

ANNUAL REPORT 1995-96



केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

**FIFTH
ANNUAL REPORT
1995-96**



केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

(Ministry of Environment & Forests)

Headquarters

Barrack No. 4, Bikaner House,

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New Delhi-110 011

CHAPTER - I

INTRODUCTION

Role of the Central Zoo Authority

Zoos are among the institutions of antiquity, that have survived a number of transitions. The present generations of zoos in India represent the age of control and had their origin as small animal collections attached to gardens and parks. The first public zoo in India was set up at Madras in 1854. This was followed up by setting up of several zoos by various princely states like Trivandrum, Junagarh, Jaipur, Baroda, Udaipur, Bikaner and Jodhpur. Public zoos were also established during the same period at Bombay and Calcutta. Zoos were established at Lucknow and Gwalior in 1921. These zoos, mainly aimed at providing the city-dwellers an opportunity to pass their leisure time with their family members under picturesque surroundings. The superintendents and the directors of the zoos had more of a park mentality and were concerned little about the health and upkeep of the animals.

Government of India has been quite sensitive to the role of zoos as awareness centres for wildlife conservation. It decided to establish the first naturalistic and moated zoo at Delhi, soon after the independence. Several State governments followed suit and large, naturalistic zoos were set up at Hyderabad, Guwahati, Chandigarh, Kanpur, Bhopal, Patna, Bhubaneswar, Vishakhapatnam, Madras and Tirupati.

However, owing to rapid industrialization and urbanization, the need for quick recreation became a feature of time and more and more

new animal facilities, which paid little attention to the welfare aspects of animals and often subjected animals to cruelties, were created. The Central Zoo Authority has been set up by the central government to stop the mushrooming of these unplanned and illconceived zoos and to provide to the existing zoos of the country a orientation that can provide the zoo inmates quality of life that is congenial to their mental and physical health. This is crucial for planned breeding and getting genetically and socially viable progeny from the animals of endangered species.

The main functions of the Central Zoo Authority, assigned under the Wildlife (Protection) Act, are :

- (a) to specify the minimum standards for housing, upkeep and veterinary care of the animals kept in a zoo;
- (b) to evaluate and assess the functioning of the zoos with respect to the prescribed standards or norms;
- (c) to recognise or derecognise zoos;
- (d) to identify endangered species of wild animals for purposes of captive breeding and assigning responsibility in this regard to a zoo;
- (e) to coordinate the acquisition, exchange and loaning of animals for breeding purpose;
- (f) to ensure maintenance of stud books of endangered species of wild animals bred in captivity;

- (g) to identify priorities and themes with regard to display of captive animals in a zoo;
- (h) to coordinate training of zoo personnel in India and outside India;
- (i) to coordinate research in captive breeding and educational programmes for the purpose of zoos;
- (j) to provide technical and other assistance to zoos for their proper management and development on scientific lines;
- (k) to perform such other functions as may be necessary to carry out the purposes of this Act with regard to zoos.

The Central Zoo Authority was constituted on 4.2.1992 with the Minister of Environment and Forests as Chairman. The Authority was reconstituted on the 3rd February, 1995. It's present constitution is as follows :

1. Minister of State for - Chairperson
Environment and Forests
2. Secretary to the - Member
Government of India,
Ministry of Environment
& Forests
3. Inspector General of - Member
Forests, Ministry of
Environment & Forests



- | | | | |
|-----|---|---------------------|---|
| 4. | Additional Inspector -
General of Forests and
Director Wildlife Preser-
vation, Ministry of
Environment & Forests | Member | the deliberation of the Central Zoo Authority;
Director, Wildlife Institute of India; Director,
Indian Veterinary Research Institute; Chariman,
Animal Welfare Board and President, Indian
Zoo Directors Association are permanent
invitees to the meetings of the Central Zoo
Authority. |
| 5. | Joint Secretary -
(Financial Advisor)
Ministry of Environment
& Forests | Member | |
| | | | Overview of the activities of the Central
Zoo Authority during the year 1995-96. |
| 6. | Shri Ashok Kumar, -
B-5/22, Safdarjang
Enclave,
New Delhi-110029. | Member | 1. Evaluation of the zoos, with reference to
minimum standards and norms fixed under
"Recognition of Zoo Rules, 1992", was
continued and the zoos which had a
potential to improve were granted
conditional recognition. The zoos which
had little chance to come up to the
prescribed standards were refused
recognition and asked to close down.

2. Capsule courses were organised for
upgrading technical skills of zoo directors,
zoo veterinarians, zoo supervisors and
keepers.

3. Research projects were awarded to the
Centre for Cellular and Molecular Biology,
Hyderabad on assisted reproduction and
determination of the degree of inbreeding
amongst the zoo animals.

