73	KERALA	HILL PALACE ZOO, ERNAKULAM	THIRUNVANANTHA- PURAM
74		LION SAFARI PARK AT NAYYAR DAM	THIRUNVANANTHA- PURAM
75		SRI LOK NAYAK JAYA PRAKASH NARAYAN SMRITY VAN	WALAYAR
76		STATE MUSEUM & ZOO	THRISSUR
77		THIRUVANANTHAPURAM ZOO	THIRUVANANTHA- PURAM
78	MADHYA PRADESH	GANDHI ZOOLOGICAL PARK	GWALIOR
79		KAMLA NEHRU PRANI SANGHRAHALAY	INDORE

80		VAN VIHAR NATIONAL PARK	BHOPAL
81	MAHARASHTRA	AURANGABAD MUNICIPAL ZOO	AURANGABAD
82		MAHARAJA SHAHAJI CHHATRAPATI ZOO	KOLHAPUR
83		MAHARAJBAG ZOO	NAGPUR
84		MAHATMA GANDHI RASTRIYA UDYAN ZOO	SOLAPUR
85		NATURE PARK	KARANJA
86		PAL WILD ANIMAL ORPHANAGE	JALGAON
87		PRATAP SINGH UDYAN & ZOO	SANGLI
88		SANJAY GANDHI NATIONAL PARK	BORIVALI (EAST)
89		SNAKE PARK, SHIKSHAN MANDAL	KOLHAPUR
90		SOMNATH PRAKALPA ZOO	CHANDRA PUR
91		VASANT SMRUTI MRIG VIHAR, UMARSARA	YEOTMAL
92		VEERMATA JIJABAI BHOSALE UDYAN & ZOO	MUMBAI
93		NISARGAKAVI BAHINABAI CHOUHDARY PRANISANGAHALAY	PIMPRI PUNE
94		PESHWE PARK	PUNE
95		RAJIV GANDHI ZOOLOGICAL PARK AND WILDLIFE RESEARCH CENTRE	PUNE
96	MANIPUR	MANIPUR ZOOLOGICAL GARDEN	IMPHAL
97	MEGHALAYA	LADY HYDARI PARK, ANIMAL LAND	SHILLONG
98	MIZORAM	AIZAWL ZOO	AIZAWL
99		DEER PARK, THENZAWL	THENZAWL
100	NAGALAND	ZOOLOGICAL PARK, KOHIMA	KOHIMA

101	ORISSA	GANDHAMARDAN DEER PARK	BALANGIR
102		GHARIAL RESEARCH & CONSERVATION UNIT	TIKARPARA
103		H.A.L. DEER PARK, KORAPUT	SUNABEDA
104		INDIRA GANDHI PARK ZOO & DEER PARK	ROURKELA
105		KAPILASH ZOO	DHENKANAL
106		KUANRIA DEER PARK	NAYAGARH
107		MOTIJHARAN DEER PARK	SAMBALPUR
108		NANDANKANAN BIOLOGICAL PARK	BHUBANESWAR
109	PUNJAB	DEER PARK, BIR MOTI BAGH	PATIALA
110		DEER PARK, BIR TALAB	BHATINDA
111		DEER PARK, NEELON	LUDHIANA
112		MAHENDRA CHAUDHURY ZOOLOGICAL PARK	CHHATBIR
113		TIGER SAFARI	LUDHIANA
114	RAJASTHAN	BIKANER ZOO	BIKANER
115		DEER PARK, SHRI GOVERDHAN TRUST	UDAIPUR
116		JAIPUR ZOO	JAIPUR
117		JODHPUR ZOO	JODHPUR
118		PANCHWATI DEER PARK	PILANI
119		SAFARI PARK, HARIDASJI-KI-MAGRI	UDAIPUR
120		UDAIPUR ZOO	UDAIPUR
121	SIKKIM	HIMALAYAN ZOOLOGICAL PARK, BULBULEY	GANGTOK
122		RUSTOMJI DEER PARK	GANGTOK

123	TAMIL NADU	AMIRDHI ZOO	VELLORE
124		ARIGNAR ANNA ZOOLOGICAL PARK	VANDALUR
125		CHENNAI SNAKE PARK TRUST	GUINDY
126		CHILDREN'S CORNER	GUINDY
127		CROCODILE REARING CENTRE	AMARAVATHI NAGAR
128		DEER PARK, UDHAGAI, NILGIRIS	OOTY
129		GANGAIKONDAN DEER PARK, NELIAI	KATTABOMMAN
130		HOGAINAKKAL MINI ZOO	DHARMAPURI
131		KURUMBAPATTI ZOOLOGICAL PARK	SALEM
132		MADRAS CROCODILE BANK TRUST/CENTRE FOR HERPETOLOGY	MANALLAPURAM
133		SHIVGANGA GARDEN MINI ZOO	THANJAVUR
134		V.O.C. PARK MINI ZOO	COIMBATORE
135		VOC PARK MINI ZOO,	ERODE
136	TRIPURA	SEPAHIJALA ZOOLOGICAL PARK	SEPAHIJALA
137	UTTAR PRADESH	BAN DEVI RECREATION PARK	MAU
138		CHEETAL PARK, KHATOLI	MUZAFFAR NAGAR
139		DEER PARK	MORADABAD
140		DEER PARK - KUKRAIL	LUCKNOW
141		DEER PARK, HINDALCO INDUSTRIES LTD.	SUNBHADRA
142		INDIRA MANORANJAN VAN (DEER PARK), MEHEWA	LAKHIMPUR KHERI
143		KANPUR ZOOLOGICAL PARK	KANPUR
144		LUCKNOW PRANI UDYAN	LUCKNOW
145		NAWABGANJ DEER PARK	UNNAO

146		SARNATH DEER PARK	VARANASI
147		TRIVENI ENVIRONMENT PARK, ALLAHABAD	ALLAHABAD
148		VAN PRANI UDYAN, I.V.R.I.	BAREILLY
149		VINOD VAN MINI ZOO, RAMGARH	GORAKHPUR
150		DEER PARK AT IFFCO, BAREILLY	BAREILLY
151	UTTARANCHAL	DEER PARK, NARAIN TEWARI DEWAL	ALMORA
152		MALSI DEER PARK	DEHRADUN
153		PT. GOVIND BALLABH PANT HIGH ALTITUDE ZOO	NAINITAL
154		RAMPUR MANDI DEER PARK & AVIARY	KALSI
155	WEST BENGAL	ALIPORE ZOOLOGICAL GARDEN	KOLKATA
156		CALCUTTA SNAKE PARK, ZOOLOGICAL GARDEN	BADU 24, PARGANA
157		DEER PARK (MINI ZOO)	JHARGRAM
158		DEER PARK DOW HILL	KURSEONG
159		KUMARI KANGSABUTI DEER PARK, BONPAKURIA	BANKURA
160		LIFE SCIENCE CORNER, BIDHAN NAGAR	BURDWAN
161		MARBLE PALACE ZOO	KOLKATA
162		MINI ZOO SCIENCE CITY	KOLKATA
163		PADMAJA NAIDU HIMALAYAN ZOOLOGICAL PARK	DARJEELING
164		WEST BENGAL SNAKE PARK & LABORATORY, BADU	24- PARGANAS NORTH

**List of zoos whose application for recognition was under review
(As on 31.3.2003)**

SNO	State	Zoo Name	Location
1	ANDHRA PRADESH	DEER PARK, MUNICIPAL PARK	RAJAHMUNDRY
2		DEER PARK, TIRUMALA HILLS	CHITTOOR
3		HIMABINDU DEER PARK (PULLAIAH DEER PARK)	KURNOOL
4		SABARI MINI ZOO, PRATHIPADU	MINERVA NAGAR
5	ARUNACHAL PRADESH	MIAO MINI ZOO	MIAO
6		MINI ZOO	ROING
7	BIHAR	CHITRAKOOT (RUNKUN VIHAR) PARK, PAHARPUR	GAYA
8		JAIPRAKASH UDYAN	BHAGALPUR TOWN
9	CHHATTISGARH	INDIRA UDYAN	BILASPUR
10	DADRA & NAGAR HAVELI	KHANVEL DEER PARK	SILVASSA
11		MINI ZOO SILVASSA	KHANVEL
12	DAMAN & DIU	DEER PARK	DIU
13	DELHI	DEER PARK	DILSHAD GARDEN
14		DEER PARK	JHILMIL
15	GUJARAT	NATURE EDUCATION CENTRE	JAMNAGAR
16		BALBHAVAN ZOO	RAJKOT
17	HIMACHAL PRADESH	MINI ZOO, KALAPUL	DHARMSALLA
18		NEHRU PHEASANTRY	MANALI
19		REWALSAR WILDLIFE ZOO	MANDI

20	JHARKHAND	MUGGER BREEDING CENTRE	MUTA
21	KARNATAKA	ANTHARAGANGE CHILDREN PARK	KOLAR
22		CHILDRENS MINI ZOO	DHARWAD
23		CHILDREN'S PARK SIRSI DIVISION	SIRSI
24		DEER PARK AT HALIYAL TOWN	U.KANNADA DISTT.
25		DEER PARK AT SHRI KSHETRA SOGAL	SOUNDATTTI
26		KAIWARA TAPOWANA CHINTAMANI TALLUK	KOLAR
27		KARADIGUDDA DEER PARK	KARJAGI
28		KEMPAMBUDI DEER PARK	BANGALORE
29		KEMPEGOWDA VANADHANA, SAVANADURGA,	MAGADI TALUK
30		MINI DEER PARK	CHICKMAGLUR
31		MINI ZOO AT INDUVAL NATURE PARK (PRAKRUTI VANA)	MANDYA
32		MINI ZOO AT KONDAJJI DEER PARK	CHITRADURGA
33		MINI ZOO AT MINAKANAGURKAI	KOLAR
34		NATURE PARK	RAICHUR
35		SORAKAYALAHALLI CHILDREN & DEER PARK	KOLAR
36	KERALA	CROCODILE FARM	CALICUT
37		CROCODILE FARM AT NAYYAR DAM	THIRUNVANANTHA-PURAM
38		DEER PARK AT CALICUT	CALICUT
39		DEER PARK, PONMUDI	THIRUNVANANTHA-PURAM
40		MINI ZOO	KODANADU

