

ANNUAL REPORT 2001-2002



केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

Photo : Front - Red Panda at Padmaja Naidu Himalayan Zoological Park, Darjeeling
Back - Flamingoes at Kamala Nehru Zoological Garden, Ahmedabad

Eleventh Annual Report (2001-2002)

CENTRAL ZOO AUTHORITY

**(Statutory Body Under the Ministry of
Environment & Forests, Government of India)**

Headquarter
Annexe No. 6, Bikaner House
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New Delhi-110011

CHAPTER - I

THE CENTRAL ZOO AUTHORITY

Central Zoo Authority was established in February, 1992 with the objective of overseeing the Management of zoos and provide them technical and financial assistance to facilitate attainment of the prescribed standards of animal upkeep.

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

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

- Coordinate research in captive breeding and educational programmes for the purposes of zoos;
- Provide technical and other assistance to zoos for their proper management and development on scientific lines;
- 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) Amendment Act, 1991, has reconstituted the Central Zoo Authority for the fourth time, vide 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 Central Zoo Authority. 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. Dr. Mathew C. John, Retd. Prof. & Head of Wildlife Science, Madras Vet. College, Chennai.
3. Ms. Jaishree Jethwani, Prof., Indian Institute of Mass Communication, New Delhi.
4. Shri J.C. Daniel, Former Director, Bombay Natural History Society, Mumbai.
5. Dr. Satnam Ahuja, Honorary Director, AHIMSA, Mumbai
6. Shri R.N. Hazarika, Retd. PCCF, Assam.

7. Shri R. Rathnagiri, Thinkers Forum, Thanjavur, Tamil Nadu.

iii) Permanent Invitees

To obtain greater technical inputs in the deliberations of the Central Zoo Authority, 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.



Meeting of C.Z.A. under the Chairmanship of Thiru T.R. Baalu, MEF

5. President, Association of Indian Zoos & Wildlife Veterinarians.

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

To facilitate the functioning of the Authority, three committees, namely, Administrative Committee, Technical Committee and Design Committee have been constituted. The composition and functions of these committees are as under:

Administrative Committee

The Administrative Committee is Chaired by DGF & SS, Ministry of Environment & Forests with following as Members:

1. Addl. DGF(WL),
Ministry of Environment & Forests
2. Joint Secretary & Financial Advisor,
Ministry of Environment & Forests
3. Joint Secretary (Admn.)
Ministry of Environment & Forests
4. Director, Wildlife Institute of India,
Dehradun
Member Secretary, Central Zoo
Authority is the Convenor of the
Committee

The functions of the Administrative Committee are:-

- i) To screen and approve the proposals regarding creation of posts and upgradation of existing posts in the Authority.



Meeting of Technical Committee under the Chairmanship of Addl. DGF (WL)

- ii) To approve proposals for awarding consultancies and contract appointments of group 'A' posts.
- iii) To approve annual budget of the Central Zoo Authority.
- iv) Any other matter referred to it by the Central Zoo Authority.

Technical Committee

The Technical Committee of the Authority is Chaired by Addl. DGF(WL) with following as Members:

1. Dr. (Ms.) Satnam Ahuja, AHIMSA, Mumbai
2. Shri R.N. Hazarika, Retd. PCCF, Assam.
3. Dr. B.M. Arora, President, Association of Indian Zoos & Wildlife Veterinarians.
4. Dr. Ashok Singh, Chief Wildlife Warden, (Retd.), Uttar Pradesh, Allahabad.
5. Director, Wildlife Institute of India, Dehradun.
6. Director (IFD), Ministry of Environment & Forests. Member Secretary, Central Zoo Authority is the Convenor of the Committee

The functions of the Technical Committee are:-

- i) To approve proposals for release of financial assistance to various zoos.
- ii) To approve exchange programme of animals between Indian zoos.
- iii) To make recommendations regarding exchange of animals with foreign zoos.
- iv) To approve proposals for organizing training programmes, workshops and meetings on various aspects of zoo management.
- v) Screening of research projects on issues related with zoos for funding by the Authority
- vi) To approve the proposals for grant of recognition to mini zoos/ deer parks.
- vii) To make recommendations regarding grant of recognition to large, medium and small zoos.
- viii) Any other function that may be assigned to it by the Central Zoo Authority from time to time.

Designs Committee

With a view to carry out the mandate for providing appropriate housing facility to the animals of Schedule I & II as per Rule 10 (20) of Recognition of Zoo (Amendment) Rules, 2001 a Design Committee has been constituted. Following is the composition of the Committee:

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

Member Secretary, Central Zoo Authority is the Convenor of the Committee

The functions of the Design Committee are:

- i) To scrutinize and suggest improvements/changes in the design of enclosures submitted by various zoos.
- ii) To suggest standards/ norms for designing of enclosures for various species.

CHAPTER - II

IMPORTANT INITIATIVES TAKEN BY THE CENTRAL ZOO AUTHORITY DURING THE YEAR

Since its inception in 1992, Central Zoo Authority has constantly been striving to improve functioning of zoos in the country to ensure quality life to the wild animals kept there. As a part of this endeavour, significant initiatives have been taken during the year under report. Major initiatives taken by the Authority during the year under report to improve the animal health care and upkeep standards in zoos are as given below:

1. The Recognition of Zoo Rules, 1992 were amended vide Notification No. GSR 520(E) dated 10.7.2001. Standards and norms for animal housing, veterinary health care and upkeep have been revised. The main features of these revised standards are as under:

- i) Every zoo shall have one full time officer incharge who shall be delegated adequate administrative and financial powers for proper upkeep and care of zoo animals.
- ii) Each large, medium and small zoo shall have a full time curator having a Masters degree in Wildlife Sciences/ Zoology. He shall be solely responsible for looking after the animal enclosures.
- iii) Every animal shall be provided feed inside a feeding cell or kraal with access to an outdoor enclosure. Minimum paddock area for free movement of the animal has also been prescribed with a view to

restrain zoos from keeping animals confined to feeding cells/ night shelters.

- iv) Every zoo shall report death of a critically endangered species to the Central Zoo Authority within twenty four hours.
 - v) Zoos should refrain from compromising the housing standards for accommodating animals in excess of their holding capacity.
2. 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, animal welfare organizations and research institutions and other Concerned
3. To provide specialized diagnostic facility for proper diagnosis of diseases affecting the zoo animals, financial assistance was approved to three Veterinary Institutions, namely, Orissa Veterinary College, Bhubaneswar; Madras Veterinary College, Chennai and Sher-e-Punjab Veterinary College, Jammu. These institutions will extend support in investigation and monitoring of animal diseases to the zoos located in their respective zones.

EVALUATION, MONITORING AND DEVELOPMENT OF ZOOS

I. EVALUATION

Large, Medium, Small & Mini Zoos:

Four large zoos, one medium zoo and four mini zoos were 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

As on 1.4.2001, the number of zoos recognized by the Authority stood at 182.

The number of derecognized zoos, which had been closed, stood at 63.

During the year under report, the functioning of zoos was monitored regularly with a view to ensure compliance of conditions and guidelines laid down by the Authority. As a result of this endeavour, the number of recognized, derecognized and closed zoos as on 31.3.2002 stood at 166, 90 and 90 respectively. List of these zoos is at **Annexure-III**.



A naturalistic animal enclosure at Vizag Zoo; designed on the concept of "borrowing the landscape".

III. Major improvements in the zoos

Central Zoo Authority continued to provide financial assistance to zoos for improvement of housing and health care of animals. Some of the significant improvements brought about in the zoos in the country during the period under report are as under:

1. New naturalistic enclosures for different species of animals at following zoos were completed:

Sl. Name of the Zoo No.	Name of the Species for which enclosures were constructed
1. Surat Zoo	Bear
2. Thiruvananthapuram Zoo	Bonnet macaque
3. Gwalior Zoo	Lion & Tiger
4. Mumbai Zoo	Otter
5. Sikkim Zoo	Blue sheep, Clouded leopard and Musk Deer
6. Darjeeling Zoo	Siberian Tiger & Himalayan Tahr
7. Mysore Zoo	Nilgiri langur
8. Tirupati Zoo	Tiger
9. Nainital Zoo	Snow leopard

2. With a view to prevent recurrence of poaching of tiger at Hyderabad Zoo, a novel round the clock electronic surveillance system was put into operation at the zoo.

3. Financial assistance of Rs. 87.35 lakhs was provided to five zoos, namely, Patna Zoo, Ahmedabad Zoo, Pune Zoo, Mizoram Zoo & Sikkim Zoo for construction of new veterinary hospitals. Details of amount released is at **Annexure-VII**.

4. With a view to planned development of zoos, layout master plan of Veermata Jijabai Udyan Zoo, Mumbai and Rajkot Zoo at new sites were finalized and approved.

CHAPTER - IV

Planned Breeding of Endangered Species

2. With a view to initiate planned breeding of endangered pheasants in the country, Central Zoo Authority in association with the World Pheasant Association initiated a programme for ringing of pheasants. In the first phase, closed rings were applied to newborn chicks of Bhutan grey peacock pheasant in Alipore zoo and Red Jungle fowl in National Zoological Park, Delhi and Himalayan Nature Park, Kufri (Shimla).

3. Proper documentation of the lineage of captive bred animals is necessary for planned breeding programme of the endangered species in scientific manner

With the technical and financial support provided by the Central Zoo Authority, 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 Wild Ass, Serow, Swamp deer, Sangai, Snow leopard, clouded leopard, Red panda, Nilgiri langur, Lion tailed macaque, Nicobar pigeon and Monal pheasant. List of birth of animals of important endangered species is at **Annexure-IV**



Successful breeding of endangered species : Female Rhino with its calf at Patna Zoo

and prevent their inbreeding. With this objective, Wildlife Institute of India (WII) Dehradun, was awarded a project for compilation of studbooks for five species namely one horned rhinoceros, Indian lion, Bengal tiger, lion tailed macaque and golden langur. The studbooks were compiled. These studbooks are currently being updated by the Wildlife Institute of India. An amount of Rs. 3,34,650/- was released to the Institute for this purpose.

Exchange programme

During the year, the Technical Committee of the Central Zoo Authority met on 12th April 2001, 13th July, 2001, 27th September, 2001 and 4th February, 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. List of the proposals is placed at **Annexure-V**.