4. Financial assistance was provided to zoos
for improvement of housing, upkeep and
veterinary care of animals.

5. Exchange programmes were encouraged
between zoos to facilitate breeding of
endangered species.

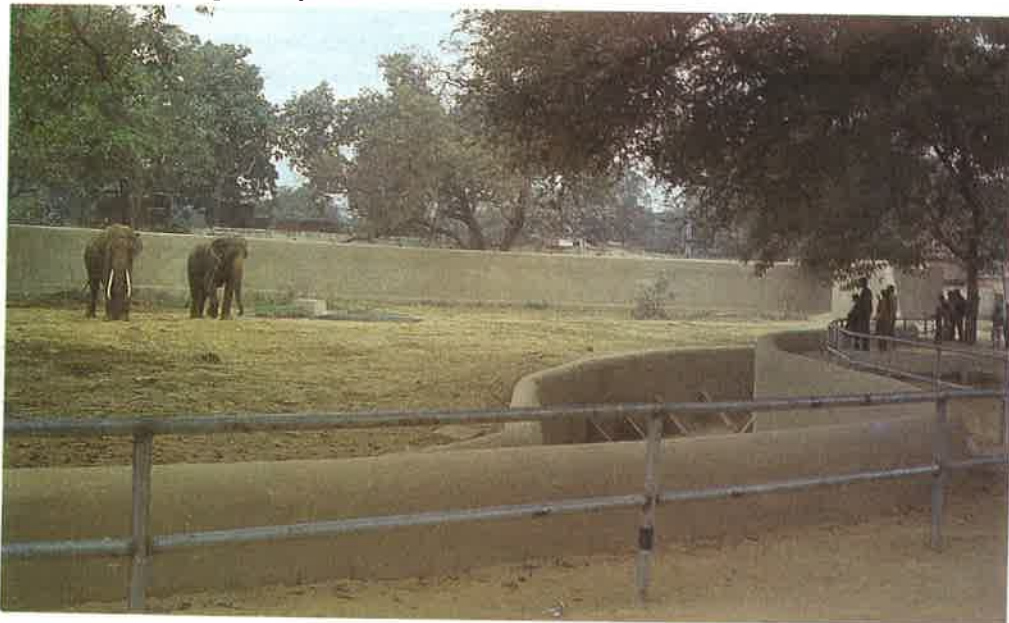
6. Workshops and seminars were also
organised for transfer of technology on
planned breeding of endangered species. |
| 7. | Shri Pushp Kumar, -
B-3-833/97, Kamalapuri,
Hyderabad. | Member | |
| 8. | Ms. Sally Walker -
Pioneer House,
P.B. No. 1688,
Peelamadu, Coimbatore,
Tamil Nadu. | Member | |
| 9. | Dr. Iqbal Malik, -
540-Asian Games Village,
New Delhi-110047. | Member | |
| 10. | Ms. Sheila Pasricha -
E-4, Palm Spring,
104, Cuffe Parade,
Colaba, Bombay-400005. | Member | |
| 11. | Mrs. Rakhi Sarkar, -
C/o Sunday Magazine,
Calcutta. | Member | |
| 12. | Shri S.C. Sharma, -
Central Zoo Authority | Member
Secretary | |
- To encourage greater technical inputs in

CHAPTER II

IMPORTANT DECISIONS OF THE CENTRAL ZOO AUTHORITY

The meetings of the Central Zoo Authority were held on 28th July, 1995 and the 5th January, 1996. Important matters considered in the meetings and the decisions taken by the authority, briefly, are :-

1. The substandard zoos affect the public image of zoos. Therefore, it was decided that no recognition should be granted to the zoos which are not in a position to come up to the standards and norms prescribed under the "Recognition of Zoo Rules, 1992" and the provisions of the Wildlife (Protection) Act, 1972.
2. To facilitate the upgradation and modernization of the management of zoos, the zoos should be asked to create technical and scientific posts on their staff.
3. The management of National Zoological Park, Delhi should be handed over to an autonomous society specially created for the purpose, for making the management of the zoo more responsive and sensitive to the needs of animals.
4. To organise visits of the slum school children to zoos for inculcating in them the empathy for wild animals.
5. Draft National Zoo Policy was placed for approval of the authority. However, the authority decided to get the views of State government to take a final view in the matter.
6. The role of zoos as rescue centres often affects their potential as centres for conservation awareness. Therefore, separate facilities for housing the rescued animals should be provided either in off-the-display areas of the zoo or as satellites to the zoo. The budget for rescue centres should be provided by the State government.



CHAPTER III

EVALUATION AND GRANT OF RECOGNITION TO ZOOS

During the year under report, 5 medium zoos, 14 small zoos, 28 mini zoos and 16 mobile zoos were evaluated. On the basis of evaluation

report recognition has been granted to 5 medium zoos, 13 small zoos and 22 mini zoos. The list of these zoos is given below:

S. No.	Name of the State	Name of the zoo	Place
Medium Zoos			
1.	Tripura	Sepahijala Zoological Park	Sepahijala
2.	Manipur	Manipur Zoological Garden,	Imphal
3.	Karnataka	National Park and Zoological Garden, Bannerghatta	Bangalore
4.	Rajasthan	Jodhpur Zoo	Jodhpur
5.	Madhya Pradesh	Maitri Bagh Zoo	Bhilai
Small Zoos			
1.	Andhra Pradesh	Sri Venkateswara Zoological Garden	Tirupati
2.	Andhra Pradesh	Mahavir Harina Vanasthali	Vanasthalipuram
3.	Gujarat	Nature Park	Surat
4.	Himachal Pradesh	Himalayan Nature Park	Kufri
5.	Karnataka	Bellary Children's Park- cum-Zoo	Bellary
6.	Kerala	State Museum & Zoo	Thrissur
7.	Rajasthan	Zoological Garden	Bikaner
8.	Rajasthan	Udaipur Zoo	Udaipur
9.	Sikkim	Himalayan Zoological Park, Bulbuley	Gangtok
10.	Tamil Nadu	V.O.C. Park Mini Zoo	Coimbatore
11.	Uttar Pradesh	Sarnath Deer Park	Varanasi
12.	Uttar Pradesh	Pt. Govind Ballab Pant High Altitude Zoo	Nainital
13.	West Bengal	Calcutta Snake Park, Zoological Garden	Badu, 24 Parganas

