

ANNUAL REPORT 1994-95



केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

**FOURTH
ANNUAL REPORT
1994-95**



केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

(Ministry of Environment & Forests)

Headquarters

Barrack No. 4, Bikaner House,

Shahjahan Road

New Delhi-110 011

CHAPTER-I

INTRODUCTION

Role of the Central Zoo Authority

The recognition of zoos as ex-situ habitat of wildlife and centres for promotion of awareness for nature conservation has been a feature of Government of India's conservation policy for decades. In earlier years as wildlife resources were in plenty and scientific interest or attention about behavioural and biological requirement of animals were limited, scientific management of wild animals in captivity was not often satisfactory and lot of zoos until the last 2-3 decades were set up for reasons of entertainment and recreation, and sometimes even for cash earning. The concept of open moated zoo with wide enclosures is an understanding of recent times. Some of the recent zoos have been established following this concept, and in other cases some State governments have taken steps to improve the enclosures. However, such efforts so far have been sporadic and were taken up only when interested and knowledgeable individuals were placed incharge of zoo management. The situation is complex because zoo belong to different governments and organisations starting from Central Government, State Government, autonomous institutions under State Governments, public bodies and private agencies.

Owing to rapid industrialisation and urbanisation in recent period, the need for quick recreation became a feature of time and tendencies to open more and more new zoos in very small land grew up considerably without paying due attention to the welfare aspect of the animals, and often cruelties were caused to such captive animals. With a view to rationalise the establishment and management of the zoos on scientific lines Wildlife (Protection) Act, 1972, was amended in 1991 introducing a new Chapter IV-A which provided for constitution of Central Zoo Authority. Government of India on the strength of Section 38-A of the Amended Act constituted the Central Zoo Authority to oversee

and monitor the management of zoos in the country w.e.f. 4.2.1992.

The main functions of Central Zoo Authority as defined 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 standards or the norms as may be prescribed;
- (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.

Constitution of the Authority

During financial year 1993-94 the Authority comprised of:

1. Minister of Environment & Forests - Chairman
2. Secretary, Environment & Forests - Member
3. Inspector General of Forests - Member
4. Addl. Inspector General of Forests (Wildlife) - Member
5. Director, Indian Veterinary Research Institute - Member
6. Shri Pushp Kumar - Member
7. Dr. Jacob Cheeran - Member
8. Ms. Sally Walker - Member
9. Ms. Sheila Pasricha - Member
10. Ms. Lekha Poddar - Member
11. Shri Ashok Kumar - Member
12. Shri S.C. Sharma - Member-Secretary

The Authority was reconstituted vide Notification No. 50 76 (E) dated 3.2.1995 (copy at Annexure 1) as follows:

1. Minister of State for Environment and Forests - Chairperson
2. Secretary to the Government of India Ministry of Environment & Forests - Member
3. Inspector General of Forests, Ministry of Environment & Forests - Member
4. Additional Inspector General of Forests and Director Wildlife Preservation, Ministry of Environment & Forests - Member
5. Joint Secretary (Financial Advisor) Ministry of Environment & Forests - Member

6. Shri Ashok Kumar, B-5/22, Safdarjang Enclave, New Delhi-110029 - Member
7. Shri Pushp Kumar, 8-3-833/97, Kamalapuri, Hyderabad - Member
8. Ms. Sally Walker, Pioneer House, P.B. No. 1688, Peelamedu, Coimbatore, Tamil Nadu - Member
9. Ms. Iqbal Malik, 540-Asian Games Village, New Delhi-110 049 - Member
10. Ms. Sheila Pasricha, E-4, Palm Spring, 104, Cuffe Parade, Colaba, Bombay-400 005 - Member
11. Mrs. Rakhi Sarkar, C/o Sunday Magazine, Calcutta - Member
12. Shri S.C. Sharma Central Zoo Authority - Member Secretary

It was also decided to have following as permanent invitees to the meetings of the Authority:

1. Director, Wildlife Institute of India
2. Director, Indian Veterinary Research Institute
3. Chairman, Animal Welfare Board.
4. President, Indian Zoo Directors Association.

An Overview of Activities of the Central Zoo Authority

The main activities of Central Zoo Authority during the year were:

1. Evaluation of the zoos with reference to minimum standards and norms fixed under the "Recognition of Zoo Rules, 1992".
2. Grant of recognition to zoos on the basis of the evaluation.

3. Networking of zoos and scientific institutions for upgrading the zoo management.
4. Initiating action for planned breeding of endangered species.
5. Approval of animal exchange programmes between Indian Zoos and with international zoos to facilitate breeding of endangered

species.

6. Organising research on different aspects of zoo management imparting technical skills to the zoo personnel;
7. Grant of financial assistance to zoos for improvement of housing, upkeep and veterinary care.