41		PARASSINIKKADAVU SNAKE PARK	KANNUR
42	MADHYA PRADESH	GHARIAL REARING CENTRE, DEORI	MORENA
43		KATAYGHAT SOORMYA ZOO	KATNI
44		MRIGNAYANI DEER PARK	PANCHMARHI
45		NANDAN VAN	RAIPUR
46		S.F.R.I. ZOO	JABALPUR
47		VIKRAM VATIKA	UJJAIN
48	MAHARASHTRA	AMITA ZOO & BREEDING FARM	BOMBAY
49		AMTE'S ANIMAL PARK & ORPHANAGE CUM RESCUE HOME	GADCHIROLI, ALLAPALLI
50		AVICULTURE AND CAPTIVE BREEDING	THANE
51		ESSELWORLD SNAKE PARK	WORLI, MUMBAI
52		SURYAVAN ZOO	RAIGAD
53		TIKUJI-NI-WADI ZOO	THANE
54	MEGHALAYA	RAM KRISHAN ZOO	SHILONG
55		TURA ZOO	AKHONGINI TURA
56	ORISSA	CHILKA DEER PARK	PURI
57		DEER PARK, PAPADAHANDI	NAWARANGPUR
58		HARISHANKAR DEER PARK	BOLANGIR
59		MUNICIPAL DEER PARK	CUTTACK
60		PANTHANIVAS DEER PARK, CHANDIPUR	BALASORE
61		REGIONAL SCIENCE CENTRE, ZOO	BHUBANESWAR
62		TAPTAPANI DEER PARK	PARLAKHEMUNDI
63		TRIBAL MUSEUM ZOO	KORAPUT

64		DEER PARK, BERHAMPUR UNIVERSITY	BERHAMPUR
65	RAJASTHAN	KOTA ZOO	KOTA
66		MRIG VAN	CHITORGARH
67	TAMIL NADU	MANJUNATHA MINI ZOO (MOBILE), NESAPAKKAM	MADRAS
68		MINI ZOO	COURTALLAM
69	UTTAR PRADESH	CHEETAL GRAND MOTELS PVT LTD.	MUZAFFAR NAGAR
70		DEER PARK, AIR FORCE	MEMAURA
71		INDIRA PARK ZOO	BIJNOR
72		KATERNIAGHAT GHARIAL REHABILITATION CENTRE	BAHRAICH
73		LAXMAN PAHARI MRIG VIHAR, (DEER PARK)	BANDA
74		LITTLE SCHOLARS ACADEMY, ZOO	AMROHA
75		MINI ZOO & BREEDING FARM	MEERUT CANTT.
76		VAN CHETNA KENDRA	AGRA
77		VAN CHETNA KENDRA, KUMARGANJ	FAIZABAD
78		VAN CHETNA KENDRA, VRINDAVAN	MATHURA
79		VAN VIHAR	JAUNPUR
80	UTTARANCHAL	VAN CHETNA KENDRA, BROOK LAND ESTATE	MUSOORIE
81		VANYA JANTU VIHAR, DAK PATHAR	DEHRADUN
82	WEST BENGAL	BELLILIUS PARK	HOWRAH
83		CHITRA TOURING ZOO	KOLKATA
84		CORPORATION PARK, JOGMAYA	HOWRAH

85		DEER PARK, BELARI SRI RAM KRISHNA ASHRAM	HOWRAH
86		GAR CHUMUK (ULUGHATA) DEER PARK	ULUGHATA
87		GARMANDARAN HOOGHLY ZILA PARISHAD DEER PARK	HOOGHLY
88		KRISHNA SAYAR SNAKE PARK	BURDWAN
89		RAMAKRISHNA MISSION VIDALAYA, STUDENT HOME	NARENDRAPUR
90		RAPHEAL ACADEMIC & VOCATIONAL SCHOOL,DARJEELING	DARJEELING
91		SNAKE PARK, REPTILE RESEARCH & SNAKE BITE TREATMENT CENTRE	DIGHA,

**List of Closed Zoos in the country
(As on 31.3.2003)**

S NO	State	Zooname	Location
1	ANDHRA PRADESH	ALISAGAR DEER PARK	ALISAGAR
2		B H E L DEER PARK	HYDERABAD
3		DEER BREEDING FARM, PAKHAL	WARANGAL
4		DEER PARK	KANDALERU
5		DEER PARK RESEARCH STATION, VEMPALLY	SIRPUR
6		DEER PARK, AIR FORCE STATION, HAKIMPET	SECUNDERABAD
7		DEER PARK, BEGUMPET	HYDERABAD
8		REGIONAL SCIENCE CENTRE ZOO	TIRUPATI
9		ANARPATHI EDUCATIONAL SOCIETY ZOO	ANARPARTHI
10	ASSAM	BIJNI PARK CUM MINI ZOO	GUWAHATI
11	BIHAR	AJANTA TOURIST ZOO,	PATNA
12		AMAR TOURIST ZOO	PATNA
13		BAJRANG ZOO	DURBHANGA
14		BHARAT ZOO	PATNA
15		DIAMOND TOURIST ZOO	PATNA
16		GEMINI TOURIST ZOO	PATNA
17		JAIPRAKASH DEER PARK	BODH GAYA
18		NEW JANTA TRAVELLING ZOO,	PATNA
19		NEW RAMOND TOURIST	PATNA
20		RAMOND TOURIST ZOO,	PATNA

21		SRI PRAMOD (TOURING ZOO)	MUZAFFARPUR
22		TOURIST JANTA ZOO	PATNA
23	CHHATTISGARH	BAILADIA DEER PARK	BASTAR
24	DAMAN & DIU	DEER PARK	DAMAN
25	GUJARAT	NARMADA WILDLIFE COMPLEX	NARMADA NAGAR
26	HARYANA	DEER PARK, NFL	PANIPAT
27		MINI ZOO, H.A.P	MADHUBAN
28		MINI ZOO	ABUBSHAHAR, DIST. SIRSA
29		MINI ZOO	BHIWANI
30		MINI ZOO	JIND
31		MINI ZOO	PINZORE
32	JHARKHAND	CHACHA NEHRU ISLAND DEER PARK	TAILAIYA
33	KARNATAKA	CHILDREN'S PARK MINI ZOO	SHIMOGA
34		DEER CHILDREN & SNAKE PARK AT KADRI HILL	MANGALORE
35		DEER PARK AT JIJHAL RF	BELLARY
36		LALBAGH DEER PARK	BANGALORE
37		MINI ZOO MAHARAJA PARK	HASSAN
38	MADHYA PRADESH	BHARDA ZOO	RAISEN
39		FOREST TRAINING SCHOOL, WILDLIFE PARK	BETUL
40	MAHARASHTRA	CROCODILE CENTRE, TADOBA	CHANDRA PUR
41		DADASAHEB VAGRE SNAKE PARK	YAVATMAL
42		DEER PARK	GANGAPUR
43		HUTATMA BAG PRANI SANGRAHALYA	SOLAPUR

44		JAWAHARLAL NEHRU VAN UDYAN, PANDAVLENE	NASIK
45		NEHRU GARDEN	SANGAMNER
46		RAMBAGH CHEETAL PARK	CHANDRAPUR
47		SAMEER UDYAN ZOO, SAKARWADI	AHMED NAGAR
48		SHANTINIKATAN STUDENT NATURE CLUB & ZOO	SANGLI
49		SHIVAJI UDYAN	NASHIK
50		SHRI GANJANAN VATIKA	BULDANA
51		SNAKE PARK	NAGPUR
52		VAYU SENNA NAGAR ZOO	NAGPUR
53		VIVEKANAND VIDYA MANDIR ZOO	BULDANA
54	ORISSA	PALM BEACH ZOO, GOPALPUR	GANJAM
55		SCIENCE CORNER OF BAL BHAWAN, NCSTC NETWORK	BHUBANESHWAR
56	PUNJAB	AGARSAR ATHANVE NATURE PARK	PATIALA CANTT.
57		GUEST HOUSE MINI DEER PARK, THERMAL COLONY	BHATINDA
58		MINI ZOO AT ROSE GARDEN	LUDHIANA
59		MINI ZOO, ARAM BAGH	AMRITSAR
60		MINI ZOO, BANSAR BAGH	SANGRUR
61		MINI ZOO, SECTOR 6	CHANDIGARH
62	SIKKIM	BAGUWA PHEASANT FARM	GANGTOK
63	TAMIL NADU	DEER PARK	MUKKOMBU
64		MONTFORT SCHOOL MINI ZOO, YERCAUD	SALEM
65		ST. JOSEPH'S MINI ZOO	COONOR

