

Annual Report 2007-08



केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

ANNUAL REPORT

2007-08



Central Zoo Authority

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

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Annual Report 2007-08 Central Zoo Authority

An Introduction

Zoos in India are regulated under the provisions of the Wild Life (Protection) Act, 1972 and are guided by the National Zoo Policy, 1998. The Central Zoo Authority was established by the Government of India in the year 1992 through an amendment in the Wild Life (Protection) (1991 Amendment) Act, 1972. The main objective was to enforce minimum standards and norms for upkeep and healthcare of animals in Indian zoos and restrain mushrooming of unplanned and ill-conceived zoos that were cropping up in the country as adjuncts to public parks, industrial complexes and waysides.








The Central Zoo Authority is a statutory autonomous body under the administrative control of Ministry of Environment & Forests, Government of India. The Authority is a twelve member body headed by a Chairperson. Minister of State for Environment & Forests (Forests & Wildlife) is presently the *ex-officio* Chairperson of the Central Zoo Authority. Member Secretary is the Chief Executive Officer of the Authority.

The Authority has been reconstituted for the sixth time for a period of three years in September, 2007 vide Gazette Notification No. S.O. 1629 (E) dated 26.9.2007 and appointed the following to it, namely,

- | | |
|---|--------------------------|
| 1. Minister of State for Environment & Forests, (Forests & Wildlife), Government of India. | Chairperson (ex-officio) |
| 2. Secretary to the Government of India, Ministry of Environment & Forests, New Delhi. | Member (ex-officio) |
| 3. Director General of Forests & Special Secretary, Ministry of Environment & Forests, Government of India, New Delhi. | Member (ex-officio) |
| 4. Additional Director General of Forests (Wildlife), and Director, Wildlife Preservation, Ministry of Environment & Forests, Government of India, New Delhi. | Member (ex-officio) |





- | | | |
|---|--|------------------------|
|  | 5. Additional Secretary and Financial Advisor,
Ministry of Environment & Forests,
Government of India, New Delhi. 25 | Member
(ex-officio) |
|  | 6. Director,
Indian Veterinary Research Institute,
Bareilly, Uttar Pradesh. 7000 | Member
(ex-officio) |
|  | 7. Director,
Wildlife Institute of India,
Dehradun, Uttarakhand. | Member
(ex-officio) |
|  | 8. Dr. S. Kannaiyan,
Former Vice-Chancellor,
Tamil Nadu Agricultural University,
Coimbatore, Tamil Nadu. | Member |
|  | 10. Shri Kartick Satyanarayan,
Wildlife SOS, New Delhi | Member |
|  | 11. Dr. Vibhu Prakash,
Bombay Natural History Society | Member |
|  | 12. Member Secretary,
Central Zoo Authority
New Delhi. | Member Secretary |

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

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



- (g) to identify priorities and themes with regard to display of captive animals in zoos;
- (h) to coordinate training of zoo personnel in India and outside India;
- (i) to coordinate research in captive breeding and educational programmes for the purposes 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.

To carry out the functions of the Authority, two sub-groups of the members, namely Administrative Committee (headed by the Director General of Forests, Government of India - to decide on administrative and budgetary issues) and Technical Committee (headed by the Addl. DGF(WL) - to take decisions on all technical matters) have been formed, which are coterminous with the tenure of the Authority. An expert group on Zoo Designing with one Zoo Designer, one Architect and one Civil Engineer as Members and Member Secretary, Central Zoo Authority as convener has also been formed in the Authority to give recommendations on Zoo Master Plans and approval of the Enclosure Designs submitted by different Zoos.

The 14th meeting of the Administrative Committee of the

Central Zoo Authority was held on 21.11.2007. Budget estimate for the year 2008-09 along with the revised estimate for 2007-08 was adopted in the meeting. The Technical Committee met thrice during the year. 45th meeting was held on 16.07.2007, 46th on 01.08.2007, and the Technical Committee had its 47th meeting on 18.2.2008 and considered the recommendations made by the Expert Group on Zoo Designing/ Sub-Committee on Zoo Designing in addition to attending to other agenda.

Prescribing standards and norms

The Technical Committee of the Central Zoo Authority in its 44th Meeting held on 23.01.2007 had decided to form one Expert Group for giving recommendations on rationalization of Recognition of Zoo Rules, 1992, as well as on different guidelines issued by the Central Zoo Authority for their compliance. The Expert Group had two sittings during period of report. The draft has been finalized for placing in the next meeting of the Central Zoo Authority for discussion before submission of the same to the Ministry of Environment & Forests, Government of India for approval.

Evaluation of zoos

3 large, 8 medium, 6 small, 22 mini zoos and 7 rescue centres have been evaluated as zoos during the year. A list of zoos evaluated during the year 2007-08 is placed at **Annexure- I**. Central Zoo Authority also gave in principle approval for creation of a





Night Safari at Greater Noida and Lion Safari at Ambardi in Gujarat, subject to the necessary orders from the Supreme Court of India.

Recognition/ de-recognition of zoos

5 large, 8 medium, 5 small, 20 mini zoos and 4 rescue centres have been given conditional recognition whereas recognition has been refused to 2 rescue centres during the year. Details of different categories of zoos recognized or refused recognition as zoos during the year 2007-08 is placed at **Annexure-II**. The Central Zoo Authority has received 509 applications from different wild animal holding facilities for recognition as zoos in the last 15 years of its creation. 180 zoos have been given conditional recognition whereas 38 facilities have been found to be not requiring recognition as zoos. Out of the 291 animal holding facilities which have been derecognized or refused recognition by the Central Zoo Authority, 260 facilities have physically been closed. There are only 31 animal holding facilities which have been de-recognized by the Central Zoo Authority and still holding wild animals (1563 Nos.) and in process of rehabilitation of these animals. List of recognized zoos in India as on 31.03.2008 is at **Annexure -III**.

Conservation Breeding Programme

The Central Zoo Authority has decided to coordinate planned conservation breeding of 63 critically endangered wild animal species in Indian zoos.

The species for conservation breeding have been identified in consultation with the Chief Wild Life Wardens, in-situ wildlife managers and Zoo Directors. It has been decided that wild animal species with less than 2500 individuals left in the wild and less than 100 animals in captivity in India will be taken up under co-



ordinated planned conservation breeding in Indian zoos. 2 to 4 zoos nearer to the natural distribution zone of each identified species have been identified to participate in the conservation breeding programme. One of the participating zoos has been designated as coordinating zoo for the species, where the off-display conservation breeding centre will be created. A meeting of the Chief Wild





Life Wardens and Directors of zoos of North Eastern States was organized at Guwahati for finalizing the species and other details of conservation breeding of the endemic species of North Eastern India. A meeting of the Chief Wild Life Wardens and Zoo Directors from South Indian States was organized at Ooty to finalize the details of the conservation breeding programme for the endangered species of Western Ghats. Similarly, a meeting of the Chief Wildlife Wardens and the Zoo Directors from Himalayan States was organized at New Delhi to finalize the details of the breeding programme of the High Altitude species from Himalayas. A meeting of the concerned Chief Wild Life Wardens, experts and ex-situ managers was organized at New Delhi for initiation of conservation breeding programme for different bustard species in India. Finally, a concept paper has been prepared considering all the aspects of the breeding programme and the same was discussed in the International Conference on "India's conservation breeding initiative" from 21st to 24th February, 08, where 100 participants from 18 different



countries participated. List of critically endangered wild animal species identified for Co-ordinated Planned Conservation Breeding Programme along with names of co-ordinating and participating zoos is placed at **Annexure-IV**. A list of births of endangered species in Indian zoos during the year 2007-08 is given at **Annexure-V**.

Exchange/ Transfer of animals by zoos

19 exchange proposals of animals between Indian zoos and 9 exchange proposals between Indian and foreign zoos were approved by the Authority during the period of the report. A list of the approved proposals is provided below :





(a) Exchange of animals between Indian zoos

Sl. No.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
1.	Lucknow Zoological Park, Hog deer 2:2	Nandankanan Zoological Park, Lucknow Bhubaneswar Bengal tiger 1:1
2.	Rajkot Municipal Corporation Zoo, Rajkot Nil	Sakkarbaug Zoo, Junagarh Asiatic lion 1:0
3.	Assam State Zoo, Guwahati Slow loris 0:1	Sepahijala Zoological Park, Agartala Binturong 0:1
4.	Chail Pheasantry, Chail Kaleej Pheasant 4:4	Pheasant Breeding Centre, Morni NIL
5.	Dhauladhar Nature Park, Gopalpur Leopard 0:2	Mini Zoo, Rohtak Nil
6.	Gandhi Zoological Park, Gwalior Nil	Pt. G. B. Pant High Altitude Zoo, Nainital Sloth bear 0:1
7.	Indira Gandhi Park Zoo, Rourkela Common palm civet 0:1 Four horned antelope 1:0	Nandankanan Zoological Park, Bhubaneswar 1. White peahen 0:1 2. Gharial 1:0 3. White ibis 1:1
8.	Rewalsar Zoo, Rewalsar (H.P.) Barking deer 3:3 Spotted deer 6:6 Ghoral 2:3 Black bear 1:1 Porcupine 1:1 Parakeet 1:1 Kaleej pheasant 2:2	M.C. Zoological Park, Chhatbir (Punjab) NIL
9.	Tutti Kandi Rescue Centre (H.P.) Leopard 3:3	M. C. Zoological Park, Chhatbir NIL
10.	Indira Gandhi Zoological Park, Vishakhapatnam Sloth bear 1:2	Bondla Zoo, Goa Gaur 1:1