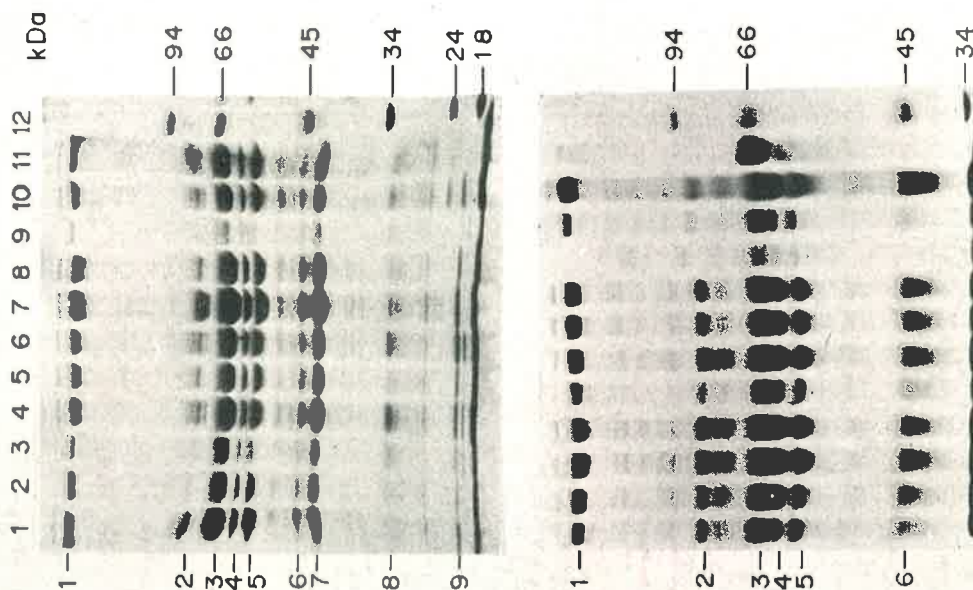
CHAPTER-II

IMPORTANT DECISIONS OF CENTRAL ZOO AUTHORITY

Meetings of the Authority

The Central Zoo Authority met on 25th August, 1994 and 27th March, 1995. Important policy decisions of the Authority are:

1. Finalisation of Logo for the Central Zoo Authority.
2. Award of research projects on DNA Finger Printing and Genome Banking to the Centre for Cellular and Molecular Biology, Hyderabad.
3. Holding of a workshop in which Zoo Directors, Regional Managers, Scientific Institutions, Animal lovers, are invited for finalising the strategy for the management of zoos.
4. Organising training programmes for zoo educators and the zoo keepers also, in addition to training programmes being organised for zoo directors and supervisory staff.
5. Publishing a book on "Zoos of India" and producing a film on "Zoos of India".
6. Bringing out a newsletter in collaboration with the Indian Zoo Directors Association for improved communication between Zoos.
7. Persuading the zoos for taking appropriate steps for control of populations of prolifically breeding species.
8. Involving Educational Institutions and NGOs in Zoo Education Programmes.
9. Selecting an alternative model of administration for National Zoological Park to improve its functioning and to make it more attractive.



Electrophoretic analysis of seminal plasma proteins of lions, leopards and leopard cat.

CHAPTER-III

EVALUATION AND GRANT OF RECOGNITION TO ZOOS



Himalayan Black bear enclosure at Assam State Zoo, Guwahati

The Evaluation Committee continued to evaluate Large, Medium, Small and Mini Zoos in the country. A list of the zoos evaluated and granted recognition is as follows:

S.No.	State	Name of the Zoo	Location
MEDIUM ZOOS			
1.	Bihar	Jawaharlal Nehru Biological Park	Bokaro
2.	Gujarat	Sayaji Baug Zoo, Kareli Bagh	Baroda
3.	Madhya Pradesh	Mahatma Gandhi Zoological Park,	Gwalior
4.	Tamil Nadu	Children's Corner, Guindy National Park, Madras	Madras
5.	Tamil Nadu	Madras Crocodile Bank Trust	Mamallapuram
6.	Tamil Nadu	Madras Snake Park Trust	Madras
SMALL ZOOS			
7.	Bihar	Bhagwan Birsa Biological Park	Ranchi
8.	Bihar	Tata Steel Zoological Park	Jamshedpur

S.No.	State	Name of the Zoo	Location
9.	Gujarat	Municipal Zoo	Rajkot
10.	Maharashtra	Aurangabad Municipal Zoo	Aurangabad
11.	Maharashtra	Maharajbagh Zoo	Nagpur
12.	Maharashtra	Peshwa Park Zoological Garden	Pune

MINI ZOOS

13.	Bihar	Satsang Zoo for Children	Deogarh
14.	Bihar	Birsa Mrig Vihar	Ranchi
15.	Bihar	Chacha Nehru Deer Park, Tilaye	Hazaribagh
16.	Bihar	Maithon Deer Park	Maithon Dam
17.	Bihar	Jai Prakash Udyan	Bodh Gaya
18.	Bihar	Muggar Breeding Centre	Ranchi
19.	Haryana	Mini Zoo	Pipli
20.	Haryana	Deer Park	Chandi Mandir
21.	Haryana	Deer Park, NFL	Panipat
22.	Orissa	Panthnivas Deer Park, Chandipur	Balasore
23.	Orissa	Taptapani Deer Park, Parlalhemudi	Taptapani
24.	Orissa	Kapilash Zoo	Dhenkanal
25.	Orissa	Municipal Deer Park	Cuttack
26.	Orissa	Regional Science Centre Zoo	Bhubaneswar
27.	Orissa	Palm Beach Deer Park	Gopalpur
28.	Orissa	Behrampur Deer Park	Behrampur
29.	Orissa	Indira Gandhi Park Zoo and Deer Park	Rourkela
30.	Maharashtra	Seminery Hills Deer Park	Nagpur
31.	Maharashtra	Navegaon Bandh Wildlife Orphanage	Nagpur

In response to the appeal made by the Secretary (E&F) to close down the small deer parks that are not effectively managed, Army authorities closed down Ram Krishna Park, Shillong, Runkun Vihar Zoo, Gaya. Proposal for Vayu Sena Nagar Zoo, Nagpur, was also dropped.

Grant of recognition to Navegaon Orphanage was subject to the condition that they would only maintain the Bird Aviary and remove all other animals from display at Navegaon Van.