S. No.	Name of the State	Name of the zoo	Place
Mini Zoos			
1.	Andhra Pradesh	Mrugyani Chilkur Deer Park	Chilkur
2.	Andhra Pradesh	Deer Park, Kesoram Cement	Basant Nagar
3.	Andhra Pradesh	Deer Park, NFCL Green Belt	Kakinada
4.	Gujarat	Sundervan Nature Discovery Centre	Ahmedabad
5.	Gujarat	Nature Education Centre	Jamnagar
6.	Haryana	Mini Zoo	Jind
7.	Haryana	Mini Zoo	Bhiwani
8.	Haryana	Deer Park	Hissar
9.	Madhya Pradesh	Nandan Van	Raipur
10.	Nagaland	Zoological Park	Kohima
11.	Orissa	Regional Science Centre	Bhubaneswar
12.	Rajasthan	Panchwati Deer Park	Pilani
13.	Rajasthan	Safari Park, Haridasji-ki-Magri	Udaipur
14.	Rajasthan	Deer Park Sri Goverdhan Trust	Udaipur
15.	Sikkim	Rustomji Deer Park	Gangtok
16.	Tamil Nadu	Shivganga Garden Mini Zoo	Thanjavur
17.	Uttar Pradesh	Ban Devi Recreation Park	Mau
18.	Uttar Pradesh	Vinod Van Mini Zoo, Ramgarh	Gorakhpur
19.	Uttar Pradesh	Deer Park	Moradabad
20.	Uttar Pradesh	Van Chetna Kendra, Kumarganj	Faizabad
21.	West Bengal	Corporation Park, Jogmaya	Howrah
22.	West Bengal	Bellilious Park	Howrah

Following zoos were found far below the prescribed standards. Recognition was, therefore, not granted to them.

S. No.	State	Name of the zoo	Remarks
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Small Zoo

1.	Rajasthan	Kota Zoo	State Government has been asked to give an undertaking that it would provide fund for improvement of Kota Zoo.
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S. No.	State	Name of the zoo	Remarks
Mini Zoos			
1.	Delhi	Deer Park, Dilshad Garden	Refused Recognition
2.	U.P.	Van Vihar, Jaunpur	Has been asked to increase the area of the zoo.
3.	U.P.	Indira Park, Bijnor	Refused Recognition
4.	U.P.	Van Chetna Kendra, Rithani Range, Meerut	Refused Recognition
5.	U.P.	Van Chetna Kendra, Mussorie	Refused Recognition
6.	West Bengal	Snake Park Reptile Research & Snake Bite Treatment, Digha	Refused Recognition



CHAPTER - IV

PLANNED BREEDING OF ENDANGERED SPECIES

1. A workshop was organised on planned breeding of Red panda at Padmaja Naidu Himalayan Zoological Park, Darjeeling with the help of European breeding programme - Red panda specialist group; American species survival plan and International Red panda management group. Dr. Roberts Miles from USA; Dr. Peter Bircher from UK and Dr. Angela Glaston from Rotterdam Zoo gave very informative presentation on the morphology, health care and breeding of Red panda.

2. As a follow up measure of the Red panda workshop, the zoo veterinarian and animal

keepers from Himalayan Zoological Park, Sikkim were provided training on upkeep of Red pandas at Padmaja Naidu Himalayan Zoological Park, Darjeeling.

3. A meeting of zoo directors was held at Sasan (Gir) on the 7th May, 1995 to discuss the strategy for planned breeding of Asiatic lion and Wild ass.

4. As a follow up measure of the decision to take up planned breeding of tigers, a meeting of the zoo directors was held at Bhopal on 24.2.1996 in which the scheme for movement of the tigers of wild origin and that of pure wild lineage was finalised.



It is proposed to move the tigers to identified zoos, after putting identification mark shortly.

Zoo Animal Exchange Programme:

The technical committee of the Central Zoo Authority met on 6.6.1995, 27.7.1995, 14.11.1995, 14.1.1996 and 16.3.1996 to discuss and decide on exchange of animals pertaining to endangered species. On the basis of these recommendations and under the powers delegated to Member Secretary, exchange programmes as given in annexure I were approved. The exchange programmes were approved keeping

in view the overall interest of the conservation of these species.

Important Births in Indian Zoos:

During the year report following important births were reported from various zoos.