66	TRIPURA	DEER PARK,PATICHARI	PATICHARI
67	UTTAR PRADESH	ARANAYA VIHAR,WALIPURA	BULAND SHAHAR
68		AZAD CHIRYA GHAR (TOURING)	VARNASI
69		BAJRANG TOURING ZOO	VARANASI
70		BHARAT MINI ZOO, CHILKANA	SAHARANPUR
71		BHARATIYA TOURING ZOO	LALBAUG
72		BINA KAMAL GOLDEN ZOO	BULAND SHAHAR
73		CHETNA KENDRA, RIDHANI RANGE	MEERUT
74		MRIG VIHAR VAN CHETNA KENDRA-MOTH	JHANSI
75		NAWAB TANK MRIG VIHAR	BANDA
76		NEHRU VAN CHETNA KENDRA	ETAH
77		NEW PARDESI TOURING ZOO	HARDOI
78		PARDESHI CHIRYA GHAR, SITAPUR, AVODH	HARDOI
79		SHUKRATAL CHITAL PARK	MUZAFFAR NAGAR
80		VAN CHETNA KENDRA	MASSORIE
81		VAN CHETNA KENDRA, MUKANDPUR	ALIGARH
82		VAN CHETNA KENDRA, NAGAL	SAHARANPUR
83		VAN CHETNA KENDRA, NARORA	BULAND SHAHAR
84		VAN MANORANJAN KENDRA	RAMPUR
85		WYNDHUM FALL MINI ZOO	MIRZAPUR
86	UTTARANCHAL	SANJAY GANDHI MRIG VATIKA, MANGALORE	HARIDWAR
87	WEST BENGAL	ANITA MOBILE ZOO, BARUIPUR	24 PARGANAS SOUTH

88		BIRLA INDUSTRIAL & TECHNOLOGICAL ANIMALORIUM	KOLKATA
89		DEEPAK MITRA'S SNAKE HOUSE, HINDUSTAN PARK	KOLKATA
90		FAMOUS MOBILE ZOO	HOWRAH
91		JAYA MOBILE ZOO	HOWRAH

**EXCHANGE/ACQUISITION PROPOSALS OF ANIMALS BETWEEN INDIAN ZOOS
APPROVED DURING THE YEAR 2002-2003**

Sl.No	Name of Zoo/ Organisation [A]	Animals to be Acquired by [A] From [B]	Animals to be Given by [A] to [B]	Name of the Zoo/ Organisation [B]
1.	National Zoological Park, Delhi	Kaleej Pheasant 8(4:4) Himalayan black bear 1 (1:0)	Sangai 2 (1:1)	Kanpur Zoo
2.	Kanpur Zoo	Chinkara 3(1:2)	Jackal 2(1:1) Kaleej Pheasant . 4(2:2)	Gandhi Zoo., Gwalior
3.	Lucknow Zoo	—	Swamp deer 2(1:1)	Sanjay Gandhi Zoologi- cal Park, Patna
4.	Kanpur Zoo	Wolf - 2(1:1) Fox - 2 (1:1) Asiatic lion 3(1:2)	Indian Rhino 1(0:1)	Nehru Zoological Park, Hyderabad
5.	Sepahijala Zoological Park, Agartala,	Indian Rhino - 1(0:1)	—	Assam State Zoo, Guwahati
6.	Bahinabai Choudhari Nisargakavi Prani Sangrahalay, Pimpri- Pune	Panther - 1(0:1)	—	Wild Animal Orphan age Indian Herpeto- logical Society, Pune
7.	M. C. Zoological Park, Chhatbir, Chandigarh	Sloth bear - 1	—	Dhauladhar Nature Park, Gopalpur, H. P.

Sl.No	Name of Zoo/ Organisation [A]	Animals to be Acquired by [A] from [B]	Animals to be Given by [A] to [B]	Name of the Zoo/ Organisation [B]
8.	Sri Chamarajendra Zoological Park, Mysore	Common langur - 2(1:1)	—	Nandankanan Biologi cal Park, Bhubaneswar.
9.	M. C. Zoological Park, Chhattbir, Chandigarh	Mugger - 4(1:3)	—	Bhiwani Zoo, Haryana
10.	Nature Park, Surat	Himalayan black bear - 2(1:1) Bengal Tiger - 1(1:0)	—	Udaipur Zoo
11.	Bhagwan Birsa Biological Park, Ranchi	Bengal tiger - 1 (0:1) Blackbuck - 6 (3:3)	Sambar - 2 (1:1) Peacock (white) - 2 (1:1)	Tata Steel Zoological Park, Jamshedpur
12.	Sri Chamarajendra Zoological Park, Mysore	Lion (Hybrid) - 1(1:0)	—	Nandankanan Biologi cal Park, Bhubaneswar
13.	Kanpur Zoo	Bengal tiger - 2 (1:1)	Kaleej pheasant - 2(1:1)	Jawaharlal Nehru Biological Park, Bokaro
14.	Sayajibagh Zoo, Vadodara	Bengal tiger - 1 (0:1)	—	Rajkot Zoo

15.	Veer mata Jijabai Bhosle Udyan - Zoo, Mumbai	Sloth bear - 1(1:0)	—	Sanjay Gandhi Zoo, Borivali, Mumbai
16.	Rajiv Gandhi Zoological Park, Katraj, Pune	Neelgai - 3(1:2)	—	Seminary Hills deer Park, Nagpur
17.	Gandhi Zoo, Gwalior	Sloth bear - 3 (1:2)	—	Nehru Zoological Park, Hyderabad
18.	Nature Park, Surat	Himalayan black bear - 2 (1:1) Painted stork - 4(2:2)	—	Lucknow Zoo
19.	Lucknow Zoo	Lion (Hybrid) - 4 (1:3)	—	M. C. Zoological Park, Chhatbir
20.	Nature Park, Surat	Gharial - 2(0:2) Salt water crocodile - 4(2:2)	—	Madras Crocodile Bank, Mammalapuram.
21	Kamla Nehru Zoological Park, Ahmedabad	Himalayan black bear - 2(1:1)	—	Lucknow Zoo

**EXCHANGE/ACQUISITION PROPOSALS OF ANIMALS BETWEEN INDIAN ZOOS
AND FOREIGN ZOOS
APPROVED DURING THE YEAR 2002-2003**

Sl.No	Name of Zoo/ Organisation [A]	Animals to be Acquired by [A] from [B]	Animals to be Given by [A] to [B]	Name of the Zoo/ Organisation [B]
1.	National Zoological Park, Delhi	Red lechwe 3 (1:2)	Black buck - 2(1:1)	Zoological Garden, Sri Lanka

Important Births of Endangered Species in Zoos 1.4.2..2 to 31.03.2003

Species	Animal	Scientific Name	Name of the Zoo	State	Total
AMBHIBIAN	Himalayan Newt	Hylotriton rerucossus	PADMAJA NAIDU HIMALAYAN ZOOLOGICAL PARK	WEST BENGAL	3
	Himalayan Newt Total				3
AMPHIBIAN Total					3
BIRD	Hornbill Indian Pied	Anthracoceros malabaricus	SAYAJI BAUG ZOO	GUJARAT	2
			SEPAHIJALA ZOOLOGICAL PARK	TRIPURA	1
Hornbill Indian Pied Total					3
Peafowl	Pavo cristatus		DEER PARK, NFCL GREEN BELT	ANDHRA PRADESH	1
			KAMLA NEHRU ZOOLOGICAL GARDEN		3
			MARBLE PALACE ZOO	WEST BENGAL	3
			RAJIV GANDHI ZOOLOGICAL PARK AND	MAHARASHTRA	1
			TATA STEEL ZOOLOGICAL PARK	JHARKHAND	1
			TIGER SAFARI	PUNJAB	5
Peafowl Total					16
Peafowl White	Pavo cristatus		KAMLA NEHRU PRANI SANGHRAHALAY ZOO	MADHYA PRADESH	2
			LUCKNOW PRANI UDYAN	UTTAR PRADESH	1
			RAJIV GANDHI ZOOLOGICAL PARK	MAHARASHTRA	2
			SAKKARBAUG ZOO	GUJARAT	2
			TATA STEEL ZOOLOGICAL PARK	JHARKHAND	3
Peafowl White Total					10
Pheasant Bhutan Gret Peacock	Polyplectron thibetanus		ALOPORE ZOOLOGICAL GARDEN	WEST BENGAL	16
			PADMAJA NAIDU HIMALAYAN ZOOLOGICAL PARK	WEST BENGAL	2
Pheasant Bhutan Grey Peacock Total					18
Pheasant Cheer	Catreus Wallichi		HIMALAYAN NATURE PARK (KUFRI)	HIMACHAL PRADESH	4
Pheasant Cheer Total					4
Pigeon Nicobar	Catoenas nicobarica pelwensis		KAMLA NEHRU ZOOLOGICAL GARDEN	GUJRAT	6
Pigeon Nicobar Total					6
Spoonbill White	Platalea leucorodia		ALIPORE ZOOLOGICAL GARDEN	WEST BENGAL	2
			KAMLA NEHRU ZOOLOGICAL GARDEN	GUJRAT	2