CHAPTER-IV

PLANNED BREEDING OF ENDANGERED SPECIES

The Central Zoo Authority prepared and published National Stud-books for Asiatic lion & Bengal Tigers held by Indian zoos. The Stud-book of Sangai was also updated and the information furnished to International Stud-book keeper for the species.

On 28th February, 1994 a meeting of Zoo Directors willing to participate in Planned Breeding of Tiger, was organised at Bhubaneswar. The Stud-book for Tigers revealed that the Indian zoos had 28 Wild Tigers of pure lineage. Of these, 19 Tigers were selected as founder animals and species co-ordinator. Mr. Patnaik was authorised to post the selected tigers within the participating zoos in consultation with Dr. A.K. Roychoudhary, a

population biologist. It was also decided to have similar meetings to discuss planned breeding programmes for Red Panda, Asiatic Lion & Wild Ass during sometime in the year 1995-96.

Zoo Animal Exchange Programme:

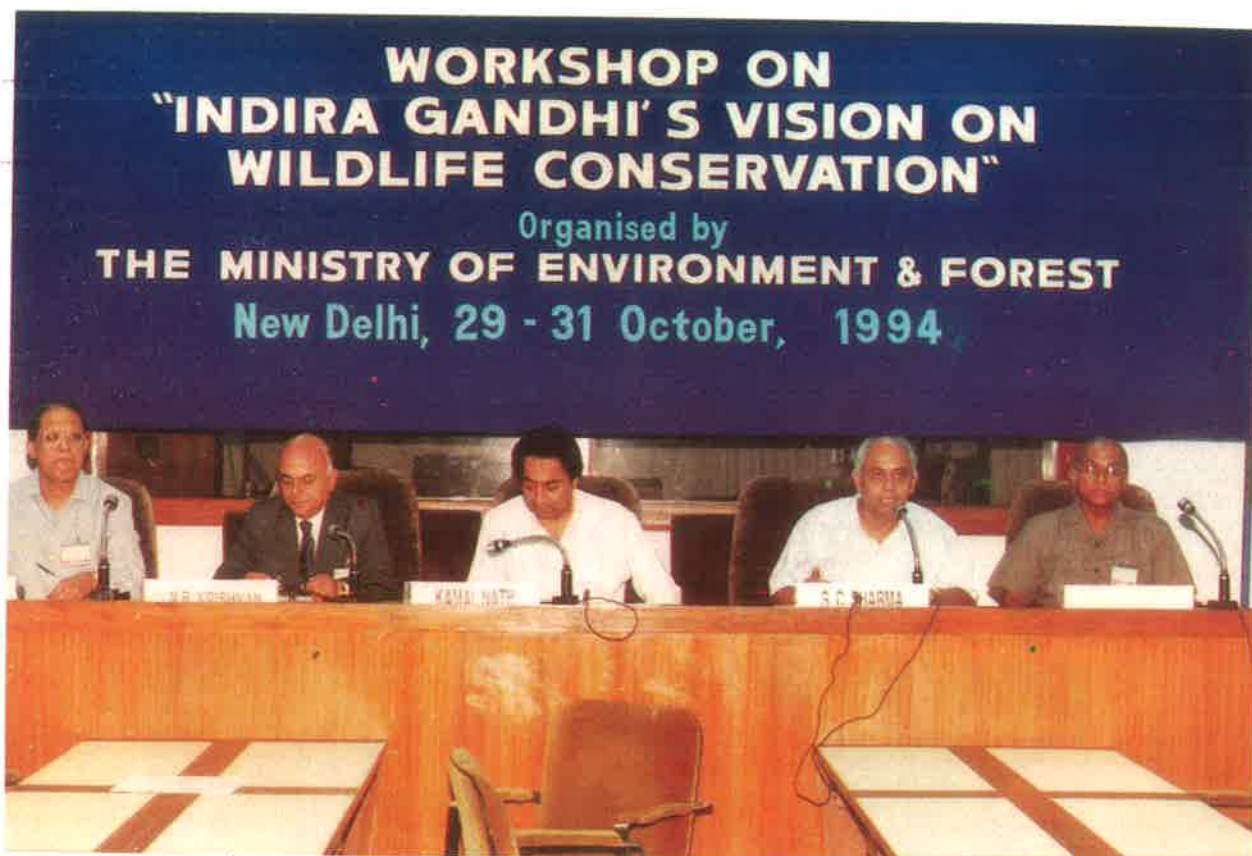
The Technical Committee of Central Zoo Authority met on 22.6.1994, 28.9.1994, 7.12.1994 and 30.1.1995. On the basis of the recommendation of the Technical Committee and under the power delegated to Member Secretary, exchange programme as given in Annexure I were approved.

The exchange programmes were approved keeping in view, the overall interest of the conservation of the species.



CHAPTER-V

EDUCATION AND AWARENESS



(1) To commemorate the martyrdom day of Smt. Indira Gandhi, a workshop was organised on "Indira Gandhi's Vision on Wildlife Conservation; Zoo as one such instrument". The workshop had sessions on bringing in professionalism in the management of zoos, scientific inputs available for improving the management of zoos and education & interpretation in zoos. The main highlight of the session on zoo education and awareness were the presentations made by the NGO's involved in zoo education programme at Patna & Trivandrum.

(2) A handbook on "The Management of animals in captivity in Lower Bengal" by R.B. Sanyal which is the first treatise on zoo management in the world was reprinted and widely circulated amongst the Zoo Managers and Protected Area Managers.