S. No.	Name of the Zoo	Species	No. of Birth	Remarks
1.	Padmaja Naidu Himalayan Zoological Garden, Darjeeling	Red Panda	5	Only 2 survived
2.	Sri Venkateshwara Zoological Park, Tirupati	Wild dog	1	-
3.	Shakkarbaug Zoo, Junagarh	Wild ass	2	-
4.	Veermata Jijabai Bhosle Udyan, Bombay	Adjutant stork	2	-

CHAPTER - V

EDUCATION AND AWARENESS

The Central Zoo Authority and the Indian Zoo Directors Association continued to bring out the quarterly journal on important aspects of zoo management in the country. It was also decided to bring out a zoo year book for the country. The year book is under printing and would be released shortly.

2. During wildlife week, a special drive was organised, with the cooperation of National Zoological Park, Delhi, to bring slum school children to the zoo and inculcate in them empathy for wildlife.

3. Financial assistance was provided to a local NGO "Vatavaran" to conduct a zoo education programme for school children of Delhi.

4. Nandankanan Biological Park, Bhubaneswar organised zoo guide services for conducting the visitors round the zoo, to make their visits more rewarding and interesting.

5. A project to make a film "Zoos - Centres of Conservation" was awarded to M/s. Multi Media. By the end of the financial year the film was ready and awaiting approval.



CHAPTER - VI

RESEARCH AND TRAINING

Wildlife Institute of India, organised a Capsule course for zoo supervisors at Shri Chamarajendra Zoological Park, Mysore from 27.11.1995 to 9.12.1995. The course was attended by 38 officials from various States.

2. During the year, programmes for training of the zoo keepers were organised at Kanpur and Bhubaneswar. At Kanpur 21 keepers from Hindi speaking States and at Bhubaneswar 11 keepers from Bangla and Oriya speaking States participated.

3. Shri A. S. Dogra, Director, Chhatbir Zoological Park, Chandigarh and Dr. K.C. Patro from Nandankanan Biological Park, Bhubaneswar participated in a training programme on conservation of endangered

species at Jersey Wildlife Preservation Trust, United Kingdom from 31.7.1995 to 19.8.1995.

4. Member Secretary, Central Zoo Authority participated in the Strategic Future Workshop for zoos held at Kolon, Germany during May, 1995.

5. Member Secretary, Central Zoo Authority participated in the meeting of the Conservation Breeding Specialist Group and International Union of the Directors of Zoological Gardens held at Dublin from 27.9.1995 to 5.10.1995.

6. The Central Zoo Authority in the collaboration with CBSG, India organised a Population and Habitat Viability Analysis (PHVA) workshop for Swamp deer at Dehradun in July, 1995.



CHAPTER - VII

INTERNATIONAL COOPERATION

1. Lufthansa provided free trip to the Member Secretary, Central Zoo Authority from Delhi to Dublin and back for participating in the CBSG and International Union of the Directors of Zoological Gardens, on the instance of the President, International Union of Zoo Directors.

2. Workshops on management of invertebrates and plants were held in various zoos of the country with the help of British Council and British Airways, through the efforts of Zoo Outreach Organisation.



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 Posts	Name of incumbent
Finance Officer	2200-4000	1	M.C. Bhatnagar
Private Secretary	2000-3500	1	Vacant
Accountant	1640-2900	1	Vacant
Personal Assistant	1400-2300	1	Vacant
U.D.C.	1200-2040	1	R.S. Rawat
L.D.C.	950-1500	1	Ajay Manocha
Driver	950-1500	1	Hari Singh
Peon	750-940	2	Thakur Das & Pramod Jha

The efforts to fill the post of Evaluating and Monitoring Officer and Scientific Officer did not yield any results during this year also, because no person with requisite qualifications is willing to join in the scale of 3000-4500.

Shri Bipul Chakraborty continued to work on contract basis to assist the Member Secretary

in discharging the statutory duties, particularly evaluation of zoos and preparation of the database on zoos. Dr. J.H. Desai continued to work on consultancy basis for evaluation of zoos and provided technical assistance to the Member Secretary on various aspects of zoo management, including zoo designing.

CHAPTER - IX

FINANCIAL MATTERS

During the year, Financial Assistance worth Rs. 248.96 crores was provided to 27 zoos. The list of zoos which received financial assistance from the Central Zoo Authority during 1995-96 is at Annexure II.

Annual Accounts

The annual accounts of the Central Zoo

Authority were prepared and submitted to the Principal Director of Audit, Scientific Department on 3.6.1996. The audit of accounts was carried out by a team of the office of the Principal Director of Audit from 2.8.1996 to 16.8.1996. The copy of the audited accounts for the year 1995-96 containing receipts and payment, income and expenditure account together with the audit certificate are at annexure III.