HEALTH CARE OF ZOO ANIMALS

The expertise available with the zoos in management of the captive wild animal is limited. With a view to generate greater awareness among zoo veterinarians, about the need for having a systematic and scientific approach to health care of captive wild animals, Association of Indian Zoo and Wildlife Veterinarians organized a National Workshop on "Basics of Captive Wild Animal Management" on 26th to 28th April, 2001 at New Delhi. An amount of Rs 3.50 lakhs was provided to the Association for organizing the Workshop. The recommendations of the Workshop have been circulated to all the zoos in the country so that they may take appropriate measures for improving health

care standards of wild animals in their collection.

As part of the ongoing programme of strengthening existing diagnostic facilities in Veterinary Institutions, proposal for financial assistance to the tune of Rs. 84.98 lakhs to three Institutions, namely, Orissa Veterinary College, Bhubaneswar; Tamil Nadu Veterinary and Animal Sciences University, Chennai and Sher-e-Kashmir University of Agricultural Sciences & Technology, Jammu were approved. A sum of Rs. 16.15 lakhs was released to Orissa Veterinary College, Bhubaneswar after signing of the Mou.



Application of modern tools in disease diagnosis :
ultrasound scanning of Sangai

Central Zoo Authority continued to monitor the guidelines for screening of animals against infectious diseases and improving hygiene in the zoo. The

compliance of these guidelines have been reflected in the overall mortality rate of tigers in the country during 2001-02, which stood at 9.74% an all time low during the last six years.

RESEARCH & TRAINING

Research : Laboratory for Conservation of Endangered Species (LaCONES)

The Central Zoo Authority has been providing financial assistance to Centre for Cellular and Molecular Biology (CCMB), Hyderabad, since 1994 for carrying out research in various areas of molecular biology for complementing the ongoing efforts for conservation of endangered animals. The initial success achieved by CCMB has opened new vistas for further exploration.

It was, therefore, realized that a

separate laboratory under CCMB should be established to undertake research in various aspects of molecular biology relating to endangered species. The concept of establishing the Laboratory for Conservation of Endangered Species (LaCONES) emanated in this context from a well considered view to focus attention on the relevant area of biotechnological interventions in the preservation of genetic diversity and conservation and propagation of endangered species of wildlife in the country.

Hon'ble Minister, Environment & Forests, who is also Chairman of the



Capacity Building of Zoo personnel : Zoo Keepers training at Ahmedabad Zoo

Authority, formally laid foundation stone of the Laboratory on 16.9.2001 at Hyderabad. The Laboratory building is coming up on five acres of land donated by Andhra Pradesh Government near Nehru Zoological Park, Hyderabad.

Training

1. A two-week capsule course in Endangered Species and Zoo Management for Zoo Supervisors/ middle level zoo managers was organized at Van Vihar National Park, Bhopal during February 2002 in collaboration with the Wildlife Institute of India at a cost of Rs 5.00 lakhs. 25 participants attended it.
2. Training programme for Zookeepers was organised in Nandankanan Biological Park, Bhubaneswar (from 17.12.2001 to 23.12.2001); Kanpur Zoological Park, (from 1.2.2002 to 11.2.2002); Kamla Nehru Zoological Park, Ahmedabad (from 22.1.2002 to 28.1.2002) and Assam State Zoo, Guwahati (from 16.3.2002 to 22.3.2002). In all, 72 animal keepers were trained. Two keepers from King Mahendra Trust for Nature Conservation, Nepal participated in the training programme at Kanpur Zoo.
3. Shri B. S. Bonal, Director, National Zoological Park, Delhi and Dr. Abhijit Biswas, Veterinary Officer, Zoological Garden, Alipore, Kolkata participated in a three weeks course on "*Conservation of Endangered Species*" at Durrell Wildlife Conservation Trust, UK during July-August, 2001. The Central Zoo Authority provided Rs 3.49 lakhs to meet the fees, travel and stay costs of the two officers.
4. A Training-cum-Workshop for zoo & forest officials of North-East India on "Wildlife Rehabilitation and Chemical Restraint" was organized by the Wildlife Trust of India from 27th February to 7th March, 2002, at Guwahati and Itanagar. The Central Zoo Authority provided financial assistance of Rs.3.59 lakhs for this workshop. A total of 91 participants attended the Training-cum-Workshop.

RESCUE AND REHABILITATION

REHABILITATION OF ANIMALS FROM CIRCUSES:

The Government of India put a ban in 1998 on performance of lion, tiger, panther, bear and monkeys by the circuses. Consequent to the ban, these animals were to be rehabilitated by creating appropriate facilities. As Indian zoos did not have the requisite facilities to rehabilitate all these animals, the Central Government entrusted the task of establishment of rescue centres to the Authority for rehabilitating tigers and lions surrendered by circuses. Accordingly, five rescue centres have been established in off-display area of 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

The aforesaid five centres have now become functional. A total of 116 lions and 6 tigers from thirteen circuses have been rehabilitated at these centres as on 31.3.2002. Details are at **Annexure - VI**.

An amount of Rs.116.80 lakhs was released towards meeting the feeding & upkeep cost of the rescued animals at these centres.

CHAPTER-VIII

ADMINISTRATIVE MATTERS

The position in respect of the sanctioned posts under the Central Zoo Authority 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	Vacant
Data Processing Assistant	5000-8000	1	Shri Vivek Goel
Personal Assistant	5000-8000	2	Ms. Seema Burreja Ms. Neeti Gulati
U.D.C.	4000-6000	1	Shri R.S. Rawat
Cashier	4000-6000	1	Cashier work is being handled by UDC
L.D.C.	3050-4590	1	Vacant since 27/08/1999
Driver	3050-4590	1	Shri Hari Singh
Peon	2550-3200	2	Shri Thakur Das Shri Pramod Kumar Jha

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

The Administrative Committee of Central Zoo Authority in its meeting held on 10th December, 2001 has approved engagement of two scientists, two data entry operators and one LDC on contract basis. It was also approved that one stenographer and one evaluation & monitoring assistant (retired personnel) may be engaged on contract basis. Accordingly the Services of

Shri Bipul Chakrabarty were continued during the year to work as Scientist on contract basis. One Data Entry Operator, one stenographer & 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 Department of Personnel and Training Order No. 51016/2/90-Estt.(c) Dated 10.9.1993, by Central Zoo Authority 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 Central Zoo Authority had received Rs.1080 lakhs as Grants-in Aid from the Ministry of Environment and Forests. Out of this, a sum of Rs. 993.53 lakhs was released as Grant to Zoos during the year. This included Rs. 63.80 lakhs for creation of rescue centres for rehabilitation of rescued animals and Rs. 122.30 lakhs towards cost of feed and up-keep of rescued animals. A list of zoos, which received financial assistance from the Central Zoo Authority during 2001-2002, showing activity-wise details, is placed at **Annexure - VII.**

Annual Accounts & Audit

The accounts of Central Zoo Authority 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 Central Zoo Authority for the year were submitted to the Principal Director of Audit, Scientific Department on 3rd May, 2002. The Local Audit Party of the office of Principal Director of Audit have conducted on the spot detailed audit of the Accounts of the Authority from 30th May, 2002 to 13th June, 2002. The copies of the audited accounts for the year 2001-2002 containing Receipts & Payments Accounts, Income & Expenditure Accounts and the Balance Sheets as on 31.3.2002, with schedules, are placed at **Annexure-VIII to X.** The Audit Report is placed at **Annexure-XI.**

ZOOS EVALUATED DURING 2001-2002

Large Zoos

S.No.	Name of the State	Name of the Zoo
1.	Maharashtra	Veermata Jijabai Udyan Zoo, Mumbai
2.	Punjab	M.C. Zoological Park, Chat Bir
3.	Uttar Pradesh	Kanpur Zoological Park
4.	West Bengal	Zoological Garden Alipore, Kolkata

Medium Zoos

1.	Chattisgarh	Maitri Bagh Zoo, Bhilai
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Mini Zoos

1.	Chattisgarh	Kanan Pendari Zoo, Bilaspur
2.	Maharashtra	Nisargakavi Bahinabai Choudhary Pranisangrhalaya, Pimpri Chinchwad, Pune
3.	Maharashtra	Pratap Singh Udyan Zoo, Sangli
4.	Madhya Pradesh	Ganga Sagar Prani Sangrhalaya, Ratlam

ZOOS GRANTED RECOGNITION DURING THE YEAR

Mini Zoos

S.No.	Name of the State	Name of the Zoo
1.	Haryana	Mini Zoo, Pipli
2.	Dadra and Nagar Haveli	Vasona Lion Safari
3.	Orissa	Indira Gandhi Zoo and deer Park, Rourkela

ZOOS WHOSE RECOGNITION HAVE BEEN WITHHELD / REFUSED RECOGNITION

S.No.	Name of the State	Name of the Zoo
Recognition withheld		
1.	Chattisgarh	Kanan Pendari Mini Zoo, Bilaspur
Recognition Refused		
1.	Kerala	Deer Park, Wallayar
2.	Andhra Pradesh	Deer Park, Rajamundry
3.	Himachal Pradesh	Tutikandi Zoo, Shimla
4.	West Bengal	Bellilious Zoo, Howrah

ZOOS WHICH WERE CLOSED DURING THE YEAR

S.No.	Name of the State	Name of the Zoo	Remarks
1.	Andhra Pradesh	Deer Park, Hakimpet	The proposal was shelved by the Air Force
2.	Bihar	Jaiprakash Park, Bodhgaya	Animals relocated to Rajgir
3.	Daman and Diu	Deer Park, Daman	Animals yet to be relocated.
4.	Himachal Pradesh	Nehru Pheasantry, Manali	Animals yet to be relocated
5.	Himachal Pradesh	Jawahar Park Zoo, Solan	Animals relocated to Chhatbir Zoo, and Ludhiana Zoo in Punjab
6.	Madhya Pradesh	Ganga Sagar Prani Sangrhalaya, Ratlam	Animals relocated to Indore Zoo