(3) Zoo Outreach Organisation continued to publish educational material and circulated to various zoos. Dr. Iqbal Mallik a member of the Central Zoo Authority initiated a zoo education programme for the school children at Delhi.

Indian Zoo Director Association and Central Zoo Authority started a quarterly journal for sharing of information between various zoos. The evaluation committee continued to hold press conference/organise a meeting of the group interested in management of zoos after evaluation of each zoo. Addl. Inspector General Forest (WL) and Member Secretary gave interviews about the policies on zoo management to various audio-visual agencies and print media.

CHAPTER-VI

RESEARCH AND TRAINING

Wildlife Institute of India organised a capsule course of training of zoo directors at National Zoological Park, Delhi. 24 trainees from various Indian zoos participated in the course. The trainees were apprised of the modern concept of zoo management. Various field exercises were also carried out by the trainees as part of the training.

Sh. N.C. Bahuguna, Director Padmaja Naidu Himalayan Zoological Park, Darjeeling, participated in training programme at Jersey Wildlife Preservation Trust, United Kingdom from 30.7.1994 to 20.8.1994.

The Member Secretary, Central Zoo Authority participated in the meeting of the Conservation Breeding Specialist Group and International Union of Directors of Zoological Gardens held at Sao Paulo, Brazil from 26th August to 1st October, 1994. During his visit he also visited Sao Paulo Zoo, Bronx Zoo, U.S.A. and the Collection of World Pheasant Association at London. The Member

Secretary attended meeting of the South East Asian Zoo Directors Association from 14th November, to 18th November, 1994. He visited Ocean Park, Hong Kong; Singapore Zoo & Jurong Bird Park. The visit to these zoos provided him an insight into modern concepts on zoo management.

Minister of Environment & Forests and Chairman, Central Zoo Authority visited Singapore Zoo alongwith Sh. Ashok Kumar, Member of the Central Zoo Authority.

Central Zoo Authority collaborated with CBSG, India in organising population and Habitat Viability Analysis (PHVA) workshop for Gharial at Jiwaji Rao University, Gwalior.

A special session on DNA Finger printing in Wild animals at 3rd International Conference on DNA Finger Printing, Hyderabad - 13th to 16th December, 1994, was sponsored by the Central Zoo Authority to provide exposure to zoo Managers and Wildlife scientists.



Zoo managers at training programme at Arignar Anna Zoological Garden, Madras.

CHAPTER-VII

INTERNATIONAL CO-OPERATION

Kolon Zoo gifted 100 transponders and other accessories for marking of the animals under the planned breeding programme. The Red Panda Specialist Group and the Rotterdam Zoo gifted 3

Red Pandas to Darjeeling Zoo for strengthening of the gene pool for the planned breeding of the species.



Red panda at Padmaja Naidu Himalayan Zoological Park, Darjeeling.



A tiger enclosure constructed during early part of this century.