Species	Animal	Scientific Name	Name of the Zoo	State	Total
	Spoonbill White Total				4
BIRD TOTAL					61
MAMMAL	Antelope Four Horned-	Tetraceros quadricornis	MARBLE PALACE ZOO	WEST BENGAL	2
	Chowsingha		NATIONAL ZOOLOGICAL PARK	DELHI	1
			RAJIV GANDHI ZOOLOGICAL PARK AND	MAHARASHTRA	4
			SAKKARBAUG ZOO	GUJARAT	8
			VEERMATA JIJABAI BHOSALE UDYAN & ZOO	MAHARASHTRA	2
	Antelope Four Horned - Chowsingha Total				17
	Bear Himalayan Black	Selenarctos thibetanus	INDIRA GANDHI ZOOLOGICAL PARK	ANDHRA PRADESH	1
			JAWAHARLAL NEHRU BIO-LOGICAL PARK	JHARKHAND	1
			RENUKE ZOO/	HIMACHAL	2
			LION SAFARI	PRADESH	
	Bear Himalayan Black Total				4
	Binturong	Arctictis binturong	ARIGNAIR ANNA ZOOLOGICAL PARK	TAMIL NADU	2
			SEPAHIJALA ZOOLOGICAL PARK	TRIPURA	2
	Binturong Total				4
	Cat Jungle	Felis chaus	SEPAHIJALA ZOOLOGICAL PARK	TRIPURA	3
	Cat Jungle Total				3
	Cat Leopard	Felis bengalensis	ASSAM STATE ZOO CUM BOTANICAL GARDEN	ASSAM	1
			SEPAHIJALA ZOOLOGICAL PARK	TRIPURA	2
	Cat Leopard Total				3
	Chinkara-Indian Gazelle	Gazella gazella bennetti	ALIPORE ZOOLOGICAL GARDEN	WEST BENGAL	1
			BIKANER ZOO	RAJASTHAN	3
GANDHI ZOOLOGICAL PARK			MADHYA PRADESH	2	

Species	Animal	Scientific Name	Name of the Zoo	State	Total
			INDRODA NATURE PARK	GUJARAT	2
			JAIPUR ZOO	RAJASTHAN	7
			KANPUR ZOOLOGICAL PARK	UTTAR PRADESH	1
			SAKKARBAUG ZOO	GUJARAT	6
			SRI VENKATESWARA ZOOLOGICAL PARK	ANDHRA PRADESH	1
Chinkara-Indian Gazelle Total					23
Civet Common Palm-Cat Toddy	Paradoxurus hermaphroditus		AURANGABAD MUNICIPAL ZOO	MAHARASHTRA	2
			NANDANKANAN BIOLOGICAL PARK	ORISSA	2
			NATIONAL ZOOLOGICAL PARK	DELHI	1
			SANJAY GANDHI BIOLOGICAL PARK	BIHAR	4
Civet Common Palm - Cat Toddy Total					9
Deer Brow-antlered-Sangai-Manipur	Cervus eldi		ALIPORE ZOOLOGICAL GARDEN	WEST BENGAL	3
			ASSAM STATE ZOO CUM BOTANICAL GARDEN	ASSAM	1
			KANPUR ZOOLOGICAL PARK	UTTAR PRADESH	2
			MANIPUR ZOOLOGICAL GARDEN	MANIPUR	1
			NATIONAL ZOOLOGICAL PARK	DELHI	13
			SRI CHAMARAJENDRA ZOOLOGICAL GARDENS	KARNATAKA	3
Deer Brow-antlered - Sangai - Manipur Total					23
Deer Mouse	Tragulus meminna		KAMLA NEHRU ZOOLOGICAL GARDEN	GUJARAT	1
Deer Mouse Total					1
Deer Swamp (Barasingha)	Cervus duvauceli		KANPUR ZOOLOGICAL PARK	UTTAR PRADESH	5
			LUCKNOW PRANI UDAYAN	UTTAR PRADESH	5
			NANDANKANAN BIOLOGICAL PARK	ORISSA	5
			NATIONAL ZOOLOGICAL PARK	DELHI	3
			NEHRU ZOOLOGICAL PARK	ANDHRA PRADESH	2

Species	Animal	Scientific Name	Name of the Zoo	State	Total
			SRI CHAMARAJENDRA ZOOLOGICAL GARDENS	KARNATAKA	5
Deer Swamp (Barasingha) Total					25
	Dog Wild	Cuon alpinus	ARIGNAR ANNA ZOOLOGICAL PARK	TAMIL NADU	2
Dog Wild (Dhole) Total					4
	Elephant Indian	Elephas maximus	MAHENDRA CHAUDHARY ZOOLOGICAL PARK	PUNJAB	1
Elephant Indian Total					1
	Fox Common	Vulpes bengalensis	NEHRU ZOOLOGICAL PARK	ANDHRA PRADESH	4
Fox Common Total					4
	Gaur-Indian	Bos gaurus	BONDLA ZOO	GOA	1
	Bison		NATIONAL PARK	KARNATAKA	2
			BANNERGHATTA ZOOLOGICAL GARDEN		
			NEHRU ZOOLOGICAL PARK	ANDHRA PRADESH	1
			SRI CHAMARAJENDRA ZOOLOGICAL GARDENS	KARNATAKA	2
Gaur-Indian Bison Total					6
	Jackal	Canis aureus	KAMLA NEHRU ZOOLOGICAL GARDEN	GUJARAT	1
			KANPUR ZOOLOGICAL PARK	UTTAR PRADESH	2
			MAHARAJBAG ZOO	MAHARASHTRA	2
			NATIONAL ZOOLOGICAL PARK	DELHI	2
			RAJIV GANDHI ZOOLOGICAL PARK AND	MAHARASHTRA	4
			SANJAY GANDHI BIOLOGICAL PARK	BIHAR	3
			SRI CHAMARAJENDRA ZOOLOGICAL GARDENS	KARNATAKA	2
			THIRUVANANTHAPURAM ZOO	KERALA	2
Jackal Total					18
	Langur Common	Semnopithecus entellus	ARIGNAR ANNA ZOOLOGICAL PARK	TAMIL NADU	1
			JAWAHARLAL NEHRU BIOLOGICAL PARK	JHARKHAND	4

Species	Animal	Scientific Name	Name of the Zoo	State	Total
			KANPUR ZOOLOGICAL PARK	UTTAR PRADESH	1
			NATIONAL ZOOLOGICAL PARK	DELHI	1
			PADMAJA NAIDU HIMALAYAN ZOOLOGICAL ZOO	WEST BENGAL	2
			ROHTAK ZOO	HARYANA	1
			SANJAY GANDHI BIOLOGICAL PARK	BIHAR	1
			TATA STEEL ZOOLOGICAL PARK	JHARKHAND	1
Langur Common Total					12
Langur Nilgiri	Semnopithecus johni		ARIGNAR ANNA ZOOLOGICAL PARK	TAMIL NADU	3
Langur Nilgiri Total					3
Leopard / Panther	Panthera pardus		MAHARAJBAG ZOO	MAHARASHTRA	2
			MAHENDRA CHAUDHARY ZOOLOGICAL PARK	PUNJAB	1
			MAITRI BAAGH ZOO	CHHATTISGARH	1
			NEHRU ZOOLOGICAL PARK	ANDHRA PRADESH	1
			SAKKARBAUG ZOO	GUJARAT	6
			SRI VENKATESWARA ZOOLOGICAL PARK	ANDHRA PRADESH	2
			TIGER & LION SAFARI, THYAREKOPPA	KARNATAKA	2
Leopard / Panther Total					14
Leopard Snow	Panthera uncia		PADMAJA NAIDU HIMALAYAN ZOOLOGICAL PARK	WEST BENGAL	5
Leopard Snow Total					5
Lion Indian	Panthera leo persica		SAKKARBAUG ZOO	GUJRAT	5
Lion Indian Total					5
Loris Slow	Nycticebus bengalensis		LADY HYDARI PARK ANIMAL LAND	MEGHALAYA	2
Loris Slow Total					2
Macaque Assamese	Macaca assamensis assamensis		MEHENDRA CHAUDHARY ZOOLOGICAL PARK	PUNJAB	2
Macaque Assamese Total					2
Macaque Bonnet	Macaca radiata		JAWAHARLAL NEHRU BIOLOGICAL PARK	JHARKHAND	2
			KAMLA NEHRU ZOOLOGICAL GARDEN	GUJARAT	1
			ROHTAK ZOO	HARYANA	1
			STATE MUSEUM & ZOO	KERALA	3
Macaque Bonnet Total					7

Species	Animal	Scientific Name	Name of the Zoo	State	Total
	Macaque Rhesus	Macaca mulatta	BHAGWAN BIRSA BIOLOGICAL PARK	JHARKHAND	1
			KAMLA NEHRU PRANI SANGHRAHALAY ZOO	MADHYA PRADESH	3
			KAMLA NEHRU ZOOLOGICAL GARDEN	GUJARAT	7
			LADY HYDARI PARK, ANIMAL LAND	MEGHALAYA	7
			SANJAY GANDHI BIOLOGICAL PARK	BIHAR	2
			SEPAHIJALA ZOOLOGICAL PARK	TRIPURA	2
			Macaque Rhesus Total		
Other Common	Lutra lutra	KAMLA NEHRU ZOOLOGICAL GARDEN	GUJARAT	3	
Other Common Total					3
Porcupine Bengal	Atherurus mefrouurus assamensis	ARIGNAR ANNA ZOOLOGICAL PARK	TAMIL NADU	1	
		CHILDREN'S CORNER	TAMIL NADU	8	
Porcupine Bengal Total					9
Rhinoceros Indian one Horned	Rhinoceros unicornis	ASSAM STATE ZOO CUM BOTANICAL GARDEN	ASSAM	1	
		SANJAY GANDHI BIOLOGICAL PARK	BIHAR	1	
Rhinoceros Indian One Horned Total					2
Tiger Bengal	Pantera tigris tigris	INDIRA GANDHI ZOOLOGICAL PARK	ANDHRA PRADESH	2	
		MEHENDRA CHAUDHARY ZOOLOGICAL PARK	PUNJAB	3	
		NANDANKANAN BIOLOGI. PARK	ORISSA	2	
		NATIONAL PARK,	KARNATAKA	4	
		BANNERGHATTA ZOOLOGICAL GARDEN			
		SRI CHAMARAJENDRA ZOOLOGICAL GARDENS	KARNATAKA	1	
		TIGER & LION SAFARI, THYYAREKOPPA	KARNATAKA	7	
TIGER SAFARI	PUBJAB	2			
Tiger Bengal Total					21
Tiger Bengal (White)	Panthera tigris tigris	MAITRI BAAGH ZOO	CHHATTISGARH	2	
		NANDANKANAN BIOLOGICAL PARK	ORISSA	1	
		SANJAY GANDHI NATIONAL PARK	MAHARASHTRA	3	