**List of recognised Zoos in the country
As on 31.3.2002**

S.NO.	State	Name of the Zoo	Location
1.	A&N ISLANDS	MINI ZOO, HADDO	PORT BLAIR
2.	ANDHRA PRADESH	DEER PARK-SATYAM TECHNOLOGY CENTRE	DISTT. RANGA REDDY
3.		DEER PARK, CHITTOOR RESERVE FOREST	CHITTOOREAST DIVISION
4.		DEER PARK, KESORAM CEMENT	BASANT NAGAR
5.		DEER PARK, NFCL GREEN BELT	KAKINADA
6.		G.V.K. INDUSTRIES DEER PARK	HYDERABAD
7.		HIMAYAT SAGAR MINI ZOO	DISTT. RANGA REDDY
8.		INDIRA GANDHI ZOOLOGICAL PARK	VISAKHAPATNAM
9.		JAWAHAR LAKE TOURIST COMPLEX	SHAMIRPET
10.		KINNERASARI DEER PARK	KINNERSARI
11.		MAANAS SAROVAR-NATURE PARK	GUNTUR
12.		MAHAVIR HARINA VANASTHALI DEER PARK	VANASTHALIPURAM
13.		MRUGAYA-NI CHILKUR DEER PARK	CHILKOR
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 VENKATESHWARA ZOOLOGICAL PARK	TIRUPATI
19.		VANAVIGYAN KENDRA, HUNTER ROAD, HANAMKONDA	WARANGAL
20.		VIJAY VIHAR DEER PARK	NAGARJUN NAGAR
21.	ARUNACHAL PRADESH	ITANAGAR ZOOLOGICAL PARK	ITANAGAR
22.	ASSAM	ASSAM STATE ZOO CUM BOTANICAL GARDEN	GUWAHATI
23.	BIHAR	SANJAY GANDHI BIOLOGICAL PARK	PATNA
24.	CHATTISGARH	MAITRI BAAGH ZOO	BHILAI
25.	DADRA & NAGAR HAVELI	DEER PARK	SATMALIYA
26.		VASONA LION SAFARI	VASONA
27.	DELHI	DEER PARK	HAUZ KHAS
28.		NATIONAL ZOOLOGICAL PARK	DELHI
29.	GOA	BONDLA ZOO	USGAO
30.	GUJARAT	FERTILIZER NAGAR DEER PARK	BARODA
31.		INDRODA NATURE PARK	GANDHI NAGAR

32.		KAMLA NEHRU ZOOLOGICAL GARDEN	AHMEDABAD
33.		NATURE EDUCATION CENTRE	JAMNAGAR
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	HISSAR
40.		MINI ZOO, PIPLI	PIPLI
41.		ROHTAK ZOO	ROHTAK
42.	HIMACHAL PRADESH	DHAULADHAR NATURE PARK	GOPALPUR
43.		HIMALAYAN NATURE PARK	KUFRI
44.		PHEASANTRY & MUSK DEER FARM	SARAHAN
45.		PHEASANTRY AT CHAIL	SOLAN
46.		RENUKE ZOO / LION SAFARI	SIRMUR
47.	JAMMU & KASHMIR	MANDA MINI ZOO	JAMMU
48.		MANSAR MINI ZOO	MANSAR
49.		SRINAGAR DEER PARK CUM ZOO	SRINAGAR
50.	JHARKHAND	BHAGWAN BIRSA BIOLOGICAL PARK	RANCHI
51.		BIRSA MRIG VIHAR	KALAMATI
52.		CHANDRAPURA DEER PARK	CHANDRA PURA
53.		D.V.C. DEER PARK	MAITHON DAM
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.		KUDREMU KH MINI ZOO	CHICKMAGLUR
64.		MINI ZOO A.M. GUDI BALVANA	VHITRADURGA

65.		MINI ZOO AT GENDEKATTE	HASSAN
66.		MINI ZOO CUM CHILDREN PARK	GULBARGA
67.		NAMADACHILUME DEER PARK	TUMKUR
68.		NATIONAL PARK, BANNERGHATTA ZOOLOGICAL GERDEN	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	THIRUNVANANTHAPURAM
74.		LION SAFARI PARK AT NAYYAR DAM	THIRUNVANANTHAPURAM
75.		SRI LOK NAYAK JAYA PRAKASH NARAYAN SMRITY VAN	WALAYAR
76.		STATE MUSEUM & ZOO	THIRUSSUR
77.		THIRUNVANANTHAPURAM ZOO	THIRUNVANANTHAPURAM
78.	MADHYA PRADESH	GANDHI ZOOLOGICAL PARK	GWALIOR
79.		KAMLA NEHRU PRANI SANGHRAHALAYA ZOO	INDORE
80.		VAN VIHAR NATIONAL PARK	BHOPAL
81.		DEER PARK, TATA INTERNATIONAL	DEVAS
82.	MAHARASHTRA	AURANGABAD MUNICIPAL ZOO ✓ 1	AURANGABAD
83.		MAHARAJA SHAHAJI CHHATRAPATI ZOO ✓ 2	KOLHAPUR
84.		MAHARAJBAG ZOO ✓ 3	NAGPUR
85.		MAHATMA GANDHI RASTRIYA UDYAN ZOO ✓ 4	SOLAPUR
86.		NATURE PARK ✗	KARANJA
87.		PAL WILD ANIMAL ORPHANAGE ✗	JALGAON
88.		PRATAP SINGH UDYAN & ZOO ✗	SANGLI
89.		RAJIV GANDHI ZOOLOGICAL PARK ✓ 5	PUNE
90.		SANJAY GANDHI NATIONAL PARK	BORIVALI (EAST)
91.		SNAKE PARK, SHIKSHAN MANDAL 6	KOLHAPUR
92.		SOMNATH PRAKALPA ZOO ✗	CHANDRAPUR
93.		VASANT SMRUTI MRIG VIHAR, UMARSARA ✗	YEOTMAL
94.		VEERMATA JIJABAI BHOSALE UDYAG & ZOO 7	MUMBAI
95.		NISARGAKAVI BAHINABAI CHOUDHARY PRANISANGA HALAY 8	PUNE, PIMPRI
96.	MANIPUR	MANIPUR ZOOLOGICAL GARDEN	IMPHAL
97.	MEGHALAYA	LADY HYDARI PARK, ANIMAL LAND	SHILLONG
98.	MIZORAM	AIZWAL ZOO	AIZWAL

99.		DEER PARK, THENZAWL	THENZAWL
100.	NAGALAND	ZOOLOGICAL PARK, KOHIMA	KOHIMA
101.	ORISSA	GANDHAMARDAN DEER PARK	✓ BALANGIR
102.		GHARIAL RESERCH & 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 FOREST DIVISION	✓ 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	CHENNAI
125.		CHENNAI SNAKE PARK	CHENNAI
126.		CHILDREN'S CORNER	CHENNAI
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	MAHABALIPURAM	
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	ARANAYA VIHAR, WALIPURA ✕	BULAND SHAHAR	
138.		BAN DEVI RECREATION PARK ✕	MAU	
139.		CHEETAL PARK, KHATOLI ✕	MUZAFFAR NAGAR	
140.		DEER PARK ✕	MORADABAD	
141.		DEER PARK, KUKRAIL ✕	KUKRAIL	
142.		DEER PARK, HINDALCO INDUSTRIES LTD. ✕	SUNBHADRA	
143.		GHARIAL REHABILITATION CENTRE ✓	KUKRAIL	
144.		INDIRA MANORANJAN VAN (DEER PARK), MEHEWA ✓	LAKHIMPUR KHERI	
145.		KANPUR ZOOLOGICAL PARK ✓	KANPUR	
146.		LUCKNOW PRANI UDYAN ✓	LUCKNOW	
147.		NAWABGANJ DEER PARK ✓	UNNAO	
148.		SARNATH DEER PARK ✓	VARANASI	
149.		TRIVENI ENVIRONMENT PARK, ALLAHABAD ✕	ALLAHABAD	
150.		VAN PRANI UDYAN, I.V.R.I. ✓	BAREILLY	
151.		VINOD VAN MINI ZOO, RAMGARH ✓	GORAKHPUR	
152.		DEER PARK AT IFFCO, BAREILLY	BAREILLY	
153.		UTTARANCHAL	DEER PARK, NARAIN TEWARI DEWAL	ALMORA
154.			MALSI DEER PARK	DEHRADUN
155.			PT. GOVIND BALLABH PANT HIGH ALTITUDE ZOO	NAINITAL
156.	RAMPUR MANDI DEER PARK & AVIARY		KALSI	
157.	WEST BENGAL	ALIPORE ZOOLOGICAL GARDEN	KOLKATA	
158.		CALCUTTA SNAKE PARK, ZOOLOGICAL GARDEN	24 PARGANA (NORTH)	
159.		DEER PARK (MINI ZOO)	JHARGRAM	
160.		DEER PARK DOW HILL	KURSEONG	
161.		KUMARI KANGSABUTI DEER PARK, BONPAKURIA	BANKURA	
162.		LIFE SCIENCE CORNER, BIDHAN NAGAR	BURDWAN	
163.		MARBLE PALACE ZOO	KOLKATA	
164.		MINI ZOO SCIENCE CITY	KOLKATA	
165.		PADMAJA NAIDU HIMALAYAN ZOOLOGICAL PARK	DARJEELING	
166.		WEST BENGAL SNAKE PARK & LABORATORY, BADU	24-PARGANA (NORTH)	

List of Zoos not recognized (As on 31.3.2002)

S.NO.	State	Zoo Name	Location
1.	ANDHRA PRADESH	MUNICIPAL DEER 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.	CHATTISGARH	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	BALBHAVAN ZOO	RAJKOT
16.	HIMACHAL PRADESH	MINI ZOO, KALAPUL	DHARAMSHALA
17.		NEHRU PHEASANTRY	MANALI
18.		REWALSAR WILDLIFE ZOO	MANDI
19.	JHARKHAND	MUGGER BREEDING CENTRE	MUTA
20.	KARNATAKA	ANTHARAGANGE CHILDREN PARK	KOLAR
21.		CHILDREN'S MINI ZOO	DHARWAD
22.		CHILDREN'S PARK SIRSI DIVISION	SIRSI
23.		DEER PARK AT HALIYAL TOWN	UTTAR KANNADA DISTRICT
24.		DEER PARK AT SHRI KSHETRA SOGAL	SOUNDATTI
25.		KAIWARA TAPOWANA CHINTAMANI TALLUK	KOLAR
26.		KARADIGUDDA DEER PARK	KARJAGI
27.		KEMPAMBUDI DEER PARK	BANGALORE
28.		KEMPEGOWDA VANADHANA, SAVANADURGA	MAGADI TALUK
29.		MINI DEER PARK	CHICKMAGLUR
30.		MINI ZOO AT INDUVAL NATURE PARK (PRAKRUTI VANA)	MANDYA
31.		MINI ZOO AT KONDAJJI DEER PARK	CHITRADURGA
32.	MINI ZOO AT MINAKANAGURKAI	KOLAR	