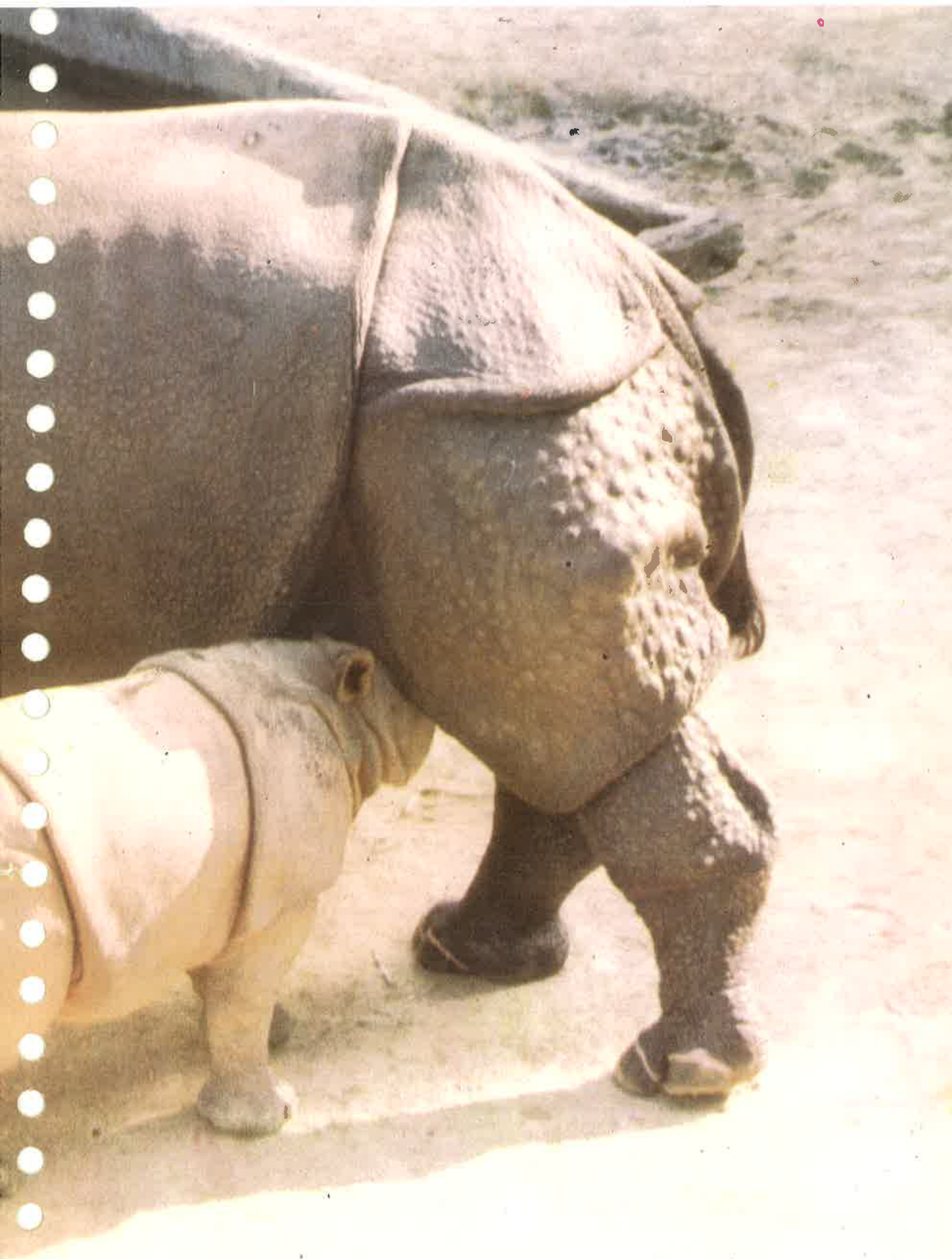
***CAGED ENCLOSURES GIVING WAY TO
OPEN LARGE AND NATURALISTIC
ENCLOSURES.***



Tiger enclosure at Indira Gandhi Zoological Garden,
Vishakapatnam.

23







ENDANGERED ENDEMIC SPECIES, HIGH PRIORITY FOR EX-SITU CONSERVATION.

Pharey's leaf monkey at Sepahijala Zoological Garden, Agartala.



Slender loris at National Zoological Park, New Delhi.

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 (Since 13.1.95)
Private Secretary	2000-3500	1	R.N. Tyagi (Since 20.1.95)
Accountant	1640-2900	1	V.K. Arya (Since 1.4.94)
U.D.C.	1200-2040	1	R.S. Rawat (Since 1.4.94)
L.D.C.	950-1500	1	Ajay Manocha (Since 13.1.95)
Peon	750-940	2	Thakur Dass (Since 13.1.95) Pramod Jha (Since 2.1.95)

During the year under report only post of Finance Officer could be filled. The efforts to fill the post of Evaluating and Monitoring Officer and Scientific Officer did not yield any results because no person with requisite qualifications is willing to join in the scale of 3000-4500.

Sh. Bipul Chakrabarty continued to work on

contract basis to assist the Member Secretary in discharge-off the statutory duties, particularly evaluation of zoos and preparation of the database on zoos. Dr. J.H. Desai was given a consultancy for a period of 2 years on evaluation of zoos and organising training programme for various levels of zoo personnel.

CHAPTER-IX

FINANCIAL MATTERS

During the year, Financial Assistance worth Rs. 2.59 crores was provided to 29 zoos. The list of zoos which received financial assistance from Central Zoo Authority during 1994-95 is at Annexure III.

Annual Accounts

The annual accounts of the Central Zoo

Authority were prepared and submitted to the Principal Director of Audit, Scientific Department on 23.5.1995. The audit of accounts was carried out by a team of the office of the Principal Director of Audits from 12.7.95 to 1.8.95. The copy of the audited accounts for the year 1994-95 containing receipts and payment, income and expenditure account together with the audit certificate are at Annexure IV.

MINISTRY OF ENVIRONMENT AND FORESTS

NOTIFICATION

NEW DELHI, THE 3RD FEBRUARY, 1995

S.O. 76(E).- In exercise of the powers conferred by section 38A and subsection (1) of section 38B of the Wildlife (Protection) Act, 1972 (53 of 1972), the Central Government hereby reconstitutes the Central Zoo Authority and appoints the following to it, namely:

1. Minister of State for Environment and Forests. - Chairperson
2. Secretary to the Government of India, Ministry of Environment and Forests - Member
3. Inspector General of Forests, Ministry of Environment and Forests - Member
4. Additional Inspector General of Forests, and Director Wildlife Preservation, Ministry of Environment and Forests - Member
5. Joint Secretary (Financial Advisor) Ministry of Environment and forests - Member
6. Shri Ashok Kumar, B-5/22, Safdarjang Enclave, New Delhi-110029 - Member
7. Shri Pushp Kumar, 8-3-833/97, Kamalapuri, Hyderabad - Member
8. Ms. Sally Walker, Pioneer House, P.B. No. 1688, Peelamedu, Coimbatore, Tamil Nadu - Member
9. Dr. Iqbal Malik 540-Asian Games Village, New Delhi-110 049 - Member
10. Ms. Sheila Pasricha, E-4, Palm Springs, 104-Cuffe Parade, Colaba, Bombay-400 005 - Member

11. Mrs. Rakhee Sarkar,
CO Sunday Magazine,
Calcutta

- Member

12. Shri S.C. Sharma,
Central Zoo Authority

- Member Secretary

2. The term of the Chairperson and Members shall be for a period of three years with effect from 3.2.1995.

3. The Authority shall perform the functions as assigned under the said Act

(F No. 6-3191 - AW)
Sarweshwar Jha, Jt. Secy.