Species	Animal	Scientific Name	Name of the Zoo	State	Total	
			SRI CHAMARAJENDRA ZOOLOGICAL GARDENS	KARNATAKA	3	
Tiger Bengal (White) Total					9	
	Wolf Indian	Canis lupus pallipes	LUCKNOW PRANI UDYAN	UTTAR PRADESH	4	
Wolf Indian Total					4	
MAMMAL TOTAL					265	
REPTILE	Chamaeleo Indian	Chamaeleon zeylanicus	ARIGNAR ANNA ZOOLOGICAL PARK	TAMIL NADU	49	
	Chamaeleon Indian Total					49
	Cobra Indian	Naja naja	ALIPORE ZOOLOGICAL GARDEN	WEST BENGAL	2	
			RAJIV GANDHI ZOOLOGICAL PARK AND	MAHARASHTRA	9	
	Cobra Indian Total					11
	Crocodile Long Snouted-Gharial	Gavialis gangeticus	JAIPUR ZOO	RAJASTHAN	13	
	Crocodile Long Snouted-Gharial Total					13
	Crocodile Marsh (Mugger)	Crocodyles palustris	BONDLA ZOO	GOA	16	
			SAKKARBAUG ZOO	GUJARAT	10	
	Crocodile March (Mugger) Total					26
	Monitor Lizard / Common Indian	Varanus bengalensis	NATIONAL PARK, BANNERGHATTA ZOOLOGICAL GARDEN	KARNATAKA	4	
	Monitor Lizard / (Mugger) Total					4
	Python Bivittatus	Python molurus bivittatus	CALCUTTA SNAKE PARK	WEST BENGAL	11	
	Python Bivittatus Total					11
	Python Indian-Rock	Python molurus	CALCUTTA SNAKE PARK	WEST BENGAL	1	
	Python Indian - Rock Total					1
	Snake Keelback Checkered	Xeno chrophis piscator	CALCUTTA SNAKE PARK	WEST BENGAL	21	
			RAJIV GANDHI ZOOLOGICAL PARK AND	MAHARASHTRA	21	
	Snake Keelback Checkered Total					42
	Snake Rat / Dhaman	Ptyas mucosus	BONDLA ZOO	GOA	2	
			RAJIV GANDHI ZOOLOGICAL PARK PUNE	MAHARASHTRA	23	
	Snake Rat / Dhaman Total					25
	Viper Russel's	Vipera russelli	BONDLA ZOO	GOA	12	
RAJIV GANDHI ZOOLOGICAL PARK PUNE			MAHARASHTRA	28		
Viper Russel's Total					40	
REPTILE TOTAL					222	
GRAND TOTAL					551	

Details of Grants released to Zoos and Veterinary Institutes during 2002-03

State	Name of the Zoo	Purpose	Total (Rs in lakhs)	
A & N Island	Chidia Tapu Biological Park, Port Blair ✓	Boundary wall	5.00	
		Vet. Equipments	7.94	
		Water Supply System	10.00	
		Salt Water Crocodile Enclosure	8.40	
		Sea Turtle Enclosure	10.01	
		Water Monotor Lizard Enclosure	1.80	
	Crab Eating Macaque Enclosure	14.64		
	Chidia Tapu Biological Park, Port Blair Total		57.80	
A & N Island Total			57.80	
Andhra Pradesh	Sri Venkateshwara Zoological Park, Tirupati ✓	Medicines and sanitary items	1.56	
		cost of feed article to rescued animals	16.20	
		Pay of Veterinarian	0.66	
		Pay of animals Keepers	1.43	
		Electric water ext.	2.05	
		Sri Venkateshwara Zoological Park, Tirupati Total		21.90
	Indira Gandhi Zoological Park, Vishakapatanam, Hyderabad ✓	Cost of Feed articles to the rescued animals at Rescue Center	14.78	
		Medicines and sanitary items	1.65	
		Contract Pay of Veterinarian	0.50	
		Contract pay of animal keepers and watchmen	1.57	
		Miscellaneous expenses - Annual Maintenance of Rescue Center	1.50	
		Feeding cost animals	13.23	
		Medicine & Sanitary	3.35	
		Contract pay for Keepeers/watchman	1.58	
Contract pay for veterinarian		0.50		
	Annual maintenance of Rescue Center	1.50		

	Indira Gandhi Zoological Park, Vishakapatnam, Hyderabad Total		40.16
Andhra Pradesh Total			62.06
Arunachal Pradesh	Itanagar Zoological Park, Itanagar ✓	Augmentation of Water Supply	30.51
		Construction of Leopard Enclosure	7.69
		Upgradation of Food Storage	5.92
		Metalling and Carpeting of existing Zoo Road	8.63
		Separate entry Road to Staff Colony	2.63
		Preparation of Master Plan	0.50
		Contruccion of Parking Place on entry	1.14
	Contruccion of Leopard Enclosure	7.68	
Itanagar Zoological Park, Itanagar Total			64.70
Arunachal Pradesh Total			64.70
Assam	Assam State Zoo Cum Botanical Garden, Guwahati ✓	Hospital Building	5.55
		Const. of Langur Enclosure	8.17
		Const. Of Himalayan Bear Enclosrue	8.50
		Purachase of minitruk for distribution of food	2.10
		purachase of Tractor with water tanker	5.50
		Const. of Boundary wall of Deer Park	18.00
		Improvement of drainage system for enclosure	3.24
		Incinecator	5.86
		Const of off. Site isolation ward	6.63
		Purachase of Mobile medical jeep van	2.00
		medical camp for screemign zoo animals	0.50
	Varlise for sectury	1.32	
Assam State Zoo Cum Botanical Garden, Guwahati Total			67.37
Assam Agri. Unirversity College of vet. Science , Guwahati		Upgradation fo diagnostic facilities at College of Vet. Sciences, Guwahati	22.45
Assam Agri. Unirversity Colloge of vet. Science , Guwahati Total			22.45
Assam Total			89.82

Delhi (Capital-Plan)	National Zoological Park ✓	Construction of Chimpanzee Enclosure	36.37
		African Elephant Enclosure	48.51
		Extension of Moat of White Tiger Enclosure	26.08
		Construction of open air kraal for royal Bengal Tiger	15.92
		Construction of reptile House Exhibit Gallery	14.25
		Installation of filtered water pump in LTM Enclosure	1.87
		Reconstruction of Damaged Boundary Wall	1.50
	National Zoological Park Total		144.50
Delhi (Capital-Plan) Total		144.50	
Gujarat	Nature Park Surat ✓	Construction of enclosure for black buck	3.82
		Construction of enclosure for Chinkara	3.88
		Construction of enclosure for Four horned antelope	3.76
		Construction of enclosure for Hyena	4.84
		Construction of enclosure for Wolf	7.97
		Construction of enclosure for Wild Ass	9.91
	Nature Park Surat Total	34.18	
Gujarat Total		34.18	
Haryana	Rohtak Zoo, Rohtak ✓	Construction of treatment room	3.27
		Construction of Boundary wall (II phase)	1.50
		Construction of postmortem room	0.80
	Rohtak Zoo, Rohtak Total	5.57	
Haryana Total		5.57	
J & K ✓	Sher-e-Kashmir University & Agricultural Sciences & Tech, Jammu	Upgradation of Veterinary Facilities	10.00
	Sher-e-Kashmir University & Agricultural Sciences & Tech, Jammu Total		10.00
J & K Total		10.00	
Jharkhand	Bhagwan Birsa Biological Park, Ranchi ✓	Purchase of non polluting battery operated vehicle	6.90
	Bhagwan Birsa Biological Park, Ranchi Total		6.90
Jharkhand Total		6.90	
Karnataka	Sri Chamarajandra Zoological Garden, Mysore	Purchase of Veterinary Equipments	3.80