33.		NATURE PARK		
34.		SORAKAYALAHALLI CHILDREN ZOO & DEER PARK	RAICHUR	
35.	KERALA	CROCODILE FARM	KOLAR	
36.		CROCODILE FARM	CALICUT	
37.		DEER PARK AT CALICUT	NAYYAR DAM	
38.		DEER PARK	CALICUT	
39.		MINI ZOO	PONMUDI	
40.		PARASSINIKKADAVU SNAKE PARK	KODANADU	
41.		MADHYA PRADESH	GHARIAL REARING CENTRE, DEORI	KANNUR
42.			KATAYGHAT SOORMYA ZOO	MORENA
43.	MRIGNAYANI DEER PARK		KATNI	
44.	NANDAN VAN ZOO		PANCHMARHI	
45.	S.F.R.I. ZOO		RAIPUR	
46.	VIKRAM VATIKA ZOO		JABALPUR	
47.	MAHARASHTRA		AMITA ZOO & BREEDING FARM	UJJAIN
48.			AMTE'S ANIMAL PARK & ORPHANAGE CUM RESCUE HOME	MUMBAI
49.		AVICULTURE AND CAPTIVE BREEDING CENTRE	GADCHIROLI, ALLAPALLI	
50.		ESSELWORLD SNAKE PARK	THANE	
51.		SURYAVAN ZOO	WORLI, MUMBAI	
52.		TIKUJI-NI-WADI ZOO	RAIGAD	
53.		MEGHALAYA	RAM KRISHAN ZOO	THANE
54.			TURA ZOO	SHILLONG
55.	ORISSA	CHILKA DEER PARK	AKHONGINI TURA	
56.		DEER PARK, PAPADAHANDI	PURI	
57.		HARISHANKAR DEER PARK	NAWARANGPUR ✓	
58.		MUNICIPAL DEER PARK	BALANGIR ✓	
59.		PANTHANIVAS DEER PARK, CHANDIPUR	CUTTUCK ✓	
60.		REGIONAL SCIENCE CENTRE ZOO	BALASORE	
61.		TAPTAPANI DEER PARK	BHUBANESWAR	
62.		TRIBAL MUSEUM ZOO	PARLAKHEMUNDI ✓	
63.		DEER PARK AT BERHAMPUR UNIVERSITY	KORAPUT	
64.		RAJASTHAN	KOTA ZOO	BERHAMPUR
65.	MRIG VAN		KOTA	
			CHITORGARH	

66.	TAMIL NADU	MANJUNATHA MINI ZOO (MOBILE), NESAPAKKAM	MADRAS	
67.		MINI ZOO	COURTALLAM	
68.	UTTAR PRADESH	✓ CHEETAL GRAND MOTELS PVT. LTD.	MUZAFFAR NAGAR	
69.		✓ DEER PARK, AIR FORCE	MEMAURA	
70.		INDIRA PARK	BIJNORE	
71.		KATERNIAGHAT GHARIAL REHABILITATION CENTRE	BAHRAICH	
72.		LAXMAN PAHARI MRIG VIHAR (DEER PARK)	BANDA	
73.		LITTLE SCHOLARS ACADEMY, AMROHA	AMROHA	
74.		MINI ZOO & BREEDING FARM	MEERUT CANTT.	
75.		VAN CHETNA KENDRA	AGRA	
76.		VAN CHETNA KENDRA, KUMARGANJ	FAIZABAD	
77.		VAN CHETNA KENDRA, VRINDAVAN	MATHURA	
78.		VAN VIHAR	JAUNPUR	
79.		VAN CHETNA KENDRA, BROOK LAND ESTATE	MUSOORIE	
80.		VANYA JANTI VIHAR, DAK PATHAR	DEHRADUN	
81.		WEST BENGAL	BELILIUS PARK	HOWRAH
82.			CHITRA TOURING, J.N. SARKAR STREET	CALCUTTA
83.			CORPORATION PARK, JOGMAYA	HOWRAH
84.			DEER PARK, BELARI SRI RAM KRISHNA ASHRAM	HOWRAH
85.			GAR CHUMUK (ULUGHATA) DEER PARK	ULUGHATA
86.			GARMANDARAN HOOGHLY ZILA PARISHAD	HOOGHLY
87.	KRISHNA SAYAR SNAKE PARK		BURDWAN	
88.	RAMKRISHNA MISSION VIDYALAYA, STUDENT HOME		NARENDRAPUR	
89.	RAPHEAL ACADEMIC & VOCATIONAL SCHOOL		DARJEELING	
90.	SNAKE PARK REPTILE, RESEARCH & SNAKE BITE TREATMENT CENTRE		DIGHA	

List of Closed Zoos (As on 31.3.2002)

S.No.	State	Name of the Zoo	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	TIRUPATI
9.		ANARPATHI EDUCATIONAL SOCIETY	ANARPARTHI
10.	ASSAM	BIJNI PARK CUM MINI ZOO	GUWAHATI
11.	BIHAR	AJANTA TOURIST ZOO, MIRSHIKAR TOLI	PATNA
12.		AMAR TOURIST ZOO	PATNA
13.		BAJRANG ZOO	DURBHANGA
14.		BHARAT ZOO, GULZAR BAGH	PATNA
15.		DIAMOND TOURIST ZOO	PATNA
16.		GEMINI TOURIST ZOO	PATNA
17.		JAIPRAKASH PARK	BODH GAYA
18.		NEW JANTA TRAVELLING ZOO, MIRSHIKAR TOLI	PATNA
19.		NEW RAMOND TOURIST	PATNA
20.		RAMOND TOURIST ZOO, MIRSHIKAR TOLI	PATNA
21.		SRI PRAMOD (TOURING ZOO)	MUZAFFARPUR
22.		TOURIST JANTA ZOO	PATNA
23.	CHATTISGARH	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, ABUBSHAHR	ABUBSHAHR, DISTT. SIRSA
29.		MINI ZOO, BHIWANI	BHIWANI
30.		MINI ZOO, JIND	JIND
31.		MINI ZOO, PINZORE	PINZORE
32.	JHARKHAND	CHACHA NEHRU ISLAND	TAILAIYA

33.	KARNATAKA	CHILDREN'S PARK MINI ZOO	SHIMOGA
34.		DEER CHILDREN & SNAKE PARK AT KADRI HILL	MANGALORE
35.		DEER PARK AT JIJHAL	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.		SHANTINIKETAN STUDENT NATURE CLUB & ZOO	SANGLI
49.		SHIVAJI UDYAN	NASIK
50.		SHRI GAJANAN VATIKA	BULDANA
51.		SNAKE PARK	NAGPUR
52.		VAYU SENA 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	MUKKOMBUR
64.		MONTFORT SCHOOL MINI ZOO, YERCAUD	SALEM
65.		ST. JOSEPH'S MINI ZOO	COONOOR
66.	TRIPURA	DEER PARK, PATICHARI	PATICHARI

67.	UTTAR PRADESH	AZAD CHIRYA GHAR (TOURING)	VARANASI
68.		BAJRANG TOURING ZOO	VARANASI
69.		BHARAT MINI ZOO, CHILKANA	SAHARANPUR
70.		BHARTIYA TOURING ZOO	SITAPUR
71.		BINA KAMAL GOLDEN ZOO	BULAND SHAHAR
72.		CHETNA KENDRA, RIDHANI RANGE	MEERUT
73.		MRIG VIHAR VAN CHETNA KENDRA - MOTH	JHANSI
74.		NAWAB TANK MRIG VIHAR	BANDA
75.		NEHRU VAN CHETNA KENDRA	ETAH
76.		NEW PARDESI TOURING ZOO	HARDOI
77.		PARDESI CHIRYA GHAR, SITAPUR, AVODH	HARDOI
78.		SHUKRATAL CHITAL PARK	MUZAFFAR NAGAR
79.		UTTAR PRADESH	VAN CHETNA KENDRA
80.	VAN CHETNA KENDRA, MUKANDPUR		ALIGARH
81.	VAN CHETNA KENDRA, NAGAL		SAHARANPUR
82.	VAN CHETNA KENDRA, NARORA		BULAND SHAHAR
83.	VAN MANORANJAN KENDRA		RAMPUR
84.	WYNDHUM FALL MINI ZOO		MIRZAPUR
85.	UTTARANCHAL	SANJAY GANDHI MRIG VATIKA, MANGALORE	HARIDWAR
86.	WEST BENGAL	ANITA MOBILE ZOO	BARUIPUR
87.		BIRLA INDUSTRIAL & TECHNOLOGICAL MUSEUM, ANIMAL ORIUM	KOLKATA
88.		DEEPAK MITRA'S SNAKE HOUSE, HINDUSTAN PARK	KOLKATA
89.		FAMOUS MOBILE ZOO	HOWRAH
90.		JAYA MOBILE ZOO	HOWRAH

Important Births of Endangered Species in Zoos - 1.4.2001 to 31.3.2002

ANNEXURE-IV

ANIMAL NAME	SCIENTIFIC NAME	ZOO NAME	TOTAL
FOUR HORNED ANTELOPE - CHOWSINGHA	<i>Tetraceros quadricornis</i>	BONDLA ZOO, GOA	3
		MARBLE PALACE ZOO, KOLKATA	2
		NATIONAL ZOOLOGICAL PARK, DELHI	1
		NATURE PARK, SURAT	1
		RAJIV GANDHI ZOOLOGICAL PARK, PUNE	2
		SAKKARBAUG ZOO, JUNAGARH	1
INDIAN ASS WILD	<i>Equus hemionus khur</i>	SRI VENKATESWARA ZOOLOGICAL PARK, TIRUPATI	1
		VEERMATA JIJABAI BHOSLE UDYAN & ZOO, MUMBAI	6
SLOTH BEAR	<i>Melursus ursinus</i>	SAKKARBAUG ZOO, JUNAGARH	1
		NANDANKANAN ZOOLOGICAL PARK, BHUBANESHWAR	5
		SAKKARBAUG ZOO, JUNAGARH	2
		SRI VENKATESWARA ZOOLOGICAL PARK, TIRUPATI	1
FISHING CAT	<i>Felis viverrina</i>	NATIONAL ZOOLOGICAL PARK, DELHI	1
LEOPARD CAT	<i>Felis bengalensis</i>	ASSAM STATE ZOO CUM BOTANICAL GARDEN GUWAHATI	3
		KANPUR ZOOLOGICAL PARK	2
		NATIONAL ZOOLOGICAL PARK, DELHI	5
		SEPAHIJALA ZOOLOGICAL PARK, AGARTALA	3