Acquisition Proposals by the Central Zoo Authority During the Year 1995-96

Name of the Species	M	F	U	Acquired from
Arignar Anna Zoological Park, Vandalur, Tamil Nadu				
Lemur Ruffed	-	1	-	Singapore Zoological Park
Tiger Bengal	1	-	-	Nandankanan Biological Park, Bhubaneswar, Orissa
Wild Dog (Dhole)	-	1	-	Sri Venkateswara Zoological, Park, Tirupati, Andhra Pradesh
Assam State Zoo Cum Botanical Garden, Guwahati, Assam				
Black Buck	1	1	-	Mahendra Chaudhury Zoological Park, Chhat Bir, Punjab
Hyena	-	1	-	Mahendra Chaudhury Zoological Park, Chhat Bir, Punjab
Leopard (Black)	-	1	-	Mahendra Chaudhury Zoological Park, Chhat Bir, Punjab
Peacock	2	2	-	National Zoological Park, Mathura Road, Delhi
Peacock (White)	1	-	-	National Zoological Park, Mathura Road, Delhi
Aurangabad Municipal Zoo, Aurangabad, Maharashtra				
Elephant	1	1	-	Addl. PCCF (WL), Karnataka
Calcutta Snake Park, Zoological Garden, Badu, West Bengal				
Crocodile Marsh	3	7	-	Madras Snake Park Trust, Guindy, Tamil Nadu
Python Reticulate	1	1	-	Madras Snake Park Trust, Guindy, Tamil Nadu
Chief Wildlife Warden, Haryana				
Fowl Red Jungle	1	1	-	Nehru Zoological Park, Hyderabad, Andhra Pradesh
Pheasant Silver	3	3	-	Nehru Zoological Park, Hyderabad, Andhra Pradesh
Chief Wildlife Warden, West Bengal				
Elephant	-	2	-	Zoological Garden, Alipore, West Bengal
Hammat Garder Zoo, Israel				
Crocodile Salt Water	2	2	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Gharial	2	2	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh				
Bear Himalayan Black	2	2	-	Manipur Zoological Garden, Imphal, Manipur

Name of the Species	M	F	U	Acquired from
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Indira Manoranjan Van (Deer Park), Mehewa, Lakhimpur Kheri, Uttar Pradesh

Gharial	1	1	-	Gharial Rehabilitation Centre, Kukrail, Uttar Pradesh
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International Stud Book Keeper-Snow Leopard, Sweden

Snow leopard	-	-	1	Padmaja Naidu Himalayan Zoological Park, Darjeeling, West Bengal
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Jawaharlal Nehru Biological Park, Bokaro, Bihar

Leopard	1	2	-	Nandankanan Biological Park, Bhubaneswar, Orissa
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Kamla Nehru Zoological Garden, Ahemadabad, Gujarat

Bear Himalayan Black	2	2	-	Manipur Zoological Garden, Imphal, Manipur
Boar Wild	1	1	-	Veer mata Jijabai Bhosale Udyan & Zoo, Byculla (East), Maharashtra
Crocodile Marsh	-	-	5	Indroda Nature Park, Gandhi Nagar, Gujarat
Deer Brow Anteleared - Sangai	1	-	-	National Zoological Park, Mathura Road, Delhi
Dove Diamond	1	1	-	Sayaji Baug Zoo, Vadodara, Gujarat
Duck Carolina Wood	1	1	-	Sayaji Baug Zoo, Vadodara, Gujarat
Hippopotamus	-	1	-	Veer mata Jijabai Bhosale Udyan & Zoo, Byculla (East), Maharashtra
Iguana Green	1	2	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Macaw Blue & Yellow	1	1	-	National Zoological Park, Mathura Road, Delhi
Monitor Water	1	1	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Peacock (White)	-	2	-	Sayaji Baug Zoo, Vadodara, Gujarat
Pelican Rosy	2	2	-	National Zoological Park, Mathura Road, Delhi
Pigeon Blue Crowned	1	1	-	Sayaji Baug Zoo, Vadodara, Gujarat
Tiger Bengal	-	1	-	Nandankanan Biological Park, Bhubaneswar, Orissa
Tiger (White)	-	1	-	Nandankanan Biological Park, Bhubaneswar, Orissa

Kanpur Zoological Park, Kanpur, Uttar Pradesh

Bear Sloth	1	1	-	Van Vihar National Park, Bhopal, Madhya Pradesh
Leopard	1	1	-	Nandan Van, Raipur, Madhya Pradesh
Tiger Bengal	1	1	-	Van Vihar National Park, Bhopal, Madhya Pradesh

Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu

Aligator American	2	2	-	Hammat Garder Zoo, Israel, Mahabalipuram Tamil Nadu
Cobra King	-	1	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
Cobra King	2	2	-	Singapore Zoological Park
Cobra King	-	2	-	Sri Chamarajendra Zoological Gardens, Mysore, Karnataka

Name of the Species	M	F	U	Acquired from
Cobra King	1	-	-	Sundervan Nature Discovery Centre, Jodhpur Tekra, Gujarat
Crocodile Nile	1	-	-	Hammat Garder Zoo, Israel
Python Indian Rock	1	2	-	Madras Snake Park Trust, Guindy, Tamil Nadu
Python Reticulate	1	2	-	Madras Snake Park Trust, Guindy, Tamil Nadu

Madras Snake Park Trust, Guindy, Tamil Nadu

Caiman Spectal	1	2	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Cobra Monocellate	1	1	-	Calcutta Snake Park, Zoological Garden, Badu, West Bengal
Crocodile Moreleti	1	2	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Crocodile Salt Water	1	2	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Iguana Green	1	2	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Krait Banded	1	1	-	Calcutta Snake Park, Zoological Garden, Badu, West Bengal
Monitor Water	1	2	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Monitor Yellow	1	2	-	Calcutta Snake Park, Zoological Garden, Badu, West Bengal
Snake Ornamental	1	1	-	Calcutta Snake Park, Zoological Garden, Badu, West Bengal