		Construction of Nilgiri Langur Enclosure	16.70
		Construction of Elephant Shelter	17.00
		Signage board for animal enclosures	2.00
	Sri Chamarajandra Zoological Garden, Mysore Total ✓		39.50
	Bannerghatta Zoo, Bangalore ✓	Wages of Veterinarian, animal keepers, Watchman	8.00
		Feed and upkeep of Lions, Tigers & Bears	41.31
		Veterinary Care including cost of medicine	2.00
		Maintenance of Rescue Centre	5.00
	Bannerghatta Zoo, Bangalore Total		56.31
	Intt. Of Animal Health and veterinary Biology, Bangalore	Upgradation of Vet. Facilities	2.50
	Intt. Of Animal Health and veterinary Biology, Bangalore Total		2.50
Karnataka Total			98.31
Kerala	Thiruvananthapuram Zoo, Thiruvananthapuram ✓	Construction of open enclosure for Nilgiri Langur	20.40
		Installation of education and interpretive signage in the Zoo	1.00
	Thiruvananthapuram Zoo, Thiruvananthapuram Total		21.40
Kerala Total			21.40
Madhya Pradesh	Gandhi Zoological Park, Gwalior ✓	Const. of Jackal Enclosure	2.50
		Const. of Chinkara	5.88
		Const. of Black Buck	5.34
		Const. of Langur	5.25
		Const. of Squeeze Lages in the Enclosure	0.83
		Vet. Enclosure	0.70
	Gandhi Zoological Park, Gwalior Total		20.50
	Kamla Nehru Prani Sangrahalaya, (Indore Zoo) ✓	Boundary wall	9.53
		Lion enclosure	20.93
		Tiger enclosure	22.59
		Veterinary Hospital Building	7.75
	Kamla Nehru Prani Sangrahalaya, (Indore Zoo) Total		60.80
	Van Vihar National Park, Bhopal ✓	Construction & repair of boundary wall	2.50

		Upgradation of Present veterinary facilities	2.50
		Construction of postmortem room	4.25
		Screening of staff	0.04
	Van Vihar National Park, Bhopal Total		9.29
Madhya Pradesh Total			90.59
Maharashtra	Rajiv Gandhi Zoological Park, Pune ✓	Construction of leopard enclosure	11.81
	Rajiv Gandhi Zoological Park, Pune Total		11.81
	Veermata Jijabai Bhosale Udyan & Zoo, Mumbai ✓	Construction of open moated enclosure for black and Spotted Deers	37.15
		Purchase of X- Ray Machine	0.95
Veermata Jijabai Bhosale Udyan & Zoo, Mumbai Total		38.10	
Maharashtra Total			49.91
Mizoram	Mizoram Zoological park, Aizawl ✓	Brick Wall Fencing	20.00
		Water Facility, Distribution lines at Enclosure	14.50
		Installation of security lights, RCC, Transformers etc.	2.67
		Construction of R/Walls at vulnerable point	2.50
		Soil & Moisture Conservation by gully plugging, contour etc.	2.00
		Construction of Feed store	7.00
		Construction of deer enclosure	32.90
		Construction of Barking deer Enclosure	22.70
		Construction of Assamese Macaque Enclosure	30.35
		Fencing of isolation Ward & Veterinary dispensary	1.66
		Visitors Gallery for Hoolock Gibbon Enclosure	5.00
	Visitors Gallery for Black Bear Enclosure	6.00	
Mizoram Zoological park, Aizawl Total		147.28	
Mizoram Total		147.28	
Orissa	Orissa University of Agriculture & Technology, Bhubaneshwar	Upgradation of Vet. Facilities	16.15
	Orissa University of Agriculture & Technology, Bhubaneshwar Total		16.15
Orissa Total		16.15	

Rajasthan	Jodhpur Zoo, Jodhpur ✓	Signage for Enclosures	0.75
		Installation of Submersible Water Pump	0.50
	Jodhpur Zoo, Jodhpur Total		1.25
	Nahargarh Biological Park, Jaipur ✓	Medicines and sanitary items	0.20
		Contract pay of animal keepers and watchmen	1.80
		Cost of feed articles for the rescued animals at Rescue Centre	1.60
		Contract pay & Hon. for Veterinarian	0.60
		Tranquilizing gun and other accessories	1.00
		Regular maintenance of the Rescue Centre	1.80
		Construction of Veterinary Treatment room	3.35
	Feeding cost & veterinary care of animals	1.80	
Nahargarh Biological Park, Jaipur Total		12.15	
Rajasthan Total			13.40
Tamil Nadu	Arignar Anna Zoological Park, Chennai ✓	Medicines and sanitary items	1.00
		Pay of Veterinary	0.60
		Pay of animals Keepers	2.00
		Feed articles	14.60
	Arignar Anna Zoological Park, Chennai Total		18.20
	Tamil Nadu Veterinary and Animal Science Univiresty, Chennai	Sterengthening of Nodal center for wildlife health care & dissase diagnosis	42.68
Tamil Nadu Veterinary and Animal Science Univiresty, Chennai Total		42.68	
Tamil Nadu Total			60.88
Uttar Pradesh	Kanpur Zoological Park, Kanpur ✓	Construction of Rhino Enclosure	5.25
		Construction of Covered-feeding kraal for yangulates	10.00
		Boundary wall Strengthening , repair and construction of damaged portion	2.50
		Feeding of rescued animals	3.00
	Kanpur Zoological Park, Kanpur Total		20.75
Uttar Pradesh Total			20.75

Uttaranchal	G.B. Pant Zoo, Nainital ✓	Construction of Enclosures for leopard	13.62
	Improvement of drainage system	Equipment for Veterinary Hospitel	3.82
		Signage & interpretation	2.50
			1.00
	G.B. Pant Zoo, Nainital Total		20.94
Uttaranchal Total			20.94
West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling ✓	Construction of Boudary Wall	21.55
		Augmentation of Water Supply and rain Water Harvesting	8.35
		Construction of Enclosure for Tibetan Wolf	8.00
		Constuction of Enclosure for Takin	13.56
	Padmaja Naidu Himalayan Zoological Park, Darjeeling Total		51.46
West Bengal Total			51.46
Grand Total			1066.60

**FINANCIAL STATEMENTS (NON-PROFIT ORGANIZATIONS)
CENTRAL ZOO AUTHORITY
BALANCE SHEET AS AT 31.3.2003**

		(Amount In Rupees)	
CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	Current Year	Previous Year
Corpus/Capital Fund	1	16,02,215	31,29,110
Reserves and Surplus	2	Nil	Nil
Earmarked/Endowment Funds	3	Nil	Nil
Secured Loans and Borrowings	4	Nil	Nil
Unsecured Loans and Borrowings	5	Nil	Nil
Deferred Credit Liabilities	6	Nil	Nil
Current Liabilities and Provisions	7	14,54,735	6,38,717
TOTAL		30,56,950	37,67,827
ASSETS			
Fixed Assets	8	12,37,584	12,88,299
Investments- From Earmarked/Endowment Funds	9	Nil	Nil
Investments-Others	10	Nil	Nil
Current Assets, Loans, advances Etc.	11	18,19,366	24,79,528
Miscellaneous Expenditure(to the extent not written off or adjusted)		Nil	Nil
TOTAL		30,56,950	37,67,827
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		



Member Secretary

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD / YEAR ENDED 31.3.2003
 (Amount in Rupees)

INCOME	Schedule	Current Year	Previous Year
Income from Sales/Services	12	Nil	Nil
Grants/Subsidies	13	12,31,58,717	10,86,21,277
Fees/Subscriptions	14	5,700	4,650
Income from Investments (Income on Investment)	15	Nil	Nil
From earmarked/endow. Funds transferred to Funds		Nil	Nil
Income from Royalty, publication etc.	16	Nil	Nil
Interest Earned	17	Nil	Nil
Other Income	18	2,75,905	48,863
TOTAL (A)		12,34,40,322	10,86,74,790
EXPENDITURE			
Establishment Expenses	20	23,21,618	24,66,172
Other Administrative Expenses etc.	21	1,55,55,424	62,53,641
Expenditure on Grants, Subsidies etc.	22	10,66,60,000	9,93,53,000
Interest	23	Nil	Nil
Depreciation (Net Total at the year-end - Schedule 8)	8	4,30,175	3,98,689
TOTAL (B)		12,49,67,217	10,84,71,502
Excess of Income over Expenditure (A-B)			
Transfer to Special Reserve (Specify each)			
Transfer to/from General Reserve			
Balance Being Surplus Carried to Corpus/Capital Fund			2,03,288
Balance Being Deficit Carried to Corpus/Capital Fund		15,26,895	
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		



Member Secretary

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2003
SCHEDULE 1 - CORPUS/CAPITAL FUND

	CURRENT YEAR	PREVIOUS YEAR
Balance as at the beginning of the year	31,29,110	29,25,822
Add : Contribution towards Corpus/CZA Fund	Nil	Nil
Add: Balance of net income	Nil	2,03,288
Deduct: Balance of net expenditure	15,26,895	Nil
Transferred from the Income and Expenditure Account	Nil	Nil
BALANCE AS AT THE YEAR - END	16,02,215	31,29,110

(Amount in Rupees)



Member Secretary

SCHEDULE - 7 - CURRENT LIABILITIES AND PROVISIONS

(Amount in Rupees)

	Current Year	Previous Year
A.. CURRENT LIABILITIES		
1. Acceptances	—	—
2. Sundry Creditors		
a) For Goods	—	—
b) Others	—	—
3. Advances Received		
4. Interest accrued but not due on		
a) Secured Loans/borrowings	—	—
b) Unsecured Loans/borrowings	—	—
5. Other current Liabilities		
(Gr. In-Aid refundable to Ministry)	14,00,000	6,38,717
TOTAL (A)	14,00,000	6,38,717
B. PROVISIONS		
1. For Taxation	—	—
2. Gratuity	—	—
3. Superannuation/Pension	—	—
4. Accumulated Leave Encashment	—	—
5. Trade Warranties/Claims	—	—
6. Others (Specify)		
Telephone Charges Payable	15,735	—
Audit Fees Payable	39,000'	—
TOTAL (B)	54,735	—
TOTAL (A+B)	14,54,735	6,38,717



Member Secretary

SCHEDULE 8 - FIXED ASSETS

(Amount in Rupees)