CHINKARA - INDIAN GAZELLE	<i>Gazella gazella bennetti</i>	ZOOLOGICAL GARDEN ALIPORE, KOLKATA	1
		AURANGABAD MUNICIPAL ZOO	2
		BIKANER ZOO	9
		GANDHI ZOOLOGICAL PARK, GWALIOR	1
		INDRODA NATURE PARK, GANDHI NAGAR	1
		JAIPUR ZOO	5
		KANPUR ZOOLOGICAL PARK	1
		NATIONAL ZOOLOGICAL PARK, DELHI	1
		SAKKARBAUG ZOO, JUNAGARH	2
		JAIPUR ZOO	9
CROCODILE LONG SNOUTED - GHARIAL	<i>Gavialis gangeticus</i>	NANDANKANAN BIOLOGICAL PARK, BHUBANESHWAR	1
		GANDHI ZOOLOGICAL PARK, GWALIOR	4
		INDRODA NATURE PARK, GANDHI NAGAR	3
		KANPUR ZOOLOGICAL PARK	5
DEER BROW - ANTLERED - SANGAI - MANIPUR	<i>Cervus eldi eldi</i>	ZOOLOGICAL GARDEN ALIPORE, KOLKATA	1
		ARIGNAR ANNA ZOOLOGICAL PARK, CHENNAI	2
		ASSAM STATE ZOO CUM BOTANICAL GARDEN, GUWAHATI	2
		KANPUR ZOOLOGICAL PARK	1
		MANIPUR ZOOLOGICAL GARDEN, IMPHAL	2
		NATIONAL ZOOLOGICAL PARK, DELHI	12
		SANJAY GANDHI BIOLOGICAL PARK, PATNA	1

DEER MOUSE	<i>Tragulus meminna</i>	KAMLA NEHRU ZOOLOGICAL GARDEN, AHMEDABAD	1
DEER SWAMP (BARASINGHA)	<i>Cervus duvauceli</i>	KANPUR ZOOLOGICAL PARK	1
		LUCKNOW PRANI UDYAN	1
		NANDANKANAN BIOLOGICAL PARK, BHUBANESHWAR	3
		NATIONAL ZOOLOGICAL PARK, DELHI	2
		SRI CHAMARAJENDRA ZOOLOGICAL GARDENS, MYSORE	1
NILGIRI LANGUR	<i>Semnopithecus johni</i>	CHILDREN'S CORNER, CHENNAI	1
		V.O.C. PARK MINI ZOO, COIMBATORE	1
PANTHER	<i>Panthera pardus</i>	JAWAHARLAL NEHRU BIOLOGICAL PARK, BOKARO	2
		KANPUR ZOOLOGICAL PARK	2
		MAHARAJBAG ZOO, NAGPUR	2
		MAHENDRA CHAUDHURY ZOOLOGICAL PARK, CHATBIR	1
		MAITRI BAAGH ZOO, BHILLAI	1
		SANJAY GANDHI BIOLOGICAL PARK, PATNA	2
		SRI VENKATESWARA ZOOLOGICAL PARK, TIRUPATI	2
CLOUDED LEOPARD	<i>Neofelis nebulosa</i>	SEPAHIJALA ZOOLOGICAL PARK, AGARTALA	4
SNOW LEOPARD	<i>Panthera leo persica</i>	PADMAJA NAIDU HIMALAYAN ZOOLOGICAL PARK, DARJEELING	3
INDIAN LION	<i>Panthera leo persica</i>	SAKKARBAUG ZOO, JUNAGARH	9
LION - TAILED MACAQUE	<i>Macaca silenus</i>	ARIGNAR ANNA ZOOLOGICAL PARK, CHENNAI	2
		MAITRI BAAGH ZOO, BHILLAI	1

RED PANDA	<i>Ailurus fulgens</i>	PADMAJA NAIDU HIMALAYAN ZOOLOGICAL PARK, DARJEELING	5
PEAFOWL	<i>Pavo cristatus</i>	ZOOLOGICAL GARDEN ALIPORE, KOLKATA	1
		ARIGNAR ANNA ZOOLOGICAL PARK, CHENNAI	2
		JAIPUR ZOO	3
		MAHATMA GANDHI RASTRIYA UDYAN ZOO, SOLAPUR	1
PHEASANT BHUTAN GREY PEACOCK	<i>Polyplectron thibetanus</i>	MAHENDRA CHAUDHURY ZOOLOGICAL PARK, CHATBIR	3
		MARBLE PALACE ZOO, KOLKATA	4
		NATIONAL ZOOLOGICAL PARK, DELHI	1
		STATE MUSEUM & ZOO, TRISSUR	2
		TATA STEEL ZOOLOGICAL PARK, JAMSHEDPUR	3
CHEER PHEASANT	<i>Catreus wallichi</i>	ZOOLOGICAL GARDEN, ALIPORE, KOLKATA	5
		VEERMATA JIJABAI BHOSLE UDYAN & ZOO, MUMBAI	1
SCALATER'S MONAL -	<i>Lophophorus sclateri</i>	HIMALAYAN NATURE PARK, KUFRI	2
		HIMALAYAN NATURE PARK KUFRI	2
NICOBAR PIGEON	<i>Caloenas nicobarica pelewensis</i>	KAMLA NEHRU ZOOLOGICAL GARDEN, AHMEDABAD	4
INDIAN - ROCK PYTHON	<i>Python molurus molurus</i>	ARIGNAR ANNA ZOOLOGICAL PARK, CHENNAI	27
SEROW	<i>Capricornis sumataraensis</i>	ASSAM STATE ZOO CUM BOTANICAL GARDEN, GUWAHATI	2
WHITE SPOONBILL	<i>Platalea leucorodia</i>	ZOOLOGICAL GARDEN ALIPORE, KOLKATA	6

			KAMLA NEHRU ZOOLOGICAL GARDEN, AHMEDABAD	5
HIMALAYAN TAHR	<i>Hemitragus jemlahicus</i>		PADMAJA NAIDU HIMALAYAN ZOOLOGICAL GARDEN, DARJEELING	1
BENGAL TIGER	<i>Panthera tigris tigris</i>		ZOOLOGICAL GARDEN ALIPORE, KOLKATA	1
			ARIGNAR ANNA ZOOLOGICAL PARK, CHENNAI	3
			KANPUR ZOOLOGICAL PARK	1
			NANDANKANAN BIOLOGICAL PARK, BHUBANESHWAR	5
			NATIONAL PARK, BANNERGHATA ZOOLOGICAL GARDEN, BANNARGHATA	5
		SRI VENKATESWARA ZOOLOGICAL PARK, TIRUPATI	5	
		TIGER & LION SAFARI, THYRARKOPPA, SHIMOGA	11	
INDIAN WOLF	<i>Canis lupus pallipes</i>		LUCKNOW PRANI UDYAN	4
TIBETAN WOLF	<i>Canis lupus chanco</i>		PADMAJA NAIDU HIMALAYAN ZOOLOGICAL PARK, DARJEELING	2

EXCHANGE/ACQUISITION PROPOSALS OF ANIMALS BETWEEN INDIAN ZOOS
 (As approved by the Technical Committee for the year 2001-2002)

ANNEXURE-V

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	Himalayan black bear 4 (2:2) Leopard 1 (1:0)	---	Deer Park, Almora
2.	Thiruvananthapuram Zoo	Gaur (Indian Bison) 3 (1:2)	Lion Tailed macaque 2 (1:1)	Sri Chamatajendra Zoological Park, Mysore
3.	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Bhutan grey peacock pheasant 5 (2:3)	---	Zoological Garden, Alipore, Kolkata
4.	Alipore Zoological Garden, Kolkata	Striped Hyena 2 (1:1)	---	Lucknow Zoological Garden, Lucknow
5.	Sanjay Gandhi Biological Park Patna	Indian one horned rhino 1 (1:0)	---	Bhagwan Birsa Biological Park, Ranchi
6.	Nature Park, Surat	Himalayan Black bear 2 (1:1)	---	Manipur Zoological Garden, Imphal
7.	Rajiv Gandhi Zoological Park, Pune	Indian Elephant 2 (0:2)	---	Nandankanan Biological Park, Bhubneswar
8.	Sri Chamaramajendra Zoological Park, Mysore	Water monitor lizard 4 (3:1) Green iguana 2 (1:1)	---	Centre for Herpetology, Madras Crocodile bank, Mamallapuram
9.	Veer mata Jijabai Bhosle Udyan Zoo, Mumbai	Common otter 2 (1:1)	---	Kamla Nehru Zoological Garden, Ahmedabad
10.	Lucknow Zoological Garden Lucknow	Sloth Bear 1 (1:0) Pigtailed macaque 1 (1:0)	Zebra 1 (0:1)	Sanjay Gandhi Biological Park, Patna

EXCHANGE/ACQUISITION PROPOSALS OF ANIMALS BETWEEN INDIAN ZOOS

(As approved by the Technical Committee for the year 2001-2002)

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]
11.	Nandankanan Biological Park, Bhubneswar	Morolets crocodile 4 (2:2) Siamese crocodile 4 (2:2)	Salt water crocodile 1 (0:1)	Center for Herpetology, Madras crocodile bank, Mamallapuram
12.	Sri Chamarajendra Zoological Garden, Mysore	Brow antlered deer 4 (1:3)	---	National Zoological Park, Delhi
13.	Sri Chamarajendra Zoological Garden, Mysore	Wild dog 2 (1:1) Brow antlered deer 1 (1:0) Common langur 2 (1:1)	Gaur (Indian bison) 2 (0:2) Swamp deer 3 (1:2)	Arignar Anna Zoological Park, Chennai
14.	Sri Chamarajendra Zoological Garden, Mysore	Palm civet 2 (1:1) Striped Hyena 1 (1:0)	---	Mini Zoo, Gadag

EXCHANGE/ACQUISITION PROPOSALS OF ANIMALS BETWEEN INDIAN ZOOS AND FOREIGN ZOOS
(As approved by the Technical Committee And Chairman, Central Zoo Authority for the year 2001-2002)