EXCHANGE PROPOSALS APPROVED BY THE CENTRAL ZOO AUTHORITY DURING THE YEAR 1994-95

Exchange between Indian Zoos			
<u>Ahmedabad Zoo</u>	to	<u>Hyderabad Zoo</u>	
Emerald dove	0.0.1 for	Grey hornbill	1.1
Nicobar pigeon	0.0.1	Hippopotamus	1.0
Mouse deer	2.1	Pigtailed macque	1.0
Patagonian connure	1.1		
Bluemasked lovebird	0.0.5		
Silver pheasant	1.1		
Painted spurfowl	1.1		
Brownearcd connure	1.1		
Crowned pigeon	0.1		
Hog deer	2.3		
Fallow deer (br.)	2.1		
Goldenlangur	0.0.1		
<u>Kanpur Zoo</u>	to	<u>Ahmedabad Zoo</u>	
Grant zebra	0.1 for	Clouded leopard	0.1
		Jungle cat	1.0
<u>Madras Zoo</u>	to	<u>Nandankan Zoo</u>	
Nilgiri Langur	0.2 for	Wolf	1.0
Brahmini kite	1.1	Lesser sulphur crested cockatoo	1.1
<u>Trivandrum Zoo</u>	to	<u>Madras Zoo</u>	
Hog deer	1.2 for	Black buck	1.1
		black bear	1.0
<u>Kanpur Zoo</u>	to	<u>Calcutta Zoo</u>	
Saras crane (wild caught)	1.1 for	Saras crane (zoo born)	1.1
<u>Delhi Zoo</u>	to	<u>Calcutta Zoo</u>	
Eland	1.0 for	Sloth bear	1.0
Chinkara	2.2	Jaguar	1.1
<u>Lucknow Zoo</u>	to	<u>Calcutta Zoo</u>	
Swamp deer	2.5 for	Fallow deer	1.1
		Sangai	2.3
		Sloth bear	1.0
<u>Kanpur Zoo</u>	to	<u>Calcutta Zoo</u>	
<u>Sikka deer</u>	1.1 for	<u>White fallow deer</u>	1.1
<u>Silver pheasant</u>	1.1	<u>LTM</u>	0.1
<u>Jaipur Zoo</u>	to	<u>Chandigarh Zoo</u>	
Chinkara	2.3 for	Black leopard	1.1
Hog deer	1.2		
Crocodile	0.0.8		
<u>Ahmedabad Zoo</u>	to	<u>Baroda Zoo</u>	
Hog deer	1.1 for	Nicobar pigeon	0.0.1
<u>Chandigarh Zoo</u>	to	<u>Kairu Chinkara Brding, Farm</u>	
Tiger	0.1 for	Chinkara	2.3
Panther	0.1		
<u>Assam State Zoo</u>	to	<u>Chandigarh Zoo</u>	
Hippopotamus	0.1 for	Black buck	1.2
<u>Lucknow Zoo</u>	to	<u>Kanpur Zoo</u>	
Grant zebra	1.0 for	Chinkara	1.1
Swamp deer	0.2	Rhinoceros	1.0
Hippopotamus	1.0	Hippopotamus	1.0
Leopard	0.1	Wolf	0.1
Painted stork	8 (?)	Kaleej pheasant	2.2
Pelican	1 (?)	Love birds	2.1
Stumptailed macaque	1.0	Silver pheasant	1.1
White peacock	1.1	Black buck	9 (?)
		Cockatiel	1.0
		Budgerigar	4.4
<u>Chandigarh Zoo</u>	to	<u>Lucknow Zoo</u>	
Tiger	1.1 for	Swamp deer	1.1
<u>Proposal for Sale/Purchase of animals between Indian Zoo</u>			
<u>Sakkarbaug, Junagadh</u>	to	<u>Mysore Zoo</u>	
Wild ass	1.1		
<u>Nandanakanan Zoo</u>	to	<u>Tata Zoo, Jamshedpur</u>	
Hanuman langur	2.2		
Rhesus monkey	2.2		
Bonnet monkey	1.1		

<u>Nandankanan Zoo</u>	to	<u>Sayaji Baug Zoo, Baroda</u>	<u>Alipore Zoo, Calcutta</u>	to	<u>Darjeeling Zoo</u>
Spectal cayman	1.1		Bhutan grey		
Gharial	0.1		peacock pheasant	2.2	transfer
<u>Guwahati Zoo</u>	to	<u>Chandigarh Zoo</u>	<u>Proposal regarding distribution of excess/single animals between Indian zoos</u>		
Hippopotamus	0.1		<u>Delhi Zoo</u>	to	<u>Nandanakanan Zoo</u>
<u>Rourkela Steel Plant Zoo</u>	to	<u>Tata Zoo</u>	Sangai	2.4	for
Peacock	2.2				Binturong 0.1
<u>Assam State Zoo</u>	to	<u>Tata Zoo</u>			Wolf 0.1
Sloth bear	1.0				Capped langur 0.1
Assamese macaque	1.1		<u>Delhi Zoo</u>	to	<u>Manipur Zoo</u>
Barking deer	4.4		Sangai	2.5	for
<u>IVRI, Izzatnagar</u>	to	<u>Tata Zoo</u>			Otter 1.0
Blackbuck	4.4		<u>Delhi Zoo</u>	to	<u>Trivandrum Zoo</u>
<u>Van Vihar N.P., Bhopal</u>	to	<u>Tata Zoo</u>	Sangai	1.2	for
Indian Tiger	1.1				Capped langur 0.1
<u>Satsang Zoo</u>	to	<u>Delhi Zoo</u>	<u>Chandigarh Zoo</u>	to	<u>Kanpur Zoo</u>
Four-horned antelope	1.0		LTM	1.0	
<u>Satsang Zoo</u>	to	Tata Zoo	<u>Nandankanan Zoo</u>	to	<u>Kahpur Zoo</u>
Large Indian civet	2.1		LTM	1.0	for
					Golden langur
			<u>Lucknow Zoo</u>	to	<u>Kanpur Zoo</u>
			LTM	1.0	
			<u>Exchange between Indian/Foreign Zoos</u>		
<u>Proposal for Gift/Transfer of Animals between Indian Zoos</u>			<u>Delhi Zoo</u>	to	<u>Zahrada Zoo, Czechoslovakia</u>
<u>Indore Zoo</u>	to	<u>CCF, Madhya Pradesh</u>	Grey langur	1.1	for
Elephant	1.0	transfer			Sooty mangabey 1.1
<u>Sanjay Gandhi Animal Care Centre, Delhi</u>	to	<u>Tata Zoo</u>	<u>Nandankanan Zoo</u>	to	<u>Singapore Zoo</u>
Sloth bear	1.0	to be gifted	Gharial	0.1	
<u>WB. Forest Dept.</u>	to	<u>Tata Zoo</u>	<u>Ahmedabad Zoo</u>	to	<u>Halmstad Iroplkhus Institution of Sweden</u>
Leopard	1.1	to be gifted	Marsh crocodile	3.3	for
<u>IVRI, Izzatnagar</u>	to	<u>Delhi Zoo</u>	Starred tortoise	4.4	
Swamp deer	1.0	transfer			Swedish viper 3.3
					Honduran Kingsnake 2.2
			<u>Delhi Zoo</u>	to	<u>Rotterdam Zoo, Netharland</u>
			Painted stork	0.0.6	for
					Grey kangaroo 1.1