DESCRIPTION	GROSS BLOCK				DEPRECIATION						
	Cost / Value at the beginning of the year	Additions during the year	Deductions during the year	Cost/valuation at the yearend	Depreciation %	At the beginning of the year	On additions during the year	On deductions during the year	Total up to the Year-end	At the current yearend	At the previous yearend
Vehicle Old	36,224	Nil	28,979	7,245	20	Nil	Nil	7,245	7,245	Nil	36,224
Vehicle New	Nil	376,801	Nil	376,801	10	Nil	37,681	Nil	37,681	339,120	Nil
Furniture, Fixtures	556,469	Nil	Nil	556,469	10	55,646	Nil	Nil	55,646	500,823	556,469
Office equipments	314,408	Nil	Nil	314,408	25	78,602	Nil	Nil	78,602	235,806	314,408
Computer/peripherals old	359,041	Nil	Nil	359,041	60	215,425	Nil	Nil	215,425	143,616	359,041
Computer/Paperals New	Nil	12,000	Nil	12,000	30	Nil	3,600	Nil	3,600	8,400	Nil
Library Books Old	22,157	Nil	Nil	22,157	100	22,157	Nil	Nil	22,157	Nil	22,157
Library Books New	Nil	19,638	Nil	19,638	50	Nil	9,819	Nil	9,819	9,819	Nil
TOTAL FOR CURRENT YEAR	12,88,299	4,08,439	28,979	1,667,759		371,830	51,100	7,245	4,30,175	1,237,584	1,288,299
PREVIOUS YEAR	1,084,811	602,877	Nil	1,686,988		223,374	175,314	Nil	398,689		



Member Secretary

SCHEDULE 11 - CURRENT ASSETS, LOANS, ADVANCES ETC.

(Amount in Rupees)

A. CURRENT ASSETS:	Current Year	Previous Year
a) Stores and Spares	Nil	Nil
b) Loose Tools	Nil	Nil
c) Stock -in-trade		
Finished goods	Nil	Nil
Work-in-progress	Nil	Nil
Raw materials	Nil	Nil
2. Sundry Debtors:		
a) Debts Outstanding for a period exceeding 6 months	Nil	Nil
b) Others	Nil	Nil
3. Cash balances in hand (including cheques/drafts and imp rest)		
Cash -in- hand	Nil	1,127
Imprest	5,000	5,000
a) With Scheduled Banks:		
On current accounts	15,38,910	6,04,612
On Deposit Accounts	Nil	Nil
(includes margin money)		
On savings accounts	Nil	Nil
b) with Non-Schedules banks:		
On current accounts	Nil	Nil
On Deposit accounts	Nil	Nil
On savings accounts	Nil	Nil
5. Post Office-Savings Accounts	Nil	Nil
TOTAL A	15,43,910	6,10,739

SCHEDULE 11 - CURRENT ASSETS, LOANS, ADVANCES ETC. (Contd.)

B. LOANS, ADVANCES AND OTHER ASSETS:	Current Year	Previous Year
1. Loans:		
a. Staff	1,67,656	5,400
b. Other Entities engaged in activities/objectives similar	Nil	Nil
c. Other (specify)	Nil	Nil
2. Advances and other amounts recoverable in cash or for value to be received		
a. On capital Account	Nil	Nil
b. Prepayments		
Expenses Reimbursable by M/O External Affairs	Nil	27,978
Advance Payment to CPWD	96,800	18,24,411
c) Others		
Petrol account	5,000	5,000
Telephone Account	6,000	6,000
3. Income Accrued:		
a) On Investments from Earmarked/Endowment funds	Nil	Nil
b) On Investments - Others	Nil	Nil
c) On Loans and Advances	Nil	Nil
d) Others (includes income due unrealized - Rs.....)	Nil	Nil
4. Claims Receivable		
TOTAL B	2,75,456	18,68,789
TOTAL (A + B)	18,19,366	24,79,528



**SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2003**

SCHEDULE 13 - GRANTS/SUBSIDIES

(Irrevocable Grants & Subsidies Received)

(Amount in Rupees)

	Current Year	Previous Year
1. Central Government	12,25,20,000	10,80,00,000
2. State Government(s)	—	—
3. Government Agencies	—	—
4. Institutions/Welfare Bodies	—	—
5. International Organisations	—	—
6. Others (Specify)	—	—
TOTAL	12,25,20,000	10,80,00,000
Unspent balance of last year	6,38,717	6,21,277
	12,31,58,717	10,86,21,277



Member Secretary

SCHEDULE 14 - FEES / SUBSCRIPTIONS

(Amount in Rupees)

	Current Year	Previous Year
1. Entrance Fees	—	—
2. Annual Fees/Subscriptions	—	—
3. Seminar/Program fees	—	—
4. Consultancy Fees	—	—
5. Others (Specify):		
Received from Zoos with application for Recognition/Renewal	5,700	4,650
TOTAL	5,700	4,650



Member Secretary

SCHEDULE 18 - OTHER INCOME

(Amount in Rupees)

	Current Year	Previous Year
1. Profit on Sale/disposal of Assets:		
a) Owned assets	65,820	—
b) Assets acquired out of grants, or received free of cost		
2. Export Incentives realized	—	—
3. Fees for Miscellaneous Services	—	—
4. Miscellaneous Income	2,10,085	48,863
TOTAL	2,75,905	48,863

SCHEDULE 20 - ESTABLISHMENT EXPENSES

(Amount in Rupees)

	Current Year	Previous Year
a) Salaries and Wages	19,78,156	19,30,392
b) Allowances and Bonus	18,453	18,453
c) Contribution to Provident Fund	—	—
d) Contribution to Other Fund (specify) Superannuation Scheme	36,564	1,15,098
e) Staff Welfare Expenses	1,76,425	1,84,918
f) Expenses on Employees' Retirement & Terminal Benefits	—	—
g) Others (specify) Leave Salary & Pension Contributions	1,12,020	2,17,311
TOTAL	23,21,618	24,66,172



Member Secretary

SCHEDULE 21- OTHER ADMINISTRATIVE EXPENSES ETC. (Amount in Rupees)

	Current Year	Previous Year
I. Expenses		
a. Purchases	1,23,057	116,467
b. Conveyance and Cartages	23,941	15,728
c. Repairs and maintenance**	17,81,855	173,706
d. Vehicles Running and Maintenance	98,536	84,258
e. Postage, Telephone and Communication charges (Provisional 15,735)*	2,73,079	317,358
f. Printing and Publication	198,380	213,113
g. Traveling expenses	3,03,183	464,903
h. Legal Expenses	3,060	32,210
i. Consultancy charges	—	575,000
j. Audit Fees Paid	52,710	12,400
k. Audit Fees Payable (Provision)*	39,000	—
l. Hospitality Expenses	21,712	19,225
m. Advertisement and Publicity	124,435	167,070
n Others specify)		400
o. Bank Charges		47,564
P. Other Office expenses	36,915	
TOTAL	3079863	22,39,402
II. Payments against various projects		
a. Expenses on training, workshop and conferences	15,44,620	2,610,566
b. Expenses On Research Projects	8,030,000	92,414
c. Monitoring & Evaluation of Zoos	270,658	302,782
d. Education And Awareness	2,10,283	369,770
e. Ex-Gratia Payment to closed Mobile Zoos	1,020,000	—
TOTAL	1,10,75,561	33,75,532
III Unspent balance of GIA refundable to Ministry	1,400,000	638,717
TOTAL	15,55,424	6,253,651

Schedule 21 - Other Administrative Expenses (Cont.)

* Provisions of Telephone charges, Audit Fees were made for the expenditure accrued during 2002-03 but actually was incurred during 2003-04.

** An amount of Rs.17,27,611 was charged as expenditure in Income & expenditure after receiving the account from CPWD against the advance payment of Rs. 18,24,411 made in earlier years to CPWD.



Member Secretary

SCHEDULE 22 - EXPENDITURE ON GRANTS, SUBSIDIES ETC.

(Amount in Rupees)

	Current Year	Previous Year
a. Grant given to Institutions/Organisations	10,66,60,000	9,93,53,000
b. Subsidies given to Institutions/Organisations		
TOTAL	10,66,60,000	9,93,53,000



Member Secretary



SCHEDULE 2A - SIGNIFICANT ACCOUNTING POLICIES (Illustrative)

1. ACCOUNTING CONVENTION

The financial statements are prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting.

2. FIXED ASSETS

Fixed Assets are stated at cost of acquisition inclusive of inward freight, duties and taxes and incidental and direct expenses related to acquisition. In respect of projects involving construction, related pre-operational expenses (including interest on loans for specific project prior to its completion), form part of the value of the assets capitalized.

3. DEPRECIATION

3.1 Depreciation is provided on written down value method as per rates specified in the Income-tax Act, 1961 except depreciation on cost adjustments arising on account of conversion of foreign currency liabilities for acquisition of fixed assets, which is amortized over the residual life of the respective assets.

3.2 In respect of additions to/deductions from fixed assets during the year, depreciation is considered on pro-rata basis.

3.3 Assets costing Rs.5,000 or less each are fully provided.

4. GOVERNMENT GRANTS/SUBSIDIES

Government grants/subsidy are accounted on realization basis.

5. RETIREMENT BENEFITS

The Central Zoo Authority has adopted the Superannuation Pension Scheme of Life Insurance Corporation of India. Liability towards pension of the Central Zoo Authority Employees is discharged by making payment of the amount equivalent to the employers contribution applicable in CPF Scheme to the LIC on annual basis. In respect of 'Gratuity' the liability is being worked out on the basis of actuarial valuation. Provisions will be made accordingly after completing actuarial valuation.