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.	Center for Herpetology, Madras Crocodile bank, Mamallapuram	---	Saltwater crocodile 4 Gharial 4	Thirgby Hall Wildlife gardens, England
2.	Center for Herpetology, Madras Crocodile bank, Mamallapuram	---	Gharial 6	Fuenfirola Zoo, Spain
3.	Centre for Herpetology, Madras Crocodile bank, Mamallapuram	Cuban crocodile 6 (2:4) New guinea crocodile 6 (2:4)	Morolets crocodile 4 (2:2) March crocodile 50 (10:40) Gharial 4 (2:2)	Utairatch Crocodile Centre, Samutprakran, Thailand
4.	Centre for Herpetology, Madras Crocodile bank, Mamallapuram	Cobra (albino) 2 (1:1)	King cobra 2 (1:1) Gharial 1 (0:1)	National Zoological Gardens, Sri lanka

EXCHANGE/ACQUISITION PROPOSALS OF ANIMALS OF COMMON AND PROLIFICALLY BREEDING SPECIES BETWEEN INDIAN ZOOS

(As approved by the Member Secretary, Central Zoo Authority for the year 2001-2002)

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.	Sayaji bagh Zoo, Vadodara	Baboon 1 (0:1)	---	Forest Dept. Gujarat (rescued from a private person at Bharuch)
2.	Lucknow Zoological Gardens, Uttar Pradesh	*Kali Pheasant 1 (0:1)	---	Pt. Govind Ballabh Pant High Altitude Zoo, Nainital
3.	Himalayan Zoological Park, Gangtok, Sikkim	Leopard 2 (1:1)	---	Padmaja Naidu Himalayan Zoological Park, Darjeeling
4.	Bhagwan Birsa Biological Park, Ranchi	Leopard 4 (1:3)	---	Deer Park, Manda, Jammu
5.	Rajiv Gandhi Zoological Park, Pune	*Sloth bear 1 (0:1)	---	Bahinabai Choudhury Prani Sanghralaya, Pimpri Cinchwad, Pune
6.	Thiruvanthapuram Zoo, Kerala	Bengal Tiger 2 (1:1)	---	Sri Chamarajendra Zoological Park, Mysore
7.	Padmaja Naidu Himalayan Zoological Park, Darjeeling	*Himalayan Black bear 2 (0:2)	---	Itanagar Zoological Park, Arunachal Pradesh
8.	Thiruvananthapuram Zoo, Kerala	*Reticulated Giraffe 1 (1:0)	---	Sri Chamarajendra Zoological Park, Mysore
9.	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Leopard 2 (1:1)	---	Itanagar Zoological Park, Arunachal Pradesh
10.	Sayaji Bag Zoo, Vadodara	Lion (Hybrid) 4 (2:2)	---	M.C. Zoological Park, Chatbir, Punjab

* Approved for the purpose of pairing animals

EXCHANGE/ACQUISITION PROPOSALS OF ANIMALS OF COMMON AND PROLIFERICALLY BREEDING SPECIES BETWEEN INDIAN ZOOS

(As approved by the Member Secretary, Central Zoo Authority for the year 2001-2002)

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]
11.	Bahinabai Choudhary Prani Sangrhalaya, Pimpri Cinchwad, Pune	*Leopard 1 (0:1)	---	Wild Animal Orphanage, Katraj, Pune
12.	Rohtak Zoo, Haryana	Bengal Tiger 2 (1:1)	---	M.C. Zoological Park, Chatbir, Punjab
13.	Vanvihar National Park, Bhopal	---	Mugger (6)	Narsingarh Sanctuary & Satpuda National Park (for release in Denva river)
14.	National Zoological Park, Delhi	Bonnet Monkey 6 (3:3)	---	Mini Zoo Bhiwani (for rehabilitation of the animals from the closed zoo)
15.	Nature Park, Surat	Leopard 2 (1:1) Mugger 2 (1:1)	---	Sakkarbag Zoo Junagadh
16.	Nature Park, Surat	Bengal Tiger 2 (2:0)	---	Maitri Bagh Zoo, Bhilai
17.	Nature Park, Surat	Gharial 2 (1:1)	---	Centre for Herpetology, Madras crocodile bank, Mamallapuram
18.	Nature Park, Surat	Leopard 2 (1:1)	---	Vanvihar National Park, Bhopal
19.	Jodhpur Zoo	Leopard 1 (1:0)	---	Mount Abu wildlife canctuary (rescued)
20.	Sayaji bagh Zoo, Vadodara	Himalayan Black Bear 2 (1:1)	Sulfur crested coatoo 2 (1:1)	M.C. Zoological Park, Chatbir, Punjab

* Approved for the purpose of pairing animals

EXCHANGE/ACQUISITION PROPOSALS OF ANIMALS OF COMMON AND PROLIFICALLY BREEDING SPECIES BETWEEN INDIAN ZOOS

(As approved by the Member Secretary, Central Zoo Authority for the year 2001-2002)

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]
21.	National Zoological Park, Delhi	Siamese crocodile 4 (2:2) American Alligator 2 (1:1) Spectacled caiman 4 (2:2)	---	Center for Herpetology, Madras Crocodile bank, Mamallapuram
22.	National Zoological Park, Delhi	Ringnecked Pheasant 3 (1:2) Japanese green Pheasant 4 (2:2)	Painted Stork 4 (2:2) White ibis 3 (1:2)	Tata Steel Zoological Park, Jamshedpur

ANNEXURE - VI

Position of animals received from Circuses in rescue centre in 2001-02

S.No.	Rescue Center	Name of the Circus	Animals Received		Animals Died		Animals at the end of the year			
			Lions	Tigers	Total	Lions	Tigers	Lions	Tigers	Total
1	Vandalur Chennai	Johnson Indian Variety entertainment	2	0	2	1	0	1	0	1
2	Vandalur Chennai	Royal Mobile Circus, Kallakurichi	6	0	6	0	0	6	0	6
3	Vandalur Chennai	Private Circus, Kanyakumari	6	0	6	0	0	6	0	6
4	Bannerghata Bangalore	Komal Circus, Faridabad, Haryana	29	0	29	0	0	29	0	29
5	Bannerghata Bangalore	Golden Circus, U.P.	2	0	2	2	0	0	0	0
6	Bannerghata Bangalore	Asiad Circus, Bijnore, Uttaranchal	2	4	6	1	1	1	3	4
7	Bannerghata Bangalore	Bharat Circus, Madhya Pradesh (Nimuch)	5	0	5	0	0	5	0	5
8	Bannerghata Bangalore	Shalimar Circus, Gujarat	3	0	3	0	0	3	0	3
9	Bannerghata Bangalore	New Golden Circus, Gujarat	3		3			3	0	3
10*	Bannerghata Bangalore	Raj Kamal Circus, Chikkamangalore	20	0	20	2	0	18	0	18
11	Vishakhapatnam	Ajanta Circus, Patna	20	2	22	2	0	18	2	20
12	Vishakhapatnam	M/s Saibaba Circus	1	0	1	0	0	1	0	1
13	Tirupati	Rambo Circus	17	0	17	2	0	15	0	15
		Total	116	6	122	10	1	106	5	111

Details of Grants Released by CZA to Zoos during 2001-02

State	Zoo	Purpose	Total
Andhra Pradesh	Indira Gandhi Zoological Park, Vishakhapatnam	Feeding of Lions and Tigers	14.75 ✓
		Rescue Centre	5.42 ✓
		Security of animals	13.25 ✓
		upgradation of food storage	2.00
		Veterinary Equipment	4.00
		Water Supply System	5.00
	Total		44.42
	Mehru Zoological Park, Hyderabad	Electric connection/Generator	14.50
		Elephant enclosure	14.00 ✓
		Meat Room	2.50
Total		10.00	
Total		41.00	
Sri Venkateswara Zoological Park, Tirupati	Chinkara enclosure	5.50	
	Feed storage	2.20	
	Feeding Cost of Circus Animals	8.10	
	Night Shelter	7.50	
	Rescue Centre	8.00	
	Veterinary Equipment	4.00	
	Water Supply System	17.50	
	Website	0.25	
Total		53.05	
Andhra Pradesh Total		138.47	
Arunachal Pradesh	Itanagar Zoological Park, Itanagar	Boundary wall	5.90
		Post Mortem Room	2.52
		Rescue Centre for bears etc.	30.08
Total		6.96	
Total		45.46	
Bihar	Sanjay Gandhi Biological Park, Patna	Improvement of feed storage	6.00
		Overhead water tank	4.48
		Rhino enclosure	1.37
		Squeeze cage	0.83
		Stand barrier/boundary wall	14.58
		Vet. Hospital	16.48
		Water Supply System	9.39
Total		53.13	
Gujarat	Kamla Nehru Zoological Garden, Ahmedabad	Boundary wall	5.25
		Elephant enclosure	2.00
		Lion enclosure	2.50
		Tiger enclosure	2.50
		Veterinary Hospital	25.27
		Water Supply System	3.50
	Total		41.02

State	Zoo	Purpose	Total	
	Sakkarbaug Zoo, Junagarh	Boundary wall	2.60	
	Total		2.60	
	Sayaji Baug Zoo, Vadodara	Boundary wall	19.90	
	Total		19.90	
Gujarat Total			63.52	
Haryana	Rohtak Zoo, Rohtak	Boundary wall	6.89	
	Total		6.89	
Himachal Pradesh	Himalayan Nature Park, Kufri	Vet. Equipments Veterinary Dispensary	4.80 5.25	
	Total		10.05	
Jharkhand	Bhagwan Birsa Biological Park, Ranchi	Elephant enclosure fencing Power supply system Signage Squeeze cage Veterinary Equipment	15.82 3.88 5.15 0.25 2.40 1.48	
	Total		28.98	
	Karnataka	Bannerghatta Zoological Park, Bannerghatta	Feeding Cost of Circus Animals King Cobra/Python enclosures Rescue Center for Circus animals	66.30 4.00 20.30
		Total		90.60
Tiger & Lion Safari, Shimoga		Lion Safari renovation of enclosures Tiger Safari	45.00 3.25 35.00	
Total			83.25	
Karnataka Total			173.85	
Kerala	Thiruvanthapuram Zoo, Thiruvanthapuram	Him./Sloth bear, Asiatic lion enclosure	82.75	
	Total		82.75	
Madhya Pradesh	Gandhi Zoological Park, Gwalior	Water Supply System	15.05	
	Total		15.05	