11.	Assam State Zoo, Guwahati Clouded leopard 1:0	Sepahijala Zoological Park Clouded leopard 0:1
12.	Sri Chamarajendra Zoological Gardens Baboon 1:1 Black swan 0:1 Fallow deer 1:1 Gaur 1:0	M.C. Zoological Park, Chhatbir Chinkara 1:1 Goral 1:1 Shikra 1:1 Alexandrine parakeet 1:1 Redjungle fowl 1:1
13.	Sri Chamarajendra Zoological Gardens Gaur 1:1	Bhagwan Birsa Munda Biological Park Jungle cats 2:2 Stripped hyena 2:0 Rhesus macaque 1:1
14.	Sri Chamarajendra Zoological Gardens Asian elephant 1:1	Sakkarbaug Zoo Chinkara 1:1 Chausinga 1:1 Alexandrine parakeet 1:1 Domiscile crane 1:1 Spoon bill 1:1 Asiatic lion 1:1
15.	Sri Chamarajendra Zoological Gardens Pea fowl 2:2 Pea fowl(White) 2:2 Black buck 2:2 Papio hamadryas 1:1	Biological Park, Itanagar Leopard cat 1:1 Slow loris 1:1
16.	Thiruvananthapuram Zoo, Thiruvananthapuram Nil	National Zoological Park, Delhi White tiger 1:1
17.	Bannerghatta Biological Park, Bangalore Jackal 1:0	Jaipur Zoo Gharial 2:2
18.	Birsa Munda Biological Park, Ranchi Himalayan black bear 1:1 Jungle cat 1:1 Indian rock python 0:2 Rhesus macaque 2:2	Sh. Chamarajendra Zoological Park, Mysore Royal Bengal tiger 1:2 Hippo 1:1
19.	Indore Zoo, M.P. Crocodile 1:1	Aurangabad Zoo, Maharashtra White tiger 1:1





(b) Exchange of animals between Indian zoos and Foreign zoos

Sl. No.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
1.	Sri Chamarajendra Zoological Gardens Sloth bear 1:1	Singapore Zoo South African wild dog 3:1 Meerkat 1:1
2.	Sri Chamarajendra Zoological Gardens Indian elephant 0:2	Leipzig Zoo Hunting cheetah 2:3 Lama 1:1 Ostrich chicks 2:2 Bonnet wallaby 2:2
3.	Assam State Zoo, Guwahati Indian one-horned rhino 1:0	Zoological Park Organization, Thailand Clouded leopard 0:1 Binturong 1:2 Pigtailed macaque 0:1 Stump tailed macaque 0:2 Chimpanzee 1:2 Orangutan 1:1
4.	Madras Crocodile Bank Trust, Mammala puram Nil	Singapore Zoological Park, Singapore Red crowned roof turtle 1:0
5.	Madras Crocodile Bank Trust, Mammala puram Gharial 4:6	Zoological Society of San Diego, USA NIL
6.	Sri Chamarajendra Zoological Park, Mysore Sloth bears 1:1	Frankfurt Zoo, Germany Maned wolves 2:2
7.	Sri Chamarajendra Zoological Park, Mysore Black buck 2:3	Singapore Zoo, Singapore South African wild dog 2:1
8.	Madras Crocodile Bank Trust, Mammalapuram Nil	Kadoori Farm and Botanical Garden Corporation, Hong Kong Black pond turtle 8:4:9
9.	Sri Chamarajendra Zoological Park, Mysore NIL	Cologne Zoo, Germany Lion tailed macaque 18



Maintenance of Studbooks

A Studbook Cell has been established in the Wildlife Institute of India, Dehradun where the Institute will be preparing and updating the National Studbooks of all the wild animal species which have been taken up for Coordinated Planned Conservation Breeding in Indian zoos. The Wildlife Institute of India has already started working on the Project. It is expected that National Studbook of all the desired species as on 31st March, 08 will be published soon. The compiled data and the Studbooks under the programme will also be uploaded on the website of the Central Zoo Authority as well as of the Wildlife Institute of India.

Theme/ Planning in zoos

On initiative of the Central Zoo Authority, Ministry of Environment & Forests has issued an order (F.No.11-66/2004-FC dated 13.11.2007) that development and management of zoos in India shall be treated as forestry activity if the works are executed as per the master plan approved by the Central Zoo Authority. The provisions of the Forest Conservation Act will not be attracted in cases where the zoos are operating on the forest land. All the recognized zoos have been given time upto 31st March, 2009 for preparation and submission of master plans to the Central Zoo Authority for approval. The zoos have been asked to consider a proper theme, collection plan and other details while preparing the master plan. Guidelines as well as format for preparation of Master Plan has also been finalized and

circulated to all the recognized zoos.

Human Resource Development

Short term training programmes (three weeks) for zookeepers have been organized in zoos at Trivandrum, Chandigarh, Pune, Bhopal, Guwahati and Chennai during 2007-08. All together 153 zoo keepers from various zoos got training in these programmes.



Group Photo: Participants of International Conference on "India's Conservation Breeding Initiative" at New Delhi

Training programmes for *mahouts* have also been organized at Guwahati and Trivandrum during the year. 36 mahots from various zoos got training in these programmes. Two weeks training programme for middle level zoo personnel/ supervisors was organized at Ahmedabad in collaboration with Wildlife Institute of



Group Photo: Participants & Chief Guest of Zoo Keepers Training Programme at Pune





Participants in Middle Level Officers Training Programme at Ahmedabad



Indian Participants in Group photo of participants who participated in the Course "Endangered Species Recovery" at Durrell Wildlife Conservation Trust, U.K.

India and 22 middle level officers attended the training programme. The theme of the training was Education & Marketing of zoos. 16 Zoo Directors from Indian zoos participated in International Conference on Environmental Education organized by Centre for Environmental Education, Ahmedabad with the theme "Making Zoo Education Sustainable with special focus on Fund raising, Public relations and Marketing". Five Zoo Directors (on Regional basis) have also participated in the annual meeting of South Asian Zoos Association for Regional Cooperation (SAZARC) at Ahmedabad from 30th January to 3rd February, 2008. Five Biologists from Indian zoos also attended a conference

on amphibian conservation in Kerala during the year.

Two days training programme on conservation breeding was organized for for the Zoo Directors from all the major zoos at New Delhi on 21st &



Participants in Elephant Keepers (Mahout) Training Programme at Guwahati



Group photo: Hands on Training on Avian Influenza to the Veterinarians of Indian Zoos



Workshop photo on "Making Zoo Education Sustainable with the theme on Fund raising, Public relation and Marketing at Ahmedabad



22nd February 2008. The programme extended into an international conference on "India's Conservation Breeding Initiative" on 23rd and 24th February, 2008, where 100 (55 National + 45 International) zoo personnel from 18 countries took part. One Zoo Director and one zoo veterinarian attended three weeks training programme on conservation breeding at Durrell Wildlife Conservation Trust, Jersey (U.K). The Central Zoo Authority also organized two number hands on training programme at New Delhi and Chennai to deal with the avian influenza where 25 veterinarians from major Indian Zoos participated. The Member Secretary attended annual meeting of Conservation Breeding Specialist Group (CBSG) and World Association of Zoos & Aquarium (WAZA) at Budapest, Hungary during the month of August, 2007.

Research

The Central Zoo Authority has signed Memorandum of Understanding (MoU) with Indian Veterinary Research Institute, Bareilly for Rs. 31.33 lakhs to work on "Standardization of animal diet in Indian zoos". The study is of three years duration. The Authority has also approved Rs. 3.70 lakhs for Rajiv Gandhi Zoological Park, Pune to work on the "Guidelines for upkeep of reptiles in Zoological Parks" for two years. Tamil Nadu Veterinary and Animal Science University, Chennai has been provided Rs.3.70 lakhs to work on "Common foot ailments in

captive Asian elephants" under the small grant fellowship scheme for two years. Central Zoo Authority has also approved Rs. 3.86 lakhs for preparation of conservation breeding management plan for Clouded leopards to Sepahijala Zoological Park in Tripura for two years.

Improvement of zoos

The Sub-Committee on Zoo Designing had its meetings on 13/14 June, 2007 and again on 31st June, 2007. Master (lay out) Plans of Mahatama Gandhi Udyan Zoo, Solapur and Rajkot Municipal Zoo, Rajkot were approved. Designs for off-display conservation breeding centres for Cheer pheasant (Chail, H.P), Hume's Pheasant (Aizwal Zoo, Mizoram) and Blyth's Tragopan (Kohima Zoo, Nagaland) were also approved in addition to approval of designs of 7 number of animal enclosures submitted by different zoos. Newly formed Expert Group on Zoo Designs also had two sitting i.e. on 27.12.2007 and 13.02.2008 and recommended approval of Master (Lay out) Plan for VJB Udyan Zoo, Mumbai and Night Safari at Arignar Anna Zoological Park in addition to approval of designs of 24 animal enclosures.

The Technical Committee met thrice i.e. on 16.07.2007, 01.08.2007 and 18.2.2008 during the period of the report and approved financial grant worth Rs. 1111.77 lakhs for improvement of zoos during the year. Seven Rescue Centres dealing with Lions and Tigers rescued from the





circuses have been provided Rs. 352.97 lakhs for their maintenance including feed and medicines during the year. Details of the grants released to different zoos and other organizations during 2007-08 is given in **Annexure-VIa & VIb.**

Administrative Matters

The Administrative office of the Central Zoo Authority is presently housed at Annexe-VI, Bikaner House, Shahjahan Road, New Delhi. There are 15 regular/ contractual scientific/ administrative personnel in the establishment of the Central Zoo

Authority to assist the Member Secretary in discharge of his duties. The position in respect of the office establishment of the Central Zoo Authority and the names of the posts are as follows:

Financial Matters

During the financial year 2007-08, Central Zoo Authority received Rs.1700 lakhs as Grant-in-Aid from Ministry of Environment & Forests, Government of India. Out of this, Rs. 1527 lakhs was released as Grant-in-Aid to different recognized public sector zoos and other organizations during the year.