Member Secretary

RECEIPTS AND PAYMENTS ACCOUNT FOR THE PERIOD/YEAR ENDED 31.3.2003 (Amount in Rupees)

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
<u>I. Opening Balances</u>			<u>1. Expenses</u>		
(a) Cash in Hand	1127	—	(a) Establishment Expenses (corresponding to Schedule 20)	*23,46,048	24,90,002
Imprest	5,000	5,000	(b) Administrative Expenses (corresponding to Schedule 21)	**13,01,717	22,56,002
(b) Bank Balances					
i) In current accounts	6,04,612	6,33,677			
ii) In deposit accounts	—	—			
iii) Savings accounts	—	—			
<u>II. Grants Received</u>			<u>II. Payments made against funds for various projects</u>		
(a) From Government of India	12,25,20,000	10,80,00,000	(Name of the fund or project should be shown along with the particulars of payments made for each project)		
(b) From State Government	—	—			
(c) From other sources (details)	—	—			
(Grants for capital & revenue exp. To be shown separately)					
			i) Grants-in-aid to Zoos	10,66,60,000	9,93,53,000
			ii) Monitoring & Evaluation of Zoos	2,70,658	3,02,782
			iii) Research Projects	80,30,000	92,414
			iv) Training, Workshop Conference	15,44,620	26,10,556
			v) Education & Awareness	2,10,283	3,69,770
			vi) Exgratia payment to closed mobile zoos	10,20,000	—

Contd. F

RECEIPTS AND PAYMENTS ACCOUNT FOR THE PERIOD / YEAR ENDED 31.3.2003

Contd./-

<u>III. Income on Investments from</u>					<u>III. Investments & deposit made</u>		
(a) Earmarked/Endow Funds	—	—	—	—	(a) Out of Earmarked/Endowment funds	—	—
(b) Own Funds (Oth. Investment)	—	—	—	—	(b) Out of own funds (Investments-Others)	—	—
<u>IV. Interest Received</u>					<u>IV. Expenditure on fixed Assets & capital work-in-progress</u>		
(a) On bank deposits	—	—	—	—	(a) Purchase of fixed assets	4,08,439	6,02,877
(b) Loans, Advances etc.	—	—	—	—	(b) Expenditure on capital work-in-progress	—	—
<u>V. Other Income (Specify)</u>					<u>V. Refund of surplus money/loans</u>		
Fees received from Zoos with Application of Recognition	5,700	4,650	—	—	(a) to the Government of India	—	—
<u>VI. Amount Borrowed</u>					(b) to the State Government	—	—
<u>VII. Any other receipts (give details)</u>					(c) to other providers of funds	—	—
(a) Other Receipts	3,32,862	48,863	—	—	<u>VI. Finance Charges (Interest)</u>	—	—
(b) Security deposit	—	5,000	—	—	<u>VII. Other Payments (Specify)</u>	1,11,006	1,04,745
(c) Recovery of Advances	10,880	9,900	—	—	(a) Payment of TDS	—	10,000
(d) Recovery of TDS	1,11,006	1,04,745	—	—	(b) Security Deposit (Released)	—	—
(e) Staff car recovery	**4,200	4,200	—	—	(c) Amount adjustable (By other departments)	—	27,978
(f) License fee	*24,430	23,830	—	—	(d) Staff advances	1,73,136	9,000
(g) Recoveries from Pay bills, Adjustable by other Deptts.	2,33,340	2,06,304	—	—	(e) Payments to other Deptt. (Recoveries from pay bills)	2,33,340	2,06,304

RECEIPTS AND PAYMENTS ACCOUNT FOR THE PERIOD / YEAR ENDED 31.3.2003

		<u>VIII. Closing Balances</u>			
	(a) Cash in Hand		—	1,127	
	Imprest		5,000	5,000	
	(b) Bank Balances				
	(i) In current accounts		15,38,910	6,04,612	
	(ii) In deposit accounts		—	—	
	(iii) Savings accounts		—	—	
TOTAL			12,38,53,157	10,90,46,169	10,90,46,169



Member Secretary

Figures of Schedule 20 w.r.t Receipt & Payment Account

Payment
(Estt. Charges) Receipt
Net

Rs. 23,46,048
Rs. 24,430

Rs. 23,21,618

** Figure of Schedule 21

Payment
Receipt

Rs. 13,01,717
Rs. 4,200

Net

Rs. 12,97,517

Add

Provisions

Rs. 15,735 (Telephone)

Expenditure accrued but not incurred till 31.3.2002

Rs. 39,000. (Audit Fees)

Add Adjustment of CPWD A/c charged as expenditure in
Income and Expenditure A/c.
As Exp. Income
And Exp. A/c

Rs. 13,52,252

Rs. 17,27,611

Rs. 30,79,863



Member Secretary

AUDIT CERTIFICATE

I have examined the Receipt & Payments Account, Income and Expenditure Account for the year ended 31st March, 2003 and the Balance Sheet as on 31st March, 2003 of the Central Zoo Authority, New Delhi. I have obtained all the information and explanations that I have required and subject to the observations in the appended Audit Report, I certify, as a result of my audit, that in my opinion these Accounts and Balance Sheet are properly drawn up so as to exhibit a true and fair view of the state of affairs of the Central Zoo Authority, New Delhi according to the best of information and explanation given to me and so shown by the books of the organisation.

Place: New Delhi

Dated: 9-1-2004



**PRINCIPAL DIRECTOR OF AUDIT
SCIENTIFIC DEPARTMENTS**

Audit Report on the Accounts of Central Zoo Authority New Delhi for the year 2002-03

Introduction

The Central Zoo Authority, New Delhi was established in February, 1992 under Section 38A of the Wildlife (Protection) Act, 1972. The Authority started functioning from 4th February, 1992. It is totally financed by grants and loans received from the Central Government. During the year 2001-2002, the Authority received grants amounting to Rs. 1080.00 lakhs from the Ministry of Environment and Forests, New Delhi.

The Accounts of the Authority are audited by the Comptroller and Auditor General of India under Section 19(2) of the Comptroller and Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with section 38 (G) of the Wildlife (Protection) Act, 1972 as amended.

Comments on Accounts :

1. Non Capitalization of Assets.

As per condition (iv) of the sanction letter issued by the Ministry of Environment and Forests, and condition (h) of Memorandum of Understanding, the Authority was required to furnish annually an extract of various assets created out of grant. It was, however, noticed that no such extract/statement of assets as mentioned above in respect of grants released to various zoos amounting to Rs. 1066.60 lakh during 2002-2003 by the Authority was appended with the annual accounts. In the absence of the Statement of Assets, the whole amount of grant to zoos amounting to Rs. 1066.60 lakh was depicted as revenue expenditure, which is incorrect. This was persistently pointed out in the earlier Audit Reports, but no progress in this regard has been made so far.

The Authority stated (November 2003) that the requisite extract / statement of assets created during 2002-03 was appended to the annual accounts of Central Zoo Authority, New Delhi and out of grants of Rs. 1066.60 lakh released to various zoos, the grant of Rs. 1066.60 lakhs was towards revenue expenditure. The reply is not tenable as the extract/statement attached to the annual A/cs is simply a detail of grant released to various zoos during 2002-03 and not specific about the kind of assets as to have been created out of the grant of Rs. 1066.60 lakhs.

2. Non receipt of utilization certificates amounting to Rs. 758.49 lakh.

The authority releases grants in aid to various zoos. It was observed that Utilization Certificates for Rs. 758.49 lakh were still awaited in respect of 35 zoos since 1997-98 as per details given below:-

SL. No.	Year	UC/s Pending (Rs. in lakh)	Nos of Zoos in r/o which UCs are pending
1.	1997 - 98	54.25	3
2.	1998 - 99	7.37	2
3.	1999 - 2000	65.27	8
4.	2000 - 01	196.21	9
5.	2001 - 02	435.39	23
	Total	758.49	45

3. Release of Rs. 22.45 lakh without receipt of Memorandum of Understanding

The authority released 1st instalment of Rs. 22.45 lakh on 18.3.2003 to Assam Agricultural University, Jorhat (Assam) for establishment of 'Modern diagnostic facilities and tools for investigations and diagnosis of Wildlife diseases'. The funds were released on the basis of photo copy of Memorandum of Understanding instead of Original Memorandum of Understanding.

The Authority stated (November, 2003) that signing of MOU is a lengthy process. Therefore, in order to start the work immediately, Central Zoo Authority has adopted the policy to release 50% of the funds immediately but only after stipulating the condition of MOU. The reply of CZA is not acceptable as the funds were released before the receipt of MOU.

4. Physical Verification

Physical Verification of assets of the Authority for the year 2002-03 had not been conducted in the absence of which the correctness of the value of assets of Rs. 12.38 lakh as depicted in the Balance Sheet could not be verified in audit.

5. Revision of Annual Accounts

During audit of accounts some discrepancies of misclassification were pointed out in all the three accounts i.e. Receipt and Payment Account, Income and Expenditure Account and Balance Sheet and Consequently the accounts were revised at the instance of Audit. Revision of accounts has resulted into increase of Rs. 2.67 lakh on the both the sides of receipt and payment accounts and increase of Rs. 1.00 lakh in the expenditure of income and expenditure accounts.

The revised schedules of Annual Accounts have been appended by CZA to the Annual Accounts.

Place : New Delhi

Date 9.1.2004


PRINCIPAL DIRECTOR OF AUDIT
SCIENTIFIC DEPARTMENTS