Mahendra Chaudhury Zoological Park, Chhat Bir, Punjab

Deer Brow Anteleared - Sangai	1	2	-	National Zoological Park, Mathura Road, Delhi
Elephant	-	2	-	Assam State Zoo Cum Botanical Garden, Guwahati, Assam
Fowl Red Jungle	1	1	-	Wildlife Dept., Himachal Pradesh
Hippopotamus	1	-	-	Assam State Zoo Cum Botanical Garden, Guwahati, Assam
Macaque Lion-Tailed	-	1	-	Wildlife Dept., Himachal Pradesh

Maitri Baagh Zoo, Bhilai, Madhya Pradesh

Tiger Bengal (White)	1	1	-	Nandankanan Biological Park, Bhubaneswar, Orissa
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Manda Mini Zoo, Ramnagar, Jammu & Kashmir

Peacock	2	2	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
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National Zoological Park, Mathura Road, Delhi

Budgeriger	-	-	15	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
Cassowary	-	1	-	Assam State Zoo Cum Botanical Garden, Guwahati, Assam
Cat Fishing	2	2	-	Sri Lanka Zoo
Connure Patagonian	1	1	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
Leopard	1	1	-	Nandan Van, Raipur, Madhya Pradesh
Peacock (White)	-	1	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
Pheasant Golden	-	1	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat

Name of the Species	M	F	U	Acquired from
Pheasant Lady Amherest	-	1	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
Sparrow Grey Java	4	4	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
Spoon Bill	2	2	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat

Nehru Zoological Park, Hyderabad, Andhra Pradesh

Chinkara	1	2	-	Chief Wildlife Garden, Haryana
Deer Swamp	1	2	-	Prince of Wales Zoological Garden, Lucknow, Uttar Pradesh
Orangutan	1	-	-	Singapore Zoological Park ✓

Padmaja Naidu Himalayan Zoological Park, Darjeeling, West Bengal

Leopard Snow	1	-	-	International Stud Book Keeper-Snow Leopard, Sweden
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Prince of Wales Zoological Garden, Lucknow, Uttar Pradesh

Lion (Hybrid)	1	1	-	Nehru Zoological Park, Hyderabad, Andhra Pradesh
Lion (Hybrid)	1	2	-	Nandankanan Biological Park, Bhubaneswar, Orissa

Pt. Govind Ballabh Pant High Altitude Zoo, Nainital, Uttar Pradesh

Wolf	1	-	-	Prince of Wales Zoological Garden, Lucknow, Uttar Pradesh
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Sakkarbaug Zoo, Junagarh, Gujarat

Pheasant Silver	1	1	-	Sayaji Baug Zoo, Vadodara, Gujarat
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Sayaji Baug Zoo, Vadodara, Gujarat

Emu	-	1	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
Wolf	1	1	-	Sakkarbaug Zoo, Junagarh, Gujarat

Singapore Zoological Park

Gharial	2	6	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Lion (Breeding loan)	-	-	1	Nehru Zoological Park, Hyderabad, Andhra Pradesh ✓

Sri Chamarajendra Zoological Garden, Mysore, Karnataka

Aligator South American	1	1	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Iguana Green	1	1	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Monitor Water	1	2	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu
Python Reticulate	1	1	-	Madras Crocodile Bank Trust/Centre for Herpetology, Mahabalipuram, Tamil Nadu

Name of the Species	M	F	U	Acquired from
Tiger Bengal (White)	1	-	-	Nandankanan Biological Park, Bhubaneswar, Orissa
Wolf Maned	1	1	-	Colchester Zoo, Essex, U.K. ✓
Sri Lanka Zoo				
Chinkara	1	1	-	National Zoological Park, Mathura Road, Delhi ✓
Sri Venkateswara Zoological Park, Tirupati, Andhra Pradesh				
Wild Dog (Dhole)	1	-	-	Arignar Anna Zoological Park, Vandalur, Tamil Nadu
Tata Steel Zoological Park, Jamshedpur, Bihar				
Bear Himalayan Black	1	-	-	Sanjay Gandhi Animal Care Centre, Delhi
Bear Sloth	1	-	-	Sanjay Gandhi Animal Care Centre, Delhi
Hippopotamus	1	-	-	National Zoological Park, Mathura Road, Delhi
Peacock	2	2	-	Nandankanan Biological Park, Bhubaneswar, Orissa
Stork Painted	3	3	-	National Zoological Park, Mathura Road, Delhi
Tiger Bengal	1	1	-	Kanan Pendari
Veer mata Jijabai Bhosale Udyan & Zoo, Byculla (East) Maharashtra ✓				
Crane Red Crowned	1	1	-	Yokohama Zoo, Japan
Deer Fallow (Brown)	1	2	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
Deer Hog	1	1	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
Emu	1	1	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
Kangaroo Eastern Grey	2	2	-	Yokohama Zoo, Japan
Peacock (White)	-	2	-	Kamla Nehru Zoological Garden, Ahemadabad, Gujarat
Pigeon Crowned	1	1	-	Kamla Nehru Zoological Ahemadabad, Gujarat
Porcupine (White)	1	1	-	Kamla Nehru Zoological Garden, Ahemadabad Gujarat
Tiger Bengal (White)	1	1	-	Nandankanan Biological Park, Bhubaneswar, Orissa
Wildlife Dept., Himachal Pradesh				
Mithun	1	-	-	Mahendra Chaudhury Zoological Park, Chhat Bir, Punjab
Peacock	3	-	-	Mahendra Chaudhury Zoological Park, Chhat Bir, Punjab
Yokohama Zoo, Japan				
Gharial	1	2	-	Veer mata Jijabai Bhosale Udyan & Zoo, Byculla (East), Maharashtra
Zoological Garden, Alipore, West Bengal				
Elephant	-	2	-	Chief Wildlife Warden, West Bengal