Sl. No.	Name of the post	Name of the incumbent	Pay-scale (Amount in Rs.)
1.	Member Secretary	Dr. B.R. Sharma	18400-500-22400
2.	Finance Officer	Shri P.C.S. Negi	8000-275-13500
3.	Evaluation and Monitoring Officer	Dr. Brij Kishor Gupta - (Outsourced)	Rs.26,000/-
4.	Scientific Officer	Dr. Naim Akhtar (Outsourced)	Rs.22,000/-
5.	Private Secretary	Mrs. Seema Burreja	6500-200-10500
6.	Accountant	Shri R.S. Rawat	5500-175-9000
7.	Data Processing Assistant	Shri Vivek Goel	5000-150-8000
8.	Personal Assistant	Mrs. Neeti Gulati	5000-150-8000
9.	Upper Division Clerk	Shri Suresh Sharma	4000-100-6000
10.	Lower Division Clerk	Shri Thakur Dass	3050-75-3950-80-4590
11.	Office Assistant	Ms. Madhu Bala - (Outsourced)	Rs.10,500/-
12.	Office Assistant	Mrs. Neeta Atal - (Outsourced)	Rs.10,000/-



13.	Staff Car Driver	Shri Hari Singh Bhandari	3050-75-3950-80-4590
14.	Office Peon	Shri P.K. Jha	2550-55-2660-60-3200
15.	Office Peon	Shri Gopal Swami	2550-55-2660-60-3200

Accounts of the Central Zoo Authority for the year 2007-08 have been compiled. The internal audit has been assigned to a chartered accountant firm and the final audit of the accounts of the Central Zoo Authority is conducted by the Scientific Department of C.A.G under Section 19(2) of C and AGs (Duties, Powers and Conditions of Service) Act, 1972 read with Section 38E(5) and (6) of the Wild Lie (Protection) Act, 1972. Copy of the Accounts for the year 2007-08 containing receipts and payments accounts, income and expenditure accounts and balance sheet a on 31st March,2008, with Schedules is placed at **Annexure-VII**.

Other Activities carried out during the year

The Central Zoo Authority has

decided to contribute Rs.1000\$ annually to the Conservation Breeding Specialist Group of Service Survival Commission of IUCN to become a member of its Conservation Council as Protector.

The Central Zoo Authority has also decided to sponsor joining of all the major Indian zoos to the ISIS/ZIMS for the XIth Five Year Plan Period.

On the initiation of the Central Zoo Authority, Ministry of Environment & Forests has agreed to the creation of a Centre for Zoo Science at New Delhi. Modalities of the same are being worked out.

A manual on barrier design and Indian Zoo Year Book, Vol.V has been published during the year.





List of zoos Evaluated during 01.04.2007 to 31.03.2008

S. No.	Name of the Zoo	Date of the evaluation	Name of the evaluators
1	Children's Corner Guindy National Park, Chennai	16.4.2007	Shri A. V. Joseph Dr. Naveen Kumar
2	Chennai Snake Park, Chennai	17.4.2007	Shri A. V. Joseph Dr. Naveen Kumar
3	VOC Park Zoo, Coimbatore	18.4.2007	Shri A. V. Joseph Dr. Naveen Kumar
4	Deer Park, Chittoor	18-19.5.2007	Dr. N. Krishnakumar
5	Deer Park, Kanderu, Mangalore	19.5.2007	Dr. N. Krishnakumar
6	Karnuna Society for Animals & Nature – Rescue Centre at Prahantililayam, Anantpur District	17-18.5.2007	Dr. N. Krishnakumar
7	Maharaja Shahji Chhatarpati Zoo, Kohlapur	5.6.2007	Dr. R. K. Sahu
8	Leopard Rescue Centre at Manikdoh	7.6.2007	Dr. R. K. Sahu
9	Deer Park, Udthagamandalam, Nilgiris	18.6.2007	Sh. R. Hemanth Kumar
10	India Project for Animals & Nature – IPAN at Mavanalla, The Nilgiris	18.6.2007	Sh. R. Hemanth Kumar
11	Kurumbapatti Zoo, Salem	17.6.2007	Sh. R. Hemanth Kumar
12	Shivganga Garden Mini Zoo, Thanjavur	20.6.2007	Sh. R. Hemanth Kumar
13	Amridhi Mini Zoo, Vellore	16.6.2007	Sh. R. Hemanth Kumar
14	Assam State Zoo, Guwahati, Assam	2.12.2007	Dr. B. R. Sharma
15	Kamla Nehru Zoological Garden, Ahmedabad	11.1.2008	Dr. B. R. Sharma



16	Bannerghatta Biological Park, Bangalore	1.9.2007 to 3.9.2007	Sh. S. K. Patnaik Dr. Rommel Mehta
17	Sepahijala Zoo, Sepahijala	1.12.2007 20.5.2007	Dr. B. R. Sharma Dr. Apoorva Chakrabarty
18	Indroda Nature Park, Gandhinagar	16.10.2007	Dr. Brij Kishor Gupta Dr. R. K. Sahu
19	Sayajibaug Zoo, Vadodara	12.1.2008	Dr. Brij Kishor Gupta
20	Dhauladhar Nature Park	28.11.2007	Dr. Kuldeep Kumar
21	Bhagwan Birsa Munda Biological Park	28-29.11.2007	Sh. S. K. Patnaik Dr. L. N. Acharjyo
22	State Museum & Zoo, Thrissur	12.12.2007	Dr. Brij Kishor Gupta
23	Calcutta Snake Park, Badu	20.8.2007	Sh. S. K. Patnaik Dr. L. N. Acharjyo
24	Aurangabad Municipal Zoo, Aurangabad	21.9.2007	Sh. A. V. Joseph Dr. Naveen Kumar
25	Lady Hydari Park & Animal Land, Shillong	2.12.2007	Dr. B. R. Sharma
26	Marble Palace Zoo, Kolkata	21.8.2007	Sh. S. K. Patnaik Dr. L. N. Acharjyo
27	Ramnabagan Mini Zoo, Burdwan	18.9.2007	Sh. S. K. Sinha
28	Kinnersani Deer Park, Paloncha	21.8.2007	Dr. A. K. Pattnaik
29	Deer Park, Kesoram Cement at Basanth Nagar at Karim Nagar Dist.	22.8.2007	Dr. A. K. Pattnaik
30	Visakha Society for Prevention of Cruelty to Animals - Rescue Centre	24.8.2007	Dr. A. K. Pattnaik
31	Sundervan Nature Discovery Centre, Ahmedabad	15.10.2007	Dr. Brij Kishor Gupta
32	Sarahan Pheantry, Sarahan	20.11.2007	Dr. Kuldeep Kumar
33	Renuka Zoo & Lion Safari	24.11.2007	Dr. Kuldeep Kumar
34	Mini Zoo at Gendekatte, Hassan	18.8.2007	Sh. P. C. Tyagi
35	Namadachilume Deer Park at Tumkur	17.8.2007	Sh. P. C. Tyagi





36	A.M. Gudi Mini Zoo, Balvana	17.8.2007	Sh. P. C. Tyagi
37	Indira Priyadarshini Sangrahalaya at Anagodu Devanagere	18.7.2007	Sh. P. C. Tyagi
38	Wildlife Rescue & Rehabilitation Center, Bannerghatta	2.9.2007	Prof. Rommel Mehta Sh. S. K. Patnaik
39	People for Animals and Wild Animal Rescue Centre, Bangalore	3.9.2007	Prof. Rommel Mehta Sh. S. K. Patnaik
40	Lion Safari at Neyyar Dam, Kerala	11.12.2007	Dr. Brij Kishor Gupta
41	Kumari Kangsabati Deer Park	20.9.2007	Sh. S. K. Sinha
42	Garh Chumuk Deer Park	17.9.2007	Sh. S. K. Sinha
43	People for Animal Shelter House, Wardha	28.3.2008	Sh. A. V. Joseph
44	West Bengal and Snake Park Laboratory at Badu	21.9.2007	Sh. S. K. Sinha
45.	Panchwati Deer Park, Pilani	31.8.2006	Dr. Brij Kishor Gupta
46.	Gandhi Zoological Park, Gwalior	26.3.2008	Dr. Brij Kishor Gupta



Annexure-II

List of zoos Recognized during 01.04.2007 to 31.03.2008

S. No.	Name of the Zoo
1	Indira Gandhi Zoological Park, Vishakhapatnam
2	Sri Venkateswara Zoological Park, Tirupati, Andhra Pradesh
3	Children's Corner, Guindy National Park, Chennai, Tamil Nadu
4	Chennai Snake Park, Chennai, Tamil Nadu
5	V.O.C Park Zoo, Coimbatore, Tamil Nadu
6	Deer Park, Chittoor District, Chittoor
7	Deer Park Kandaleru, Nellore District
8	Maharaja Shahji Chhatrapati Zoo, Kohlapur
9	Leopard Rescue Centre, Manikdoh, Junnar, Dist. Pune
10	Kurumbapatti Zoological Park, Dist. Salem
11	Shivganga Garden Mini Zoo, Thanjavur
12	Amridhi Mini Zoo, Vellore
13	Assam State Zoo, Guwahati, Assam
14	Kamla Nehru Zoological Garden, Ahmedabad, Gujarat
15	Bannerghatta Biological Park, Bangalore, Karnataka
16	Sepahijala Zoo, Agartala, Tripura
17	Indroda Nature Park, Gandhinagar
18	Sayajibaug Zoo, Vadodara
19	Dhauladhar Nature Park, Gopalpur
20	Bhagwan Birsa Munda Biological Park, Ormanjhi, Ranchi, Jharkhand
21	State Museum & Zoo, Thrissur
22	Calcutta Snake Park, Badu, West Bengal
23	Aurangabad Municipal Zoo, Aurangabad
24	Lady Hydari Park and Animal Land, Shillong
25	Marble Palace Zoo, Kolkata
26	Ramnabagan Mini Zoo, Burdwan