State	Zoo	Purpose	Total
	Van Vihar National Park And Zoo, Bhopal	Veterinary Equipment	3.50
		Water Tanker/Tractor/Tractor/Borewell	14.00
	Total		17.50
Madhya Pradesh Total			32.55
Maharashtra	Aurangabad Zoo, Aurangabad	X-ray machine	0.79
	Total		0.79
	Rajiv Gandhi Zoological Park, Pune	Veterinary Equipment	7.03
		Veterinary Hospital	15.00
	Total		22.03
	Sanjay Gandhi Zoological Park, Borivali	Chainlink enclosure for lion	13.95
		Veterinary Equipment	5.05
	Total		19.00
Maharashtra Total			41.82
Mizoram	Mizoram Zoological Park, Aizwal	Bear enclosure	27.96
		Hoolock Gibbon Enclosure	38.53
		Isolation Ward	7.50
		Veterinary Dispensary	3.50
	Total		77.49
Orissa	Nandan Kanan Zoological Park, Bhubaneshwar	Diagnostic Facility for Wildlife diseases	1.30
	Total		1.30
	Orissa University of Agriculture & Technology, Bhubaneshwar	Diagnostic Facility for Wildlife diseases	16.15
	Total		16.15
Orissa Total			17.45
Rajasthan	Jaipur Zoo, Jaipur	Vet. Equipments	2.75
	Total		2.75
	Jodhpur Zoo, Jodhpur	Master Plan	0.50
	Total		0.50
Rajasthan Total			3.25

State	Zoo	Purpose	Total
Sikkim	Himalayan Zoological Park, Bulbuley	Himalayan Tahr enclosures Blue sheep enclosures Large Indian eivet enclosures Preferal fencing Takin enclosure Vet. Hospital	10.50 10.50 4.00 2.75 29.70 19.60
	Total		77.05
Tamil Nadu	Arignar Anna Zoological Park, Chennai	Feeding Cost of Circus Animals	27.65
	Total		27.65
Uttar Pradesh	Kanpur Zoological Park, Kanpur	Elephant enclosure Feeding cost of rescued animals Incinerator installation Veterinary Equipment Water Supply System	9.50 4.00 2.00 2.79 12.50
	Total		30.79
	Lucknow Prani Udyan, Lucknow	Monkey enclosure Transportation of animals Vet. Equipments	2.80 1.50 2.00
	Total		6.30
Uttar Pradesh Total			37.09
Uttaranchal	G.B. Pant Zoo, Nainital	Drainage System Snow leopard enclosure Water tank	0.75 19.30 3.00
	Total		23.05
West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Boundary wall Takin enclosure Tibetan Wolf enclosure Water supply system	22.34 14.34 8.00 8.35
	Total		53.03
Grand Total			993.50

Central Zoo Authority
(Ministry of Environment & Forests)
Receipts and Payments Account for the Year Ending : 31-3-2002

RECEIPTS	RS.	PAYMENTS	RS.
Opening Balance	6,38,677	By Grants to Zoos	9.93,53,000
Grant-in-Aid from Central Govt. received during the year	10,80,00,000	By Refund of Unspent Grants-in-Aid to The Ministry	0
Recoveries from Pay Bills adjustable by Other Depts / Bodies	2,06,304	By Salaries	17,78,787
Recoveries of Festival Advance	9,900	By Wages	72,353
Fees Received from Zoos with Application of Recognition / Renewal	4,650	By Leave Sal. & Pecsion Contribution	2,17,311
Refund of Security Deposits	0	By Honorarium	33,500
Staff Car Recoveries	4,200	By Medical Expenses	98,348
Other Recoveries / Receipts	48,863	By Bonus	18,453
Licence Fee	23,830	By Leave Travel Concession	0
Interest on Fixed Deposits	0	By Overtime Allowances	45,752
Security Deposits Received	5,000	By Travelling Allowances (Operational)	4,64,903
Recovery of TDS with Surcharge	1,04,745	By Travelling Allowances (Training / Workshops and Conferences)	3,66,573
		By Travelling Allowances (Evaluation of Zoos)	2,67,782
		By Repairs and Maintenance	1,73,706

RECEIPTS	RS.	PAYMENTS	RS.
		By Repairs and Maintenance for Vehicle	18,150
		By Equipment and Machinery	4,58,570
		By Petrol, CNG, Oil & Lubricant	70,308
		By Stationary	1,07,356
		By Printing & Publication	2,13,113
		By Books for CZA Library	50,876
		By Periodicals	9,111
		By Advertisement and Publicity	1,67,070
		By Conveyance and Cartage	15,728
		By Telephone Deposits	0
		By Telephone Charges	2,54,073
		By Postage Charges	63,285
		By Bank Charges	400
		By Refreshment	19,225
		By Other Office Expenses	47,564
		By Audit Fee Paid for Current Year	12,400
		By Audit Fee Paid for Previous Year	12,400
		By Legal Expenses	32,210
		By Consultancy Charges	5,75,000
		By Monitoring and Evaluation of Zoos	35,000
		By Research Projects	92,414
		By Training, Workshop and Conference	22,43,983
		By Education and Awareness	3,69,770
		By Festive Advance	9,000
		By Lease Rent	1,10,400
		By Remittance to Other Depts. of deduction made from staff on foreign service	2,06,304
		By Security Deposits Released	10,000
		By Deposit of TDS and Surcharge in Govt. A/c	1,04,745

RECEIPTS	RS.	PAYMENTS	RS.
		By Furniture & Fixtures	93,431
		By Payments to CPWD for Works	0
		By Contribution Towards Superannuation Scheme	1,15,098
		By Amount Adjustable by Other Deptts (MEA)	27,978
		By Vehicles	0
		By Cash at Bank	6,04,612
		By Cash in Hand	1,127
		By Imprest Account	5,000
TOTAL	10,90,46,169	TOTAL	10,90,46,169

Details of Opening Balance

Cash in Hand	=>	00
Cash in Bank	=>	6,33,677
Imprest	=>	5,000
		<u>6,38,677</u>



MEMBER SECRETARY
CENTRAL ZOO AUTHORITY
NEW DELHI

Central Zoo Authority
(Ministry of Environment & Forests)

Income and Expenditure Account for the Year Ending : 31-3-2002

EXPENDITURE	RS.	INCOME	RS.
To Grants to Zoos	9,93,53,000		
To Refund of Unspent Grants-in-Aid to the Ministry	0	By Grant-in-Aid From Central Govt. Received During the Year	10,80,00,000
To Salaries	17,78,787	By Adjustment of Unspent Grants of Previous Year	6,21,277
To Wages	72,353		
To Leave Sal. & Pension Contribution	2,17,311	By Fees Received from Zoos with Application of Recognition / Renewal	4,650
To Honorarium	33,500		
To Medical Expenses	98,348	By Staff Car Recoveries	4,200
To Bonus	18,453	By Other Recoveries / Receipts	48,863
To Leave Travel Concession	0	By Licence Fee	23,830
To Overtime Allowances	45,752	By Interest of Fixed Deposits	0
To Travelling Allowances (Operations)	4,64,903		
To Travelling Allowances (Training / Workshop and Conferences)	3,66,573		
To Travelling Allowances (Evaluation of Zoos)	2,67,782		
To Repairs and Maintenance	1,73,706		
To Repairs and Maintenance for Vehicle	18,150		
To Petrol, CNG, Oil & Lubricant	70,308		
To Stationary	1,07,356		
To Printing & Publication	2,13,113		
To Periodicals	9,111		

EXPENDITURE	RS.	INCOME	RS.
To Advertisement and Publicity	1,67,070		
To Conveyance and Cartage	15,728		
To Telephone Charges	2,54,073		
To Postage Charges	63,285		
To Bank Charges	400		
To Refreshment	19,225		
To Other Office Expenses	47,564		
To Audit Fee Paid for Current Year	12,400		
To Legal Expenses	32,210		
To Consultancy Charges	5,75,000		
To Monitoring and Evaluation of Zoos	35,000		
To Research Projects	92,414		
To Training, Workshop and Conferences	22,43,983		
To Education and Awareness	3,69,770		
To Lease Rent	1,10,400		
To Contribution Towards Superannuation Scheme	1,15,098		
To Unspent Grants-in-Aid Refundable to the Ministry	6,38,717		
To Depreciation	3,98,689		
By Excess of Income over Expenditure	2,03,288	By Excess of Expenditure over Income	0
TOTAL	10,87,02,820	TOTAL	10,87,02,820




MEMBER SECRETARY
CENTRAL ZOO AUTHORITY
NEW DELHI

CENTRAL ZOO AUTHORITY
(MINISTRY OF ENVIRONMENT & FORESTS)
BALANCE SHEET AS ON 31st MARCH, 2002

LIABILITIES**ASSETS**

Particulars	Amount	Schd.	Particulars	Amount	Schd.
1. Central Zoo Authority Fund	31,29,110	1	1. Fixed Assets		
2. Current Liabilities & Provisions :			(i) Furniture & fixture	5,56,469	V
(a) Sunday Creditors	0		(ii) Vehicles	36,224	VI
(b) Outstanding Liabilities-Audit Fee	0	II	(iii) Office Equipment	3,14,408	VII
3. Security Deposits refundable	0	III	(iv) Computer/Peripherals	3,59,041	VIII
4. Grants-in-Aid refundable to the Ministry	6,38,717	IV	(v) Library Books	22,157	IX
5. Other Current Liabilities	0		(vi) Electric Installation	0	
			2. Investment (CZA Fund)	0	
			3. Current Assets, Loans and Advances		
			(a) Advance-Staff (Festival Advance)	5,400	X
			(b) Security Deposits		
			i) Petrol Account	5,000	XI
			ii) Telephone Accounts	6,000	XII
			(c) Sundry Debtors-expenses reimbursable by Min. of External Affairs	27,978	XIII
			(d) Advance Payment Made to CPWD for 'Works'	18,24,411	XIV
			(e) Cash & Bank Balance		XV
			(i) Bank Balance	6,04,612	
			(ii) Cash in Hand	1,127	
			(iii) Imprest	5,000	
TOTAL LIABILITIES	37,67,827		TOTAL ASSETS	37,67,827	