Delhi Zoo to Sri Lanka Zoo
 Chinkara 1.1 for Red Lechwe 1.2
 Nilgal 2.2

Proposal for gift/transfer of animals between Indian/
 foreign zoos

Munich Zoo to Mysore Zoo
 Sandy wallaby 1.2 gift
 Mute swan 1.1
 Blacknecked swan 1.1
 Red kangaroo 1.1
 Scarlet Ibis 1.1

Chief Wildlife Garden,
 Karnataka to Munich Zoo,
 Germany

Elephant 1:1

Royal Melbourne Zoo to Hyderabad Zoo

Eastern black & White
 Colobus monkey 1.2 gift

Duke University,
 Carolina, USA to Mysore Zoo

Black lemur 1.1 gift

Dublin Zoo to Mysore Zoo

Gorilla 1.0 transfer

FINANCIAL GRANTS RELEASED TO ZOOS

S. No.	Name of the Zoo	1994-95 (Rs. in lakh)
1.	Nehru Zoological Park, Hyderabad	35.50
2.	Venkateshwara Zoo, Tirupati	18.75
3.	Bhagwan Birsa Biological Park, Ranchi	16.98
4.	National Zoological Park	15.75
5.	M.C. Zoological Park, Chhatbir	15.19
6.	Padmaja Naidu Himalayan Zoo, Darjeeling	13.42
7.	Manipur Zoological Garden, Imphal	13.25
8.	Arignar Anna Zoological Garden, Vandalur, Madras	12.00
9.	Shri Chamarajendra Zoo, Mysore	11.69
10.	Assam State Zoo, Guwahati	11.05
11.	Rangapahar Zoological Garden, Dimapur	10.02
12.	Peshwe Park, Pune	10.00
13.	Kamla Nehru Zoo, Indore	10.00
14.	Kanpur Zoo	8.75
15.	Ludhiana Zoo	8.15
16.	Prince of Wales Zoological Garden, Lucknow	7.25
17.	Himalayan Zoological Park, Gangtok	6.28
18.	Himalayan Nature Park, Kufri	6.20
19.	Krishna Giri Upwan, Borivilli, Bombay	6.05
20.	Nandankanan Biological Park, Bhubaneswar	5.13
21.	Kamla Nehru Zoo, Ahmedabad	3.75
22.	Sanjay Gandhi Biological Park, Patna	3.50
23.	Bikaner Zoo	2.90
24.	Aizwal Zoo	2.75
25.	Itanagar Zoological Park	1.87
26.	Pheasant Breeding Centre, Sarahan	1.35
27.	Bombay S.P.C.A.	0.50
28.	MIAO Zoo	0.50
29.	Sakkarbaug Zoo, Junagarh	0.37
		258.90

CENTRAL ZOO AUTHORITY
(Ministry of Environment and Forests)
Receipts and Payments Account for the year ending 31.3.95.

Receipts		Payments	
To Opening balance on 1.4.94	2,75,403.80	By grant to zoos	2,58,90,522.00
To grant-in-aid from Central Govt.	3,30,00,000.00	By salaries	4,98,292.80
To recoveries from pay bills adjustable by other Depts./bodies	83,401.80	By wages	1,20,172.00
To recoveries of festival advance	300.00	By stationery	36,466.50
<u>To Misc. Receipts</u>		By printing & binding	1,19,018.00
(i) Fees received from Zoos with applications of recognition/renewal	10,400.00	By furniture, fixture and furnishing	3,618.00
(ii) Refund of security	13,500.00	By equipment and machinery	1,73,866.00
(iii) Staff car recoveries	3,699.80	By conveyance & cartage	23,472.00
Int. of fixed deposit	22,685.00	By travelling allowance	3,80,563.00
To Income Tax	18,780.00	By fees and honorarium	8,500.00
To Licence Fee	7,380.00	<u>By Telephone Charges</u>	
		(i) Deposit.....	
		(ii) Charges	1,47,775.00
		By books and publications	2,46,652.00
		By postage and telegram	18,270.00
		By evaluation of Zoos	79,147.00
		By bank commission	33,474.00
		By refreshment	6,172.00
		By misc. expenses	1,44,143.50
		By advertisement and publicity	1,67,356.00
		By O.T.A.	Nil
		By hiring accommodation for M.S.	52,500.00
		By medical expenses	1,430.00
		By festival adv.	Nil
		By training, education, International workshop and conferences	8,85,853.00
		By cash security for leased accommodation	13,500.00
		By petrol, oil and lubricant account	32,417.00
		By L/S and pension, contribution	406.00
		By Income Tax paid	18,786.00
		By remittance to other Govt. Depts./other bodies deduction from staff taken on foreign services	83,401.80
		By Audit Fees	13,040.00
		By research work projects	32,74,460.00
		By GPF Advance	7,200.00
		By Bonus	1,497.00
Total	3,34,35,550.40		

By Cash Balance

At bank 9,42,106.80

In Hand 6,473.00

Imprest 5,000.00

9,53,579.80

Total	3,34,35,550.40	Total	3,34,35,550.40
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Details of Opening Balance.