27	Kinnerasani Deer Park
28	Deer Park, Kesoram Cement at Basanth Nagar, Karim Nagar District
29	Rescue Centre of Visakha Society for Prevention of Cruelty to Animal, Visakhapatnam
30	Sundervan Nature Discovery Centre, Ahmedabad
31	Srahan Pheasantry
32	Renuka Zoo & Lion Safari
33	Mini Zoo at Gendekatte, Hassan
34	Namadachilume Deer Park at Tumkur
35	A. M. Gudi Mini Zoo, Balvana
36	Indira Priyadarshini Sangrahalaya at Anagodu Devanagere
37	Wildlife Rescue & Rehabilitation Centre, Bannerghatta
38	People for Animals Wild Animal Rescue Centre, Bangalore
39	Lion Safari at Neyyar Dam, Kerala
40	Kumari Kangsabati Deer Park, Bankura
41	Garh Chumuk Deer Park, Howrah
42	Nandan Van Mini Zoo, Raipur

List of zoos De-recognized during 01.04.2007 to 31.03.2008

S. No.	Name of the Zoo
1	Karuna Society of Animal and Nature (Rescue Centre) at Prasanthi Nilayan, P.O. Anantpur District, Andhra Pradesh
2	India Project for Animal and Nature, Mavanalla, The Nilgiris, Tamil Nadu



Annexure - III

List of Recognized zoos in the Country

S. No.	State Name	Type of Zoo	Establishment Name	City Name
1.	Andaman & Nicobar Islands	Small Zoo	Mini Zoo, Haddo	Port Blair
2.	Andhra Pradesh	Large Zoo	Indira Gandhi Zoological Park	Vishakhapatnam
3.			Nehru Zoological Park	Hyderabad
4.		Sri Venkateswara Zoological Park	Triupati	
5.		Mini Zoo	Deer Park - Satyam Technology Centre	Ranga Reddy
6.		Deer Park, Chittoor Reserve Forest	Chittoor East Division	
7.		Deer Park, Kandaleru	Kandaleru	
8.		Deer Park, Kesoram Cement	Basant Nagar	
9.		Deer Park, Nfcl Green Belt	Kakinada	
10.		G.v.k.industires Deer Park	Hyderabad	
11.		Himayat Sagar Mini Zoo	Ranga Reddy	
12.		Jawahar Lake Tourist Complex	Shamirpet	
13.		Kinnerasari Deer Park	Kinnerasari	
14.		Pillalamarri Deer Park	Pillalamarri Complex, Mahabub Nagar	
15.		Vanavigyan Kendra, Hunter Road, Hanamkonda,	Warangal	





16.		Rescue Center	Visakha Society For Prevention Of Curelty Of Animals	Vishkhapatnam
17.	Arunachal Pradesh	Small Zoo	Biological Park, Itanagar	Itanagar
18.		Mini Zoo	Miao Mini Zoo	Miao
19.			Mini Zoo, Roing	Roing
20.		Rescue Center	Centre For Bear Rehabilitation And Conservation	Pakke
21.	Assam	Large Zoo	Assam State Zoo Cum Botanical Garden	Guwahati
22.		Rescue Center	Centre For Wildlife Rehabilitation And Conservatio	Golaghat
23.		Circus	Moonlight Circus	Khelmati
24.			Rhino Circus	Lakhimpur
25.	Bihar	Large Zoo	Sanjay Gandhi Biological Park	Patna
26.	Chhattisgarh	Small Zoo	Maitri Baagh Zoo	Bhilai
27.		Mini Zoo	Kanan Pandari Zoo	Bilaspur
28.			Nandan Van	Raipur
29.	Dadra & Nagar Haveli	Mini Zoo	Lion Safari - Vasona	Vasona
30.	Delhi	Large Zoo	National Zoological Park	Delhi
31.		Circus	Gemini Circus,	Patparganj
32.	Goa	Small Zoo	Bondla Zoo	Usgao
33.	Gujarat	Large Zoo	Kamla Nehru Zoological Garden	Ahemadabad
34.			Sakkarbaug Zoo	Junagarh
35.		Medium Zoo	Indroda Nature Park	Gandhi Nagar
36.			Sayaji Baug Zoo	Vadodara
37.		Small Zoo	Dr. Shyamaprasad	Surat



38.			Mukharjee Zoological Garden, Sarthana	
39.		Mini Zoo	Rajkot Municipal Corporation Zoo	Rajkot
40.			Sir Peter Scott Nature Park	Jamnagar
41.			Sundervan Nature Discovery Centre	Jodhpur Tekra
42.	Haryana	Circus	Great Golden Circus	Ahmedabad
43.		Small Zoo	Rohtak Zoo	Rohtak
44.		Mini Zoo	Deer Park, Hissar	Hissar
45.			Mini Zoo, Bhiwani	Bhiwani
46.			Mini Zoo, Pipli	Pipli
47.		Rescue Center	Hanuman Vatika-rescue Centre	Gurgoan
48.			Rescue Centre At Meham	Near G.t.road, Meham
49.			Wildlife Rescue Centre	Gurgoan
50.	Himachal Pradesh		Vulture Conservation Breeding Center	Pinzore
51.		Small Zoo	Himalayan Nature Park (Kufri)	Kufri
52.		Mini Zoo	Dhauladhar Nature Park	Gopalpur
53.			Renuke Zoo / Lion Safari	Sirmur
54.			Pheasantry & Aviary & Musk Deer Farm	Sarahan
55.		Rescue Center	Rescue And Rehabilitation Home	Tutikandi
56.			Rescue And Rehabilitation Center, Manali	Manali
56.	Jharkhand	Medium Zoo	Bhagwan Birsa	Ranchi





			Biological Park	
57.		Small Zoo	Jawaharlal Nehru Biological Park	Bokaro
58.			Tata Steel Zoological Park	Jamshedpur
59.		Mini Zoo	Birsa Mrig Vihar	Kalimati
60.			Deer Park Maithon	Hazaribagh
61.			Satsang Zoo For Children Education	Satsang
62.	Karnataka	Large Zoo	Sri Chamarajendra Zoological Gardens	Mysore
63.		Medium Zoo	National Park, Bannerghatta Zoological Garden	Bannerghatta
64.			Dr. K.shivarma Karanth Pililkula Biological Park	Mangalore
65.		Small Zoo	Bellary Childrens Park-cum-zoo	Bellary
66.			Children Park & Zoo	Gadag
67.			Tiger & Lion Safari, Thyarekoppa, Shimoga	Shimoga
68.		Mini Zoo	Deer Park At Shri Kshetra Sogal	Soundattti
69.			Deer Park, N.m.d.c.ltd.	Bellary
70.			Indira Priyadarshini Sangrahalaya	Davangere Taluk
71.			Kittur Rani Cannamma Nisarg Dhama	Belgaum
72.			Mini Zoo A. M. Gudi Balvana	Chitradurga
73.			Mini Zoo At Gendekatte	Hassan
74.			Mini Zoo Cum Children Park	Gulbarga
75.			Namadachilume Deer Park	Tumkur



76.			Tungabhadra Dam Mini Zoo	Bellary
77.		Rescue Center	People For Animals	Bangalore
78.			Wildlife Rescue & Rehabilitation Centre	Bangalore
79.	Kerala	Large Zoo	Thiruvananthapuram Zoo	Thiruvananthapuram
80.		Medium Zoo	State Museum & Zoo	Thrissur
81.		Mini Zoo	Lion Safari Park At Nayar Dam	Thiruvananthapuram
82.			Parassinikkadavu Snake Park	Kanur
83.		Circus	Amar Circus	Calicut
84.			Great Bombay Circus	Tillicherry
85.			Great Rayman Circus	Cochin
86.			Jambo Circus	Varam
87.			Jamuna Circus	Raigarh
88.				Raj Kamal Circus
89.	Madhya Pradesh	Small Zoo	Gandhi Zoological Park	Gwalior
90.			Kamla Nehru Prani Sangrahalay Zoo	Indore
91.			Van Vihar National Park	Bhopal
92.	Maharashtra	Large Zoo	Veer mata Jijabai Biosale Udyan & Zoo	Mumbai
93.			Rajiv Gandhi Zoological Park And Wildlife Research Center	Pune
94.		Small Zoo	Aurangabad Municipal Zoo	Aurangabad
95.			Mahatma Gandhi Rastriya Udyan Zoo	Solapur





96.			Nisargakavi Bahinabai Choudhary Pranisanghalay	Pune
97.		Mini Zoo	Maharaja Shahaji Chhatrapati Zoo	Kolhapur
98.			Maharajbag Zoo	Nagpur
99.			Sanjay Gandhi National Park	Borivali
100.			Snake Park, Shikshan Mandal	Kolhapur
101.		Rescue Center	Amtes Animal, Ark	Wardha
102.			Leopard Rescue Centre	Manikdoh
103.			Rani Bag Infirmary	Buldana
104.		Circus	Rambo Circus	Pune
105.			The Great Royal Circus	Namadic
106.	Manipur	Medium Zoo	Manipur Zoological Garden	Imphal
107.	Meghalaya	Small Zoo	Lady Hydari Park, Animal Land	Shilong
108.		Mini Zoo	Nehru Park Zoo, Danakgre, Tura	Akhongini
109.	Mizoram	Small Zoo	Aizawl Zoo	Aizwal
110.		Mini Zoo	Deer Park, Thenzawl	Thenzawl
111.	Nagaland	Mini Zoo	Nagaland Zoological Park, Rangapahar	Dimapur
112.			Zoological Park, Kohima	Kohima
113.	Orissa	Large Zoo	Nandankanan Biological Park	Bhubneshwar
114.		Small Zoo	Indira Gandhi Park Zoo & Deer Park	Rourkela
115.		Mini Zoo	Gharial Research & Conservation Unit	Tikarpara
116.			H.A.I. Deer Park, Koraput	Sunabeda
117.			Kapilash Zoo	Dhenkanal