Financial Grant Released to Zoos During the Year 1995-96

Name of the Zoo	Improvement of Animal & Security for Animals	Improvement of Veterinary care & Hygienic Supply of Food & Water	Maintenance of Healthy Environment in the Zoo	Zoo Education & Awareness	Total
	(1)	(2)	(3)	(4)	
1. Sepahijala Zoological Park, Sepahijala, Tripura	21.50	4.00	-	-	25.50
2. Manda Zoo, Ramnagar, Jammu & Kashmir	15.19	7.50	-	-	22.69
3. Padmaja Naidu Himalayan Zoological Park, Darjeeling West Bengal	14.42	2.64	-	-	17.05
4. Mahendra Chaudhury Zoological Park, Chhat Bir, Punjab	7.25	3.50	4.00	-	14.75
5. Peshwe Park Zoological Garden, Pune, Maharashtra	13.66	-	-	-	13.66
6. Kanpur Zoological Park, Kanpur, Uttar Pradesh	12.50	-	-	-	12.50
7. Sakkarbaug Zoo, Junagarh, Gujarat	4.80	-	7.50	-	12.30
8. Van Vihar National Park, Bhopal, Madhya Pradesh	10.87	0.63	-	0.75	12.25
9. Tiger Safari, Ludhiana, Punjab	9.25	-	2.50	-	11.75
10. Nandankanan Biological Park, Bhubaneswar, Orissa	7.25	2.50	0.25	-	10.00
11. Nature Park, Surat, Gujarat	10.00	-	-	-	10.00
12. Himalayan Zoological Park, Bulbuley, Gangtok, Sikkim	9.67	-	-	-	9.67
13. Nehru Zoological Park, Hyderabad, Andhra Pradesh	3.50	6.00	-	-	9.50
14. Aurangabad Municipal Zoo, Aurangabad, Maharashtra	9.45	-	-	-	9.45
15. Gandhi Zoological Park, Gwalior, Madhya Pradesh	4.25	4.50	-	-	8.75
16. Sri Venkateswara Zoological Park, Tirupati, Andhra Pradesh	7.50	-	1.25	-	8.75
17. Kamla Nehru Zoological Garden, Ahmedabad Gujarat	8.48	-	-	-	8.48
18. Sanjay Gandhi Biological Park, Patna, Bihar	1.40	6.00	-	-	7.40
19. Thiruvananthapuram Zoo, Thiruvananthapuram, Kerala	-	7.08	-	-	7.08
20. Zoological Park, Itanagar, Arunachal Pradesh	1.90	3.85	-	-	5.75

	(1)	(2)	(3)	(4)	
21. Sri Chamarajendra Zoological Garden, Mysore, Karnataka	0.13	3.00	0.22	0.30	3.64
22. Assam State Zoo Cum Botanical Garden, Guwahati, Assam	2.50	-	-	-	2.50
23. Kapilash Zoo, Dhenkanal Orissa	1.80	0.65	-	-	2.45
24. Prince of Wales Zoological Garden, Lucknow, Uttar Pradesh	2.00	-	-	-	2.00
25. Kota Zoo, Kota, Rajasthan	-	0.50	-	-	0.50
26. Miao Mini Zoo, Miao, Arunachal Pradesh	-	0.25	-	0.25	0.50
27. Mini Zoo, Roing Arunachal Pradesh	-	-	-	0.10	0.10
Total Grant to Zoos	179.25	52.59	15.72	1.40	248.96

Central Zoo Authority
(Ministry of Environment and Forests)
Receipts and Payment Account for the Year ending 31/03/96