(i) Cash in hand 331.00

(ii) Cash at Bank 2,73,072.80

(iii) Imprest 2,000.00

(S.C. Sharma)
Member-Secretary

CENTRAL ZOO AUTHORITY
Income and Expenditure for the Year
Ended 31st March, 1995

Expenditure		Income	
To Grant to Zoos	2,58,90,522.00	By Grant-in-aid	3,30,00,000.00
To Research project	32,74,460.00	from Min. of Env. & Forest	
To Salaries	4,98,292.80	By Fees received from Zoos	10,400.00
To Wages	1,20,172.00	By Recoveries from pay bills	83,401.80
To Stationery	36,466.50	adjustable by other Deptts./Bodies.	
To Printing & Binding	1,19,018.00	By Misc. Income	3,699.80
To Conveyance & Cartage	23,472.00	By Interest on F.D.	22,685.00
To T.A.	3,70,663.00	By Income Tax	18,780.00
To Fees & Honorarium	8,500.00	By Licence Fees	7,380.00
To Telephone Charges	1,47,775.00	By Excess of Expenditure	
To Postage & Telegram	18,270.00	over Income	
To Evaluation of Zoos	79,147.00		
To Bank Commission	33,474.00		
To Refreshments	6,172.00		
To Misc. Working Exp.	1,44,143.50		
To Advertisement & Publicity	1,67,356.00		
To Bonus	1,497.00		
To O.T.A.			
To Rent of Leased	52,500.0		
Accommodation			
To Medical Expenses	1,430.00		
To Training Education	8,85,853.00		
& International Workshop &			
Conferences			
To Petrol, Oil Lubricants	32,417.00		
To L/S Pension Contributions	406.00		
To Income Tax	18,780.00		
To Audit Fees	13,040.00		
To Remittance to other	83,401.80		
Deptts/Bodies-Deductions from			
Staff taken on foreign service			
To Excess of Income over			
Expenditure	11,19,118.00		
	3,31,46,346.60		3,31,46,346.60

(S.C. Sharma)
Member-Secretary

CENTRAL ZOO AUTHORITY
Permanent Assets as on 31.3.95

Sl. No.	Particulars	Opening Stock	Additions during the year	Write off during the year (-)	Total
1.	Renovation of office Building, Furniture, Fixture & Fittings.	2,75,645.00	3,618.00	-	2,79,263.00
2.	Equipment and Machinery	5,94,836.00	1,73,866.00	-	7,68,702.00
3.	Books & Periodicals	64,010.00	41,652.00	-	1,05,662.00
4.	Vehicles	2,33,256.00	-	-	2,33,256.00
	Total	11,67,747.00	2,19,136.00	-	13,86,883.00

(S.C. Sharma)
Member-Secretary

CENTRAL ZOO AUTHORITY
Balance Sheet as on 31st March, 1995

Liabilities	Amount	Schedule Number	Assets	Amount	Schedule Number
1. Central Zoo Authority Fund	25,79,062.80	I	1. <u>Fixed Assets</u>		
2. Sundry Creditors			(i) Furniture	2,79,263.00	II
3. Gifts and Donations			(ii) Vehicles	2,33,256.00	IV
4. Current liabilities and provisions			(iii) Equipment & Machinery	7,68,702.00	V
5. Security Deposits			2. Books and Periodicals	1,05,062.00	III
			3. Advances	-	-
			4. Security Deposits	16,500.00	VI
			5. Gifts and Donations	-	-
			6. Sundry Debtors	2,22,100.00	VII
			7. Investments (CZA Fund)	-	-
			<u>Cash and Bank Balance</u>		
			Cash at Bank	9,42,106.80	
			Cash in Hand	6,473.00	
			Imprest with Admn. Officer	5,000.00	
Total	25,79,062.80			25,79,062.80	

Note: Accounts have been revised at the instance of audit after incorporating minor changes.

(S.C. Sharma)
Member-Secretary
Central Zoo Authority
New Delhi

AUDIT CERTIFICATE

I have examined the Receipts and Payments Account, Income and Expenditure Account for the year ended 31st March 1995 and the Balance Sheet as on 31st March 1995 of the Central Zoo Authority, New Delhi. I have obtained all 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: 27.12.95

Pr. Director of Audit
Scientific Departments

Picture - Page 5, 9, 10, 14
Picture - Page 12, 13
Picture - Page 4
Picture - Page 7, 8, 11

Courtesy - Dr. J.H. Desai
Courtesy - Director, Kanpur Zoo
Courtesy - CCMB, Hyderabad
Central Zoo Authority

COVER :

Front : Smooth Indian Otter at National Zoological Park, Delhi.
Back : Painted Stork (Nest) at National Zoological Park, Delhi.
(*Courtesy* : Dr. J.H. Desai)