118.			Kuanria Deer Park Nayagarh Forest Division	Nayagarh
119.			Taptapani Deer Park	Parlakhemundi
120.			Wild Animal Conservation Center, Motijharan	Sambalpur
121.	Punjab	Large Zoo	Mahendra Chaudhury Zoological Park	Chhatbir
122.		Small Zoo	Deer Park, Bir Moti Bagh	Patiala
123.		Mini Zoo	Deer Park, Bir Talab	Bhatinda
124.			Deer Park, Neelon	Ludhiana
125.			Ludhiana Zoo	Ludhiana
126.	Rajasthan	Large Zoo	Jaipur Zoo	Jaipur
127.		Small Zoo	Jodhpur Zoo	Jodhpur
128.			Udaipur Zoo	Udaipur
129.		Mini Zoo	Deer Park, Shri Goverdhan Trust	Udaipur
130.			Kota Zoo	Kota
131.			Panchwati Deer Park	Pilani
132.			Safari Park, Haridasji- Ki-magri	Udaipur
133.	Sikkim	Mini Zoo	Himalayan Zoological Park, Bulbuley	Gangtok
134.	Tamil Nadu	Large Zoo	Arignar Anna Zoological Park	Vandalur
135.			Madras Crocodile Bank Trust/Centre For Herpetology	Mahabalipuram
136.		Medium Zoo	Chennai Snake Park Trust	Guindy
137.			Childrens Corner	Guindy
138.		Small Zoo	Amirdhi Zoo	Vellore
139.			V.O.C. Park Mini Zoo	Coimbatore





140.		Mini Zoo	Deer Park, Udhagai, Nilgiris	Nilgiris District	
141.			Kurumbapatti Zoological Park	Salem	
142.			Shivganga Garden Mini Zoo	Thanjavur	
143.	Tripura	Large Zoo	Sepahijala Zoological Park	Sepahijala	
144.	Uttar Pradesh	Large Zoo	Kanpur Zoological Park	Kanpur	
145.			Lucknow Zoological Park	Lucknow	
146.		Mini Zoo	Deer Park At Bareilly	Bareilly	
147.			Nawabganj Deer Park	Unnao	
148.			Sarnath Deer Park	Varanasi	
149.			Van Prani Udyan, I.V.R.I.	Izatnagar	
150.			Vinod Van Mini Zoo, Ramgarh	Gorakhpur	
151.			Rescue Center	Wildlife Sos Agra Bear Rescue Facility	Agra
152.			Circus	Apollo Circus	Varanasi
153.				Great Apollo Circus	Hamirpur
154.			Rajmahal Circus	Hamirpur	
155.	Uttarakhand	Small Zoo	Pt. Govind Ballabh Pant High Altitude Zoo	Nainital	
156.		Mini Zoo	Deer Park, Narain Tewari Dewal	Almora	
157.			Malsi Deer Park	Dehradun	
158.	West Bengal	Large Zoo	Alipore Zoological Garden	Kolkata	
159.		Medium Zoo	Calcutta Snake Park	Badu	
160.		Small Zoo	Jhargram Deer Park	Jhargram	
161.			Marble Palace Zoo	Kolkata	
162.			Padmaja Naidu	Darjeeling	



163.		Himalayan Zoological Park	
164.	Mini Zoo	Ramnabagan Wild Life Sanctuary- Mini Zoo, Burdwan	Kolkata
165.		Adina Deer Park	Malda
166.		Gar Chumuk (Ulughata) Deer Park	Howrah
167.		Kumari Kangsabuti Deer Park, Bonpakuria	Bonpakuria, Bankura
168.		West Bengal Snake Park & Laboratory, Badu	Badu
169.		Kunjanagar Eco-park	Jalpaiguri
170.		South Khairbari Leopard Safari And Rehabilitation Centre	Madarihat
171.		Gharial Rescue Centre And Deer Park, Rasikbill	Kolkata
172.	Rescue Center	Animal Rescue Centre, Purulia	Purulia
173.	Circus	Pugmarks - PFA Sanitiktetan Rescue Centre	Kolkata
174.		Ajanta Circus	Kolkata
175.		Asiad Circus	Kolkata
176.		Empire Circus	Kolkata
177.		Famous Circus	Kolkata
178.		Kohinoor Circus	Kolkata
179.		Natraj Circus	Kolkata
180.		Olympic Circus	Kolkata
		Weston Circus	Elliot





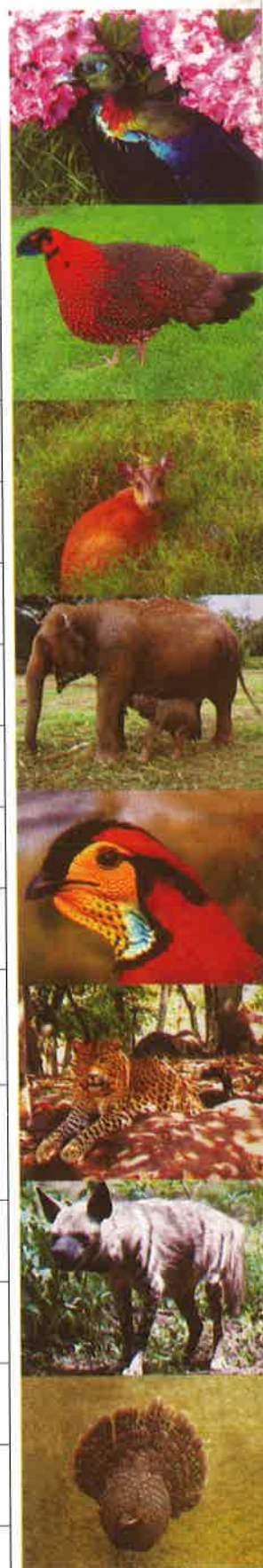
Annexure- IV

List of the identified endangered wild animal species taken up for the planned coordinated Conservation Breeding giving details of the coordinating Zoos, participating Zoos and the number of animals of the species in captivity in India

Sl. No.	Name of the Species	Name of the coordinating Zoo	Names of the participating Zoos	Number of animals of the species in captivity
1.	Asiatic lion (<i>Panthera leo</i>)	Junagarh	Hyderabad, Bhopal, New Delhi, Rajkot	80
2.	Bengal tiger (<i>Panthera tigris</i>)	Bhopal	New Delhi Hyderabad, Bhubaneswar, Chhatbir, Chennai	255
3.	Snow leopard (<i>Panthera uncia</i>)	Darjeeling	Leh, Kufri, Nainital, Gangtok	18
4.	Clouded leopard (<i>Panthera nebulosa</i>)	Sepahijala	Guwahati	14
5.	Asiatic cheetah (<i>Acinonyx jubatus venaticus</i>)	Junagarh	—	—
6.	Golden cat (<i>Catopuma temmincki</i>)	Guwahati		3
7.	Tibetan wolf (<i>Canis lupus</i>)	Darjeeling	Gangtok, Nainital, Kufri	21
8.	Grey wolf	Junagarh		
9.	Wild dog (<i>Cuon alpinus</i>)	Visakhapatnam	Chennai	30
10.	Brown bear (<i>Ursus arctos</i>)	Kufri	Leh	2
11.	Sun bear (<i>Helarctos malayanus</i>)	Aizawl	Guwahati	2
12.	Red panda (<i>Ailurus fulgens</i>)	Darjeeling	Gangtok, Yachuli	18



13.	Binturong (<i>Arctictis binturong</i>)	Sepahijala	Guwahati, Aizawl	13
14.	Smooth coated otter	Ahmedabad		
15.	Malabar giant squirrel (<i>Ratufa indica</i>)	Pilikula	Chennai, Pune	
16.	Pangolin (<i>Manis crassicaudata</i>)	Bhubaneswar	—	8
17.	Lion tailed monkey (<i>Macaca silenus</i>)	Chennai	Mysore, Trivandrum	60
18.	Pig-tailed monkey (<i>Macaca nemestrina</i>)	Sepahijala	Guwahati	18
19.	Stump tailed monkey (<i>Macaca radiata</i>)	Aizawl	Guwahati	51
20.	Phayre's leaf monkey (<i>Trachypithecus phayrei</i>)	Sepahijala	—	14
21.	Crab eating monkey (<i>Macaca fascicularis</i>)	Chidiyatapu (Port Blair)	—	12
22.	Nilgiri langur (<i>Semnopithecus johnii</i>)	Chennai	Mysore	27
23.	Golden langur (<i>Trachypithecus geei</i>)	Guwahati	Island near Guwahati	14
24.	Capped langur (<i>Trachypithecus pileatus</i>)	Rangapahar	—	6
25.	Hoolock gibbon (<i>Hoolock leuconedys</i>),	Itanagar	Aizawl, Guwahati, Sepahijala	11
26.	Rhinoceros (<i>Rhinoceros unicornis</i>)	Guwahati	Patna, New Delhi, Kanpur	36
27.	Indian bison (<i>Bos gaurus</i>)	Mysore	Chennai, Bondla	37
28.	Wild ass (<i>Equus hemionus khur</i>)	Junagarh	—	11
29.	Himalayan tahr (<i>Hemitragus jemlahicus</i>)	Gangtok	Darjeeling, Kufri, Chopta	3
30.	Nilgiri tahr (<i>Nilgiritragus hylocrius</i>)	Ooty	—	1
31.	Markhor (<i>Capra falconeri</i>)	Pehalgaon	—	-





32.	Blue sheep (<i>Pseudois nayaur</i>)	Gangtok	Darjeeling	-
33.	Serow (<i>Nemorhaedus sumatraensis</i>)	Guwahati	Manipur	6
34.	Swamp deer (<i>Cervus duvauceli</i>)	Kanpur	Jaldapara WLS	115
35.	Thamin deer (<i>Cervus eldii</i>)	Manipur	Guwahati, Kolkata, New Delhi	177
36.	Mouse deer (<i>Tragulus meminna</i>)	Hyderabad	Bhubaneswar	13
37.	Musk deer (<i>Moschus chrysogaster</i>)	Chopta	Gulmarg, Gangtok, Kufri	11
38.	Hangul (<i>Cervus elaphus hanglu</i>)	Shikargah	—	1
39.	Chiru (<i>Pantholops hodgsonii</i>)	Leh	—	2
40.	Pygmy hog (<i>Sus salvanius</i>)	Basistha	Guwahati	112
41.	Himalayan monal (<i>Lophophorus impejanus</i>)	Manali	Darjeeling, Gangtok	23
42.	Blood pheasant (<i>Ithaginis cruentus</i>)	Gangtok	Darjeeling	—
43.	Cheer pheasant (<i>Catreus wallichi</i>)	Chail	Almora	48
44.	Hume's pheasant (<i>Syrmaticus humiae humiae</i>)	Aizawl	—	4
45.	Grey Peacock pheasant (<i>Polyplectron bicalcaratum</i>)	Guwahati	Kolkata, Darjeeling	60
46.	Sclater's (mishmi) monal (<i>Lophophorus sclateri sclateri</i>)	Yachuli	—	—
47.	Tibetan eared pheasant (<i>Crossoptilon harmani</i>)	Yachuli	—	—
48.	Temminck tragopan (<i>Tragopan temminckii</i>)	Yachuli	—	—