Receipts		Payments	
To Opening Balance on 1.4.1995	9,53,579.80	By Grant to Zoos	2,48,96,185.00
To Grant-In-Aid from Central Government.	3,00,00,000.00	By Salaries	7,61,335.70
To Recoveries from Pay Bills adjustable by other Depts./Bodies.	1,13,272.00	By Wages	90,895.00
To Recoveries of Festival Advance.	0.00	By Stationery	33,936.00
To Misc. Receipts.		By Printing & Binding	1,16,926.00
(i) Fees received from Zoos with applications of Recognition/Renewal	9,600.00	By Furniture, Fixture & Furnishing	26,673.00
(ii) Refund of Security.	0.00	By Equipment & Machinery	1,68,085.00
(iii) Staff Car Recoveries	5,142.00	By Conveyance & Cartage	12,861.00
(iv) Other Misc. Recoveries	22,899.00	By Travelling Allowance	3,00,847.00
(v) Interest on Fixed Deposit	0.00	By Fees & Honorarium	13,800.00
To Income Tax	41,811.00	<u>By Telephone Charges</u>	
To Licence Fee	7,620.00	(i) Deposit	0.00
		(ii) Charges	2,75,245.00
		By Books & Publications	1,01,586.00
		By Postage & Telegram	28,296.00
		By Evaluation of Zoos	1,70,745.00
		By Bank Commission	942.00
		By Refreshment	3,525.00
		By Misc. Expenses	2,67,363.00
		By Advertisement & Publicity	3,68,653.00
		By O.T.A.	15,683.00
		By Hiring Accommodation for M.S.	63,500.00
		By Medical Expenses	11,870.00
		By Festival Advance	600.00
		By Training, Education, International Workshop and Conferences	13,98,377.00
		By Cash Security for Leased Accommodation	1,500.00
		By Petrol, Oil & Lubricant Account	34,890.00
		By L/S & Pension Contribution	47,891.00
		By Income Tax Paid	41,811.00

Receipts	Payments	
	By Remittance to other Govt. Depts./other Bodies deduction from staff taken on Foreign Services	1,13,272.00
	By Audit Fees	37,725.00
	By Research Work Projects	10,50,000.00
	By GPF Advance	0.00
	By Bonus	3,212.00
	<u>By Cash Balance</u>	
	At Bank	6,86,144.10
	In Hand	4,550.00
	Imprest	5,000.00
Total	3,11,53,923.80	Total 3,11,53,923.80

Details of Opening Balance		
(i) Cash in Hand	6,473.00	
(ii) Cash at Bank	9,42,106.80	
(iii) Imprest	5,000.00	

Central Zoo Authority
(Ministry of Environment and Forests)
Income & Expenditure for the Year ending 31/03/96

Expenditure		Income	
To Grant to Zoos	2,48,96,185.00	By Grant-in-Aid From Central Government.	3,00,00,000.00
To Research Work Projects	10,50,000.00	By Fees received from Zoos with applications of Recognition/Renewal	9,600.00
To Salaries	7,61,335.70	By Recoveries from Pay Bills adjustable by other Depts./Bodies.	1,13,272.00
To Wages	90,895.00	By Misc. Receipts.	10,941.00
To Stationery	33,936.00	By Interest on Fixed Deposit	0.00
To Printing & Binding	1,16,926.00	By Income Tax	41,811.00
To Conveyance & Cartage	12,861.00	By Licence Fee	7,620.00
To Travelling Allowance	3,00,847.00	By Excess of Expenditure over Income	0.00
To Fees & Honorarium	13,800.00		
To Telephone Charges	2,75,245.00		
To Postage & Telegram	28,296.00		
To Evaluation of Zoos	1,70,745.00		
To Bank Commission	942.00		
To Refreshment	3,525.00		
To Misc. Expenses	2,67,363.00		
To Advertisement & Publicity	3,68,653.00		
To Bonus	3,212.00		
To O.T.A.	15,683.00		
To Hiring Accommodation for M.S.	63,500.00		
To Medical Expenses	11,870.00		
To Training, Education, International Workshop and Conferences	13,98,377.00		
To Petrol, Oil & Lubricant Account	34,890.00		
To L/S & Pension Contribution	47,891.00		
To Income Tax Paid	41,811.00		
To Audit Fees	37,725.00		
To Remittance to other Govt. Depts./other Bodies deduction from staff taken on Foreign Services	1,13,272.00		
To Write off Books	395.00		
To Excess of Income over Expenditure	23,063.30		
	3,01,83,244.00		3,01,83,244.00

Central Zoo Authority
Balance Sheet as on 31st March, 1996.

Liabilities	Amount	Schedule Number	Assets	Amount	Schedule Number
1. Central Zoo Authority Fund	26,02,126.10	I	1. Fixed Assets		
2. Sundry Creditors			I) Furniture	3,05,936.00	II
3. Gifts and Donations			II) Vehicles	2,33,256.00	III
4. Current Liabilities and Provision			III) Equipment & Machinery	9,36,787.00	IV
5. Sundry Deposits			2. Books and Periodicals	2,06,853.00	V
			3. Advances	600.00	VI
			4. Security Deposits	18,000.00	VII
			5. Gifts and Donations		
			6. Sundry Debtors	2,05,000.00	VIII
			7. Investments (CZA Fund)		
			<u>Cash and Bank Balance</u>		
			Cash at Bank	6,86,144.10	
			Cash in Hand	4,550.00	
			Imprest with Admn. Officer	5,000.00	
Total	26,02,126.10		Total	26,02,126.10	

AUDIT CERTIFICATE

I have examined the Receipts and Payments Account, Income and Expenditure Account for the year ended 31st March 1996 and the Balance Sheet as on 31st March 1996 of the Central Zoo Authority, New Delhi. I have obtained the information and explanations that I have required, and 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 as shown by the books of the organisation.

New Delhi
Dated 29.10.96

Principal Director of Audit
Scientific Departments

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