MEMBER SECRETARY
CENTRAL ZOO AUTHORITY
NEW DELHI

**CENTRAL ZOO AUTHORITY
(MINISTRY OF ENVIRONMENT & FORESTS)**

**Schedule I to XV of Balance Sheet
For the year 2001-2002**

LIABILITIES

Schedule I

Central Zoo Authority Fund

1.	Opening Balance	= Rs.	49,43,718
2.	Less : Depreciation for the period from 1992-93 to 2000-01	= Rs.	20,17,896
3.	Add : Excess of Income over Expenditure	= Rs.	2,03,288
	Balance	= Rs.	31,29,110

Schedule II

Current Liabilities and Provision :

1.	Outstanding liability on 'Audit Fee' of previous year	= Rs.	12,400
2.	Less : Liability cleared during the year	= Rs.	12,000
	Balance	= Rs.	Nil

Schedule III

Sundry Deposits refundable

1.	Opening Balance for previous year	= Rs.	5,000
2.	Deposits received during the year	= Rs.	5,000
3.	Deposits released during the year	= Rs.	10,000
	Balance	= Rs.	Nil

Schedule IV

Unspent grant-in-aid refundable to the Ministry

1.	Opening Balance	= Rs.	6,21,277
2.	Grants in aid received during the year	= Rs.	10,80,00,000
3.	Less : Grants utilised during the year	= Rs.	10,80,10,538
4.	Add : Amount to be received from M/o External Affairs refundable to MOEF.	= Rs.	27,978
	Balance grant refundable to the Ministry	= Rs.	6,38,717

ASSETS

Schedule V

Furniture & Fixture

1.	Opening Balance (net Block)	= Rs.	5,24,514
2.	Addition during the year	= Rs.	93,431
3.	Less : Depreciation for 2001-02	= Rs.	61,476
	Total	= Rs.	5,56,469

**Schedule VI
Vehicles**

1. Opening Balance (Net Block)	= Rs.	45,280
2. Addition during the year	= Rs.	0
3. Less : Depreciation for 2001-02	= Rs.	9,056
Balance	= Rs.	36,224

**Schedule VII
Office Equipment**

1. Opening Balance (Net Block)	= Rs.	4,19,211
2. Add-Addition during the year	= Rs.	0
3. Less : Depreciation for 2001-02	= Rs.	1,04,803
Balance	= Rs.	3,14,408

**Schedule VIII
Computers/Peripherals**

1. Opening Balance (Net Block)	= Rs.	95,107
2. Add-Addition during the year	= Rs.	4,58,570
3. Less : Depreciation for 2001-02	= Rs.	1,94,636
Balance	= Rs.	3,59,041

**Schedule IX
Books for CZA Library**

1. Opening Balance (Net Block)	= Rs.	1
2. Add-Addition during the year	= Rs.	50,876
3. Less : Depreciation for 2001-02	= Rs.	28,719
Balance	= Rs.	22,158

**Schedule X
Advances (Festival Advance)**

1. Opening Balance	= Rs.	6,300
2. Festival Advance sanctioned during the year	= Rs.	9,000
3. Less : Festival Advance recovered during the year	= Rs.	9,900
Balance	= Rs.	5,400

**Shchedule XI
Security Deposits - Petrol A/c**

1. Opening Balance	= Rs.	5,000
2. Addition during the year	= Rs.	0
Balance	= Rs.	5,000

Schedule XII**Security Deposits - Telephone A/c**

1.	Opening Balance	= Rs.	6,000
2.	Addition during the year	= Rs.	0
	Balance	= Rs.	6,000

Schedule XIII**Amount adjustable by other Offices :**

1.	Opening Balance	= Rs.	Nil
2.	Expenses incurred during the year on behalf of M/o External Affairs due for reimbursement by them	= Rs.	27,978
	Balance	= Rs.	27,978

Schedule XIV**Payments made to CPWD for works**

1.	Funds provided to CPWD for 'Furniture & Fixture' & 'Electric installation' during previous year :	= Rs.	18,24,411
2.	Less : Accounts furnished by CPWD during the year For booking under the final head 'Furniture & Fixture' & 'Electric installation'.	= Rs.	Nil
	Balance outstanding	= Rs.	18,24,411

Schedule XV**Cash & Bank Balance**

1.	Grants in aid refundable to the Ministry	= Rs.	6,38,717
2.	Less : Amount receivable from M/o External Affairs	= Rs.	27,978
	Cash & Bank Balance	= Rs.	6,10,739



MEMBER SECRETARY
CENTRAL ZOO AUTHORITY
NEW DELHI

Abstracts of Assests created in CZA office during 2001-02

Position as on 31.3.2002

S.No.	Assets	Opening balance as shown on 1.4.2001	Correction in classification assets	Additions during the year 2001-02	Total Purchase cost
1	Vehicles	233256	35398	0	268654
2	Furniture, Fixtures	469588	346976	93431	909995
3	Equipment & Machinery				0
	Office Equipments	2036174	-1132964	0	903210
	Computer / Peripherals	0	750590	458570	1209160
4	Electrical Installations	0			0
5	Library Books	362989		50876	413865
	Total	3102007	0	602877	3704884

**CENTRAL ZOO AUTHORITY
(MINISTRY OF ENVIRONMENT & FORESTS)**

**CENTRAL ZOO AUTHORITY
Consolidated depreciation of assests upto 2000-01**

S.No.	Assets	Rate of Depreciation	Original Cost	Depreciation Value	Net Block
1	Vehicles	20	268654	223374	45280
2	Furniture, Fixtures	10	816564	292050	524514
3	Office Equipment	25	903210	483999	419211
4	Computer / Peripherals	60	750590	655485	95105
5	Electrical Installations	10	0	0	0
6	Library Books	100	362989	362988	1
	Total		3102007	2017896	1084111

Fixed Assets	Position as on 31.3.2002						DEPRECIATION					NET BLOCK	
	Cost/ Valuation as at beginning of the year	Additions during the year	Deduc- tion during the year	Cost / Valuation at the year- end	Deprecia- tion rate in %	As at the beginning of the year	On Additions during the year	On Deducti- ons during the year	Total up to the year	As at the current year- end	As at the previous year- end		
Vehicles	45280			45280	20	9056	0	0	9056	36224	45280		
Furniture, Fixtures	524514	87067		611581	10	52451	8707	0	61158	550423	524514		
Furniture, Fixtures*		6364		6364	5	0	318		318	6046	0		
Office Equipment	419211	0		419211	25	104803	104803	0	104803	314408	419211		
Computer / Peripherals	95107			95107	60	57064	57064	0	57064	38043	95107		
Computer / Peripherals		458570		458570	30	0	137571		137571	320999			
Electrical Installations	0			0	10	0	0	0	0		0		
Library Books	0	6561		6561	100	0	6561	0	6561	0	0		
Library Books*	0	44315		44315	50	0	22158	0	22158	22158	0		
Other Fixed Assets	0			0		0	0	0	0	0	0		
Total	1084111	602877		1686988		223374	175314	0	398689	1288300	1084111		

*Note 1 : Assets used for less than 6 month during the year. Therefore 50% rates of Depreciation is charged.

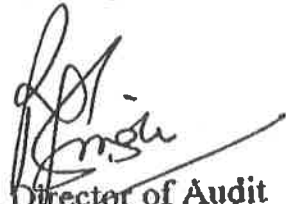
Note 2 : The value of depreciation of Rs. 398,689/- is taken as 'Expenditure' in the Income and Expenditure Accounts for 2001-02

AUDIT CERTIFICATE

I have examined the Receipts & Payments Accounts, Income & Expenditure Accounts for the year ended 31st March, 2002 and the Balance Sheet as on 31st March, 2002 of the Central Zoo Authority, New Delhi. I have obtained all the information and explanation 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 explanations given to me and so shown by the books of the organisation.

Place : New Delhi

Dated : 4-2-2003


Pr. Director of Audit
Scientific Departments

Audit Report on the Accounts of Central Zoo Authority, New Delhi for the year 2001-02

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. 993.53 lakh during 2001-2002 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. 993.53 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 (October 2002) that the requisite extract/statement of assets created during 2001-02 was appended to the annual accounts of Central Zoo Authority, New Delhi and out of grants of Rs. 993.53 lakh released to various Zoos, the grant of Rs. 872.73 lakhs was for capital expenditure and remaining grant of Rs. 120.80 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 2001-02 and not specific about the kind of assets as to have been created out of the grant of Rs. 993.53 lakhs.

2. Non receipt of utilization certificates amounting to Rs. 818.12 lakh.

The Authority releases grants in aid to various zoos. It was observed that Utilization Certificates for Rs. 698.12 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	65.24	5
2.	1998-99	19.77	5
3.	1999-00	129.54	9
4.	2000-01	483.57	16
5.	2001-02	120.00	—
	Total	818.12	35

The Authority stated (October 2002) that the pending utilization certificates had been reduced from Rs. 698.12 lakh to Rs. 652.25 lakh. The reply is not convincing as the reduction was insignificant and did not affect the position of pending Utilization Certificates of Rs. 698.12 lakh as on 31 March 2002. In addition of this amount Utilization certificates in respect of Rs. 120.00 lakh released in three installments of Rs. 40 lakh each in March 1999, October 1999 and January 2001 to the Center for Cellular and Molecular Biology, Hyderabad is also awaited making the total expenditure of Rs. 818.12 Lakhs is not supported by utilization certificates.

3. 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 got revised at the instance of Audit.

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

4. Non preparation of accounts in revised format

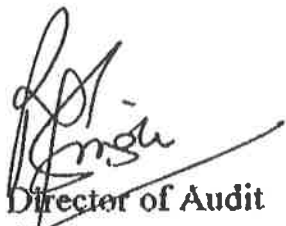
As per communication of CGA/CAG dated 17.3.2002 and 8.7.2002 the new format of Accounts was to be adopted by all Central Autonomous Bodies but CZA has not done so in their accounts for the year 2001-02. It may kindly be ensured that revised format of accounts as prescribed for autonomous bodies be adopted from the accounting year 2002-03.

5. Accounts do not have the approval of competent authority

As per circular of CAG dated 8. 3. 2002 accounts should have the approval of the competent authority/management before submission of the accounts to Audit. As such accounts do not have the approval of the competent Authority. Which may be obtained and copy sent to this office.

Place: New Delhi

Date: 4-2-2003


**Pr. Director of Audit
Scientific Departments**