49.	Blyth's tragopan (<i>Tragopan blythii</i>)	Kohima	—	12
50.	Western tragopan (<i>Tragopan melanocephalus</i>)	Sarahan	—	8
51.	Styr tragopan (<i>Tragopan satyra</i>)	Darjeeling	Gangtok	2
52.	Grey jungle fowl (<i>Gallus sonnerati</i>)	Tirupati	—	33
53.	Red jungle fowl (<i>Gallus gallus gallus</i>)	Morni	Chail, New Delhi, Aizawl	209
54.	Malabar grey hornbill (<i>Ocyrceros griseus</i>)	Kodanadu (Kerala)	Hyderabad	
55.	Malabar pied hornbill (<i>Anthracoceros coronatus</i>)	Kodanadu (Kerala)	Hyderabad	
56.	Vultures (White backed Vulture, Himalayan Griffon Vulture, etc.)	Pinjore Guwahati	Hyderabad, Bhopal, Junagarh, Bhubaneswar, Rajabhatkhawa,	93
57.	Falcons (Eagles, Hobbies, Kestral, Harrier, accipiter, etc.	Chhatbir	Jaipur	3
58.	Bustards (Great Indian bustard, Lesser florican, Bengal florican, Hubara bustard)	—	—	1
59.	Nicobar pigeon (<i>Caloenas nicobarica</i>)	Chidiyatapu, Port Blair	Ahmedabad, Kolkata	42
60.	King cobra (<i>Ophiophagus Hannah</i>)	Pilikula	Bangalore, Mammalapuram	35
61.	Water monitor (<i>Varanus salvator</i>)	Chidiyatapu, Port Blair	Mammalapuram	40
62.	Painted roof turtle (<i>Kachuga kachuga</i>)	Kukrail	Mammalapuram	2
63.	Himalayan salamander (<i>Tyletrotiton verrucosus</i>)	Darjeeling	—	





Births of Endangered Species

Species Name	State Name	Zoo Name	Location	Animal Name	Male	Female	Un-sex	Total
Bird	Andhra Pradesh	G.V.K. Industries	Hyderabad Deer Park	Peafowl	0	0	1	1
		Nehru Zoological Park	Hyderabad	Pheasant Peafowl	5	5	0	10
				Kalij	2	0	0	2
		Sri Venkateswara Zoological Park	Tirupati	Peafowl	0	0	16	16
		Vanavigyan Kendra, Hunter Road, Hanamkonda,	Warangal	Peafowl	4	2	0	6
	Gujarat	Indroda Nature Park	Gandhi Nagar	Peafowl	0	2	0	2
		Kamla Nehru Zoological Garden	Ahmedabad	Peafowl	0	0	8	8
		Sayaji Baug Zoo	Vadodara	Indian Hornbill	1	0	0	1
				Monal / Impeyan Pheasant	1	0	0	1
	Himachal Pradesh	Pheasantry at Chail	Solan	Cheer Pheasant	0	0	3	3
		Pheasantry & Aviary & Musk Deer Farm	Sarahan	Western Tragopan	6	3	0	9
	Jharkhand	Jawaharlal Nehru Biological Park	Bokaro	Peafowl	1	0	0	1



		Tata Steel Zoological Park	Jamshedpur	Peafowl	0	0	2	2
Karnataka		Sri Chama-Rajendra Zoological Gardens	Mysore	Kalij Pheasant	0	0	3	3
Mizoram		Aizawl Zoo	Aizwal	Humes Pheasant	1	1	0	2
Orissa		Indira Gandhi Park Zoo & Deer Park	Rourkela	Peafowl	1	1	0	2
		Nandankanan Biological Park	Bhuba-Neshwar	Peafowl	0	0	1	1
				White Peafowl	0	0	1	1
Punjab		Deer Park, Bir Talab	Bhatinda	Peafowl	1	1	0	2
		Mahendra Chaudhury Zoological Park	Chhatbir, Chandigarh	Kalij Pheasant	0	0	3	3
Rajasthan		Jaipur Zoo	Jaipur	Peafowl	2	2	0	4
Tamil Nadu		VOC Park Mini Zoo	Coimbatore	Peafowl	0	0	2	2
Tripura		Sepahijala Zoological Park	Sepahijala	Indian pied Hornbill	0	0	1	1
Uttar Pradesh		Kanpur Zoological Park	Kanpur	Kalij Pheasant	0	0	6	6
	Lucknow	Zoological Park	Lucknow	Kalij Pheasant	0	0	2	2
West Bengal		Alipore Zoological Garden	Kolkata	Peafowl	0	0	10	10





		Padmaja Naidu Himalayan Zoological Park	Darjeeling	Kalij Pheasant	2	1	0	3
				Pheasant Grey Peacock	0	0	2	2
Bird Total					27	18	61	106
Mammal	Andhra Pradesh	Nehru Zoological Park	Hyderabad	Bear Sloth	2	0	0	2
				Deer Mouse	1	2	0	3
				Deer Swamp (Barasingha)	0	2	0	2
				Lion (Asiatic) Brow antlered	3	1	0	4
				Deer (Sangai)	1	0	0	1



Annexure - VIa

Details of the Grants released to the different zoos and related organization during 2007-08

AMOUNT (In Rupees)

2007-2008

Aizawl Zoo, Aizwal

1	Const of Stumped Tailed Macaque Encls	3000000 ✓
2	Binturong encls.	2000000 ✓
3	setting up of conservation breeding centre	5250000 ✓
4	Improvement To The Research & Devp. Division	60000 ✓

Total: 10310000 ✓

Alipore Zoological Garden, Kolkata

5	Improvement To The Research & Devp. Division	142500
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Total: 142500 ✓

Arignar Anna Zoological Park. Vandalur, Chennai

6	Environment Improvement	1313000
7	Construction of Compound wall	1750000
8	Const. Of Sign Board	200000
9	Improvement of Vetey. Facilities	1425000
10	Const of Toilets	800000
11	Providing signages in animal enclosure	430000
12	Water,Power Supply	1000000
13	Augmentation of Water Supply	840000
14	Cost of feed & Supplement for the rescued animals	5801000
15	Relaying roads & Footh path	2794000

Total: 16353000 ✓

Assam State Zoo Cum Botanical Garden, Guwahati

16	Const of aquatic Bird encls	5000000
17	Providing signages in animal enclosure	219000

Total: 5219000 ✓





Details of the Grants released to the different zoos and related organization during 2007-08

Bhagwan Birsa Biological Park, Ranchi

AMOUNT

18	Transport Charges of Animals	163000
19	Equipments, Incubator, Brooders, Tags, Freezers.	501900
20	Chain Link partition for sanghai & Pelican Encls.	300000
21	Signage at animal enclosures	100000
Total:		1064900

Chennai Snake Park Trust Guindy, Chennai

22	Construction of Reptile house	288000
Total:		288000

Deer Park - Kukrail, Kukrail

23	Endagered Species	394000
Total:		394000

Deer Park, Thenzawl, Thenzawl

24	Boundary Wall Fencing	739000
Total:		739000

Indira Gandhi Zoological Park, Visakhapatnam

25	Improvement To The Research & Devp. Division	60000
26	Rennovation of Monkey encls	470000
27	Const for add. Facility	3000000
28	Annual maintaince of Rescue Centre	2800000
Total:		6330000

Jodhpur Zoo, Jodhpur

29	preparation of master plan	50000
Total:		50000

Kamla Nehru Prani Sanghralaya Zoo, Indore

30	Crocodile Gharial enclosure	1510000
31	Construction of Jackal Enclosure	4380000
32	Const of Crocodile Pond	1510000
Total:		7400000



Annexure - Via

Details of the Grants released to the different zoos and related organization during 2007-08

	AMOUNT
--	--------

Kamla Nehru Zoological Garden, Ahmedabad

33	Veterinary Health care	92761
34	Providing signages in animal enclosure	4170000
Total:		4262761

Mahendra Chaudhury Zoological Park, Chhatbir, Chandigarh

35	Const & Repair Of boundry Wall.	851000
36	Construction of Reptile house	1735000
Total:		2586000

Manipur Zoological Garden, Imphal

37	Veterinary Care including cost of medicine	425000
Total:		425000

Nagaland Zoological Park, Rangapahar, Dimapur

38	Renovation of Pipe Line	2850500
39	Construction for Deers Enclosure	806000
40	const of Karal at Himalayan black Bear Encls.	2967000
41	Const of perimeter wall	2282500
Total:		8906000

Nahargarh Biological Park, Jaipur

42	Annual maintaince of Rescue Centre	500000
43	Health care (Medicines+Medical Equipment)	400000
44	Out Sourcing of veterinarian & Support staff	60000
45	Out Sourcing of supporting staff	576000
46	Other Misc.Expenses	192000
47	Cost of feed & Supplement for the rescued animals	965000
48	Cost of feed article to animals	4133000
Total:		6826000

Nandankanan Biological Park, Bhubaneshwar

49	setting up of conservation breeding centre	4100000
----	--	---------





Details of the Grants released to the different zoos and related organization during 2007-08

AMOUNT

50	Encls Enrichment	500000
51	Breeding Centre for serrow	1000000

Total: 5600000 ✓

National Park, Bannerghatta Zoological, Bangalore

52	Procurement of Veterinary Equipment	310000
53	Feed Upkeep of lions,tiger & Bears	8486000
54	Health care & Medicines	300000
55	Out Sourcing of vet.care	144000
56	Miscellaneous expenses-Annual Maintenance of rescue centre	400000
57	Maintenance of the Rescue centre	50000
58	wages of Veterinarian animal keepers,watchman	920000
59	Construction of Roads and other development	100000

Total: 10710000 ✓

National Zoological Park, Delhi

60	Const of Damaged Boundary Wall	8066000
61	Replacing of Chain link Fencing with Masonary Boundary wall In Cat section	1458000
62	Feed Storage&Vechile	650000
63	Const & Repair Of boundry Wall.	1493400
64	Improvement of Food Distribution and Purchase of Utersils	550000
65	preparation of master plan	480000
66	Construction Of Enclosures	6161600
67	Other Misc. Exp	94000

Total: 18953000 ✓

Nehru Zoological Park, Hyderabad

68	setting up of conservation breeding centre	4100000
69	Improvement of Animal Enclosure	1500000
70	Tranquilizing equipment and medicines	100000



Annexure - VIa

Details of the Grants released to the different zoos and related organization during 2007-08

		AMOUNT
Total:		5700000 ✓
Rajiv Gandhi Zoological Park And Wildlife, Pune		
71	Improvement To The Research & Devp. Division	185000 ✓
72	Construction Of Enclosures	4877000 ✓
Total:		5062000 ✓
Sakkarbaug Zoo, Junagarh		
73	setting up of conservation breeding centre	2100000 ✓
Total:		2100000 ✓
Sanjay Gandhi National Park, Borivali		
74	Feeding Cost Of Rescued Animals	2262000 ✓
Total:		2262000 ✓
Sayaji Baug Zoo, Vadodara		
75	Water Supply in animal encls	3020000 ✓
Total:		3020000 ✓
South Khairbari Leopard Safari And, Madarihat		
76	Const of Rescue Centre	2623000 ✓
77	Feeding of Rescued Animal	3320000 ✓
Total:		5943000 ✓
Sri Chamarajendra Zoological Gardens, Mysore		
78	Const of Night Feeding Shelterfor AfricanElephant.	1545000 ✓
Total:		1545000 ✓
Sri Venkateswara Zoological Park, Tirupati		
79	Cost of feed article to animals	2400000 ✓
80	Other Encls.	515000 ✓
81	Cost of feed article to animals	2490000 ✓
Total:		5405000 ✓
Van Vihar National Park, Bhopal		
82	Feeding Of Lions& Tigers	900000 ✓





Annexure - Via

Details of the Grants released to the different zoos and related organization during 2007-08

AMOUNT

83	Annual maintainance of Rescue Centre	126000
84	setting up of conservation breeding centre	2000000
85	Health care (Medicines+Medical Equipment)	56000
86	Water,Power Supply	304000
87	Other Misc.Expenses	175000
88	Providing signages in animal enclosure	826000
89	Cost of feed article to animals	800000
90	Installation of water treatment plant	282000
91	Providing signages in animal enclosure	850000
92	Construction of Tiger Enclosure	630000
93	setting up of conservation breeding centre	2100000

Total: 9049000

Grand Total: 146645161





Annexure VIb

Name of the Organization	Activity	Amount (Rs. In lakhs)
Grant released to Indian Zoo		1466.45
Centre for Environmental Education, Ahmedabad, Gujarat	Zoo Education Master Planning	8.64
Indian Veterinary Research Institute, Izatnagar, Bareilly	National Referral Centre	30.36
Indian Veterinary Research Institute, Izatnagar, Bareilly	Standardization of animal diet	16.00
Indian Zoo Directors Association	Hospitality to the participants of International Workshop on Conservation Breeding	3.50
Tamil Nadu Agricultural and Veterinary University, Chennai	Common foot ailments in Asian elephant	2.25
	Total	1527.20





FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**

BALANCE SHEET AS AT 31.3.2008

(Amount In Rupees)

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	Current Year	Previous Year
Corpus/Capital Fund	1	3,120,921	2,406,744
Reserves and Surplus	2	Nil	Nil
Earmarked/Endowment Funds	3	Nil	Nil
Secured Loans and Borrowings	4	Nil	Nil
Unsecured Loans and Borrowings	5	Nil	Nil
Deferred Credit Liabilities	6	Nil	Nil
Current Liabilities and Provisions	7	454,203	3,283,738
TOTAL		3,575,124	5,690,482
ASSETS			
Fixed Assets	8	1,785,289	1,557,237
Investments- From Earmarked/ Endowment Funds	9	Nil	Nil
Investments-Others	10	Nil	Nil
Current Assets, Loans, advances Etc.	11	1,789,835	4,133,245
Miscellaneous Expenditure(to the extent not written off or adjusted)		Nil	Nil
TOTAL		3,575,124	5,690,482
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2008
SCHEDULE 1 - CORPUS/CAPITAL FUND

	Current Year	Previous Year
SCHEDULE 1 - CORPUS/CAPITAL FUND:		
Balance as at the beginning of the year	2,406,744	23,11,908
Add: Contributions towards Corpus/CZA Fund	Nil	Nil
Add: Balance of net income		
Transferred from the Income and Expenditure Account	714,177	94,836
Deduct: Balance of net expenditure	Nil	Nil
Transferred from the Income and Expenditure Account		
BALANCE AS AT THE YEAR - END	3,120,921	2,406,744





FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2008
SCHEDULE 7 - CURRENT LIABILITIES AND PROVISIONS

	Current Year	Previous Year
A.. CURRENT LIABILITIES		
1. Acceptances	Nil	Nil
2. Sundry Creditors:		
a) For Good	Nil	Nil
b) Others	Nil	Nil
3. Advances Received	Nil	Nil
4. Interest accrued but not due on:		
a) Secured Loans/borrowings	Nil	Nil
b) Unsecured Loans / Borrowings	Nil	Nil
5. Other current Liabilities		
(i) Gr.-In-Aid refundable to Ministry	Nil	Nil
(ii) Unspent grants-in-aid refundable to Ministry	Nil	2,884,068
(iii) Security refundable	20000	
TOTAL (A)	20,000	2,884,068
B. PROVISIONS		
1. For Taxation	Nil	Nil
2. Gratuity	Nil	Nil
3. Superannuation/Pension	Nil	Nil
(i) Contribution to superannuation scheme	Nil	95,125
4. Accumulated Leave Encashment	Nil	Nil
5. Trade Warranties/Claims	Nil	Nil
6. Others (Specify)		
Telephone Charges Payable	17,260	14,748
Leave salary & Pension Contribution	416,943	272,961
Audit Fees Payable	Nil	16,836
TOTAL (B)	434,203	399,670
TOTAL (A+B)	454,203	3,283,738

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
Name of Entity CENTRAL ZOO AUTHORITY

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2008

SCHEDULE 8 - OTHER INCOME

Amounts in Rs.

DES- CRPTION	GROSS BLOCK		DEPRECIATION		NET BLOCK		Total Up to the year-end year (i)	As at the of Current (h)	As at the end of Previous (d-f-g)			
	Cost/value at the beginning of the year (a)	Additions during of the year (b)		Deductions during the year (c)	Cost/value at the year (d)	Depre- cation the year (e)				On assets beginning end (f)	On additions during the Rate % (g)	On Deductions of the year (h)
		04/07- 10/07-	09/07 03/08									
Vehicle	171,877	-	-	-	171,877	15%	25,782	-	-	25,782	146,095	171,877
Furniture.	699,091	24,773	634,033	81,781	1,276,116	10%	69,909	2,477	31,702	112,266	1,163,850	699,091
Fixtures	391,428	-	-	-	391,428	15%	58,714	-	-	58,714	332,714	391,428
equipment	261,671	42,000	-	-	303,671	60%	157,003	25,200	-	182,203	121,468	261,671
Computer	33,170	190,956	42,324	-	266,450	100%	33,170	190,956	21,162	245,288	21,162	33,170
Library												
Books												
TOTAL	1,557,237	257,729	676,357	81,781	2,409,542		344,577	218,633	52,864	624,253	1,785,289,	1,502,551
FOR												
THE												
CURRENT												
YEAR												
PREVIOUS	1,502,551		627,905	83,852	2046604		252,571		864,701	502,578	1,557,237,	1,502,551
YEAR												





FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2008

SCHEDULE 11 -CURRENT ASSETS, LOANS, ADVANCES ETC.

(Amount in Rs.)

A. CURRENT ASSETS:	Current Year	Previous Year
1. Inventories:		
a) Stores and Spares	Nil	Nil
b) Loose Tools	Nil	Nil
c) Stock-in-trade	Nil	Nil
Finished Goods	Nil	Nil
Work-in-progress	Nil	Nil
Raw Materials	Nil	Nil
2. Sundry Debtors:		
a) Debts Outstanding for a period exceeding 6 months	Nil	Nil
b) Others	Nil	Nil
3. Cash balances in hand (including cheques/ drafts and imprest)		
Cash- In - Hand	Nil	Nil
Imprest	15,000	15,000
4. Bank Balances:		
a) With Scheduled Banks:		
- On Current Accounts	1,387,535	3,968,945
- On Deposit Accounts (includes margin money)	Nil	Nil
- On Savings Accounts	Nil	Nil
b) With non-Schedules Banks:		
-On Current Accounts	Nil	Nil
- On Deposit Accounts	Nil	Nil
- On Savings Accounts	Nil	Nil
5. Post Office-Savings Accounts	Nil	Nil
TOTAL (A)	1,402,535	3,983,945



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2008
SCHEDULE 11 - CURRENT ASSETS, LOANS, ADVANCES ETC. (Contd.)
(Amount in Rs.)

B. LOANS, ADVANCES AND OTHER ASSETS:	Current Year	Previous Year
1. Loans:		
a) Staff	129,300	141,301
b) Other Entities engaged in activities/ objectives similar to that of the Entity	Nil	Nil
c) Other (specify)	Nil	Nil
2. Advances and other amounts recoverable in cash or for value to be received		
a) On Capital Account	Nil	Nil
b) Prepayments		
Expenses Reimbursable by M/O External Affairs	Nil	Nil
Advance Payment to CPWD/supplier	250000	Nil
c) Others		
Petrol Account	5,000	5,000
Telephone Account	3,000	3,000
3. Income Accrued:		
a) On Investments from Earmarked/ Endowment funds	Nil	Nil
b) On Investments- Others	Nil	Nil
c) On Loans and Advances	Nil	Nil
d) Others (includes income due unrealized - Rs.....)	Nil	Nil
4. Claims Receivable	Nil	Nil
TOTAL (B)	387,300	149,300
TOTAL (A + B)	1,789,835	4,133,245





FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2008
SCHEDULE 13 - GRANTS/SUBSIDIES

(Irrevocable Grants & Subsidies Received)	Current Year	Previous Year
1. Central Government	170,000,000	20,63,00,000
2. State Government(s)	Nil	Nil
3. Government Agencies	Nil	Nil
4. Institutions/Welfare Bodies	Nil	Nil
5. International Organisations	Nil	Nil
6. Others (Specify)	Nil	Nil
Total	170,000,000	20,63,00,000
Unspent balance of last year	4689068	23,50,000
TOTAL	174,689,068	20,86,50,000





FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.03.2007
SCHEDULE 14 - FEES/SUBSCRIPTIONS

	Current Year	Previous Year
1. Entrance Fees	Nil	Nil
2. Annual Fees/Subscriptions	Nil	Nil
3. Seminar/Program fees	Nil	Nil
4. Consultancy Fees	Nil	Nil
5. Others (Specify)	Nil	Nil
Received from Zoos with application for Recognition/ Renewal	14,900	10,300
TOTAL	14,900	10,300





FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.03.2008
SCHEDULE 18 - OTHER INCOME

	Current Year	Previous Year
1. Profit on Sale/disp		
Nil	Nil	
b) Assets acquired out of grants, or received free of cost	Nil	Nil
2. Export Incentives realized	Nil	Nil
3. Fees for Miscellaneous Services (RTI)	468	70
4. Miscellaneous		
(a) Earlier year provisions written off	Nil	Nil
(b) GIA earlier issued refunded back		Nil
(c) Interest received on staff advance	Nil	1,400
(d) Value of assests received back from the Ministry	Nil	Nil
Total	468	1,470



FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY

SCHEDULES FORMING PART OF INCOME & EXPENDITURE

FOR THE PERIOD/YEAR ENDED 31.3.2008

SCHEDULE 20 - ESTABLISHMENT EXPENSES

	Current Year	Previous Year
a) Salaries and Wages	3,427,573	3,450,074
b) Allowances and Bonus	19,736	19,736
c) Contribution to Provident Fund	Nil	Nil
d) Contribution to Other Fund (specify) Superannuation Scheme	107,624	177,639
e) Staff Welfare Expenses	176,866	174,811
f) Expenses on Employees' Retirement & Terminal Benefits	Nil	Nil
g) Others (specify) Leave Salary & Pension Contributions	220,851	106,400
TOTAL	3,952,650	3,928,660





FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY

SCHEDULES FORMING PART OF INCOME & EXPENDITURE

FOR THE PERIOD/YEAR ENDED 31.3.2008

SCHEDULE 21 - OTHER ADMINISTRATIVE EXPENSES ETC

	Current Year	Previous Year
a. Purchases	189,189	206,042
b. Conveyance and Cartage	41,170	56,273
c. Repairs and maintenance	690,774	65,011
d. Vehicles Running Expenses	281,396	266,392
e. Vehicals Maintenance	77,546	64,313
f. Postage, Telephone and Communication Charges (Provision Rs.17260)*	571,904	374,963
g. Printing, Publication and Periodicals	3,434,959	936,194
h. Travelling Expenses	842,425	727,307
i. Legal Expenses	100	14,500
j. Hospitality Expenses	56,287	39,635
k. Advertisement and Publicity	918,783	Nil
l. Audit Fees		16,836
m. Others (specify)		
Bank Charges	101	1,500
Other Office expenses	1,749,902	891,686
Membership fees	134,614	83,795
Dificit on sale of unusable assets	81,781	52,707
Total (I)	9,070,931	3,797,154
II. Payments Against Various Projects		
Expenses on Training, Workshop & Conferences	8,579,480	4,538,967
Expesnes on Research Projects	4,861,000	10,766,693
Monitoring & Evaluation Of Zoos	264,709	587,814
Ex-Gratia Payment to closed Mobile Zoos		Nil
Transportation Of Animals	163,000	Nil
Total (II)	13,868,189	15,893,474
III. Unspent balance of GIA refundable to Ministry		
TOTAL (I+II+III)	22,939,120	19,690,628

* Provisions of Telephone charges has been made for the expenditure accrued during 2007-2008 but will be incurred during 2008-2009



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD / YEAR ENDED 31.3.2008
SCHEDULE 22- EXPENDITURE ON GRANTS, SUBSIDIES ETC.

	Current Year	Previous Year
a. Grant given to Institutions/Organisations		
Grants released to various Zoos	146,474,236	181,561,000
Unspent grants-in-aid refundable to ministry	Nil	2,884,068
b. Subsidies given to Institutions/Organisations	Nil	Nil
TOTAL	146,474,236	184,445,068





FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
Name of Entity CENTRAL ZOO AUTHORITY
RECEIPTS AND PAYMENTS FOR THE PERIOD / YEAR ENDED 31.3.2008

RECEIPTS	Amount In Rupees		PAYMENTS	Amount In Rupees	
	CURRENT YEAR	PREVIOUS YEAR		CURRENT YEAR	PREVIOUS YEAR
I. Opening Balances			1. Expenses		
(a) Cash in Hand			(a) Establishment Expenses (corresponding to Schedule 20)	3,903,793	3,709,135
Imprest	15,000	5,000	(b) Administrative Expenses (corresponding to Schedule 21)	9,257,674	3,765,381
(b) Bank Balances					
i) In current accounts	3,968,945	3,050,775			
ii) In deposit accounts	Nil	Nil			
iii) Savings accounts	Nil	Nil			
II. Grants Received			II. Payments made against funds for various projects		
(a) From Government of India	170,000,000	206,300,000	(Name of the fund or project should be shown along with the particulars of payments made for each project)		
(b) From State Government	NIL	NIL			
(c) From other sources (details)	NIL	NIL	i) Grants-in-aid to Zoos	146,474,236	181,561,000
(Grants for capital & revenue exp. To be shown separately)			ii) Monitoring & Evaluation of Zoos	264,709	587,814
			iii) Research Projects	4,861,000	10,766,693
			iv) Training, Workshop Conference	8,579,480	4,538,967

Contd./.....



			v) Education & Awareness	NIL	NIL
			vi) Exgratia payment to closed mobile zoos	NIL	NIL
			vii) Transportation of Animals	163000	NIL
III. Income on Investments from			III. Investments & deposit made		
(a) Earmarked/Endow Funds	NIL		(a) Out of Earmarked/Endowment funds	NIL	NIL
(b) Own Funds (Oth. Investment)	NIL		(b) Out of own funds (Investments-Others)	NIL	NIL
IV. Interest Received work-in-progress			IV. Expenditure on fixed Assets & capital		
(a) On bank deposits	NIL		(a) Purchase of fixed assets	934,086	627,905
(b) Loans, Advances etc. work-in-progress	NIL		(b) Expenditure on capital	NIL	NIL
V. Other Income (Specify)			V. Refund of surplus money/loans		
Fees received from Zoos with Application of Recognition	14900	10,300	(a) to the Government of India	NIL	NIL
Fees received from Application under RTI	468	70	(b) to the State Government	NIL	NIL
			(c) to other providers of funds	NIL	NIL
VI. Amount Borrowed	NIL		VI. Finance Charges (Interest)	NIL	NIL
VII. Any other receipts (give details)			VII Other Payments (Specify)		
(a) Misc. Receipts	NIL		(a) Payment of TDS	119,257	95,854
(i) Unspent balance of Advance refunded by CPWD	NIL		(b) Security Deposit (Released)	NIL	25,000
(b) Interest on Scooter Adv.		1,400	(c) Amount adjustable(By other deptt.)	NIL	NIL
(c) Security deposit	20,000	NIL			





(d) Recovery of Advances	22,500	21,900	(d) Staff advances	10,500	10,800
(e) Recovery of TDS	119,257	95,854	(e) Payment to other Depatt, (Recoveries from pay bills)	371,090	287,180
(f) Staff car recovery	4,200	4,200	(f) Bank Charges	included in admn expenses	1,500
(g) License fee	NIL	NIL			
(h) Recovery from pay bills, adjustable by other Departments	371,090	287,180			
(i) Sale proceed of assets	NIL	17,934			
(j) GIA refunded	1,805,000	NIL			
(k) Leave salary & Pension contribution payment made last yer received back	NIL	166561	VIII. Closing Balances		
			(a) Cash in Hand		
			Imprest	15,000	15,000
			(b) Bank Balances	Nil	Nil
			(i) In current accounts	1,387,535	3,968,945
			(ii) In deposit accounts	Nil	Nil
			(iii) Savings accounts	Nil	Nil
TOTAL	176,341,360	209,961,174		176,341,360	209,961,174

Remarks (i) Rs. 143982/ payable on account of leave salary and pension contribution not included in establishment expenses.L/S and pension contribution of Rs.95125/ accrued during last year actually paid this year included in establishment expenses
(ii) provision of Rs. 17260/ for tel. charges, not included in administrative expenses. Last year's provision of Rs. 14748/ (tele. Charges) and Rs.16836/ audit fees payable actually paid /adjusted this year included in administrative expenses. Staff car recovery of Rs. 4200/ also taken on payment side in administrative expenses.
(iii) Advance of Rs. 250000/ given to mice planner taken in expenditure of administrative expenses.



SCHEDULE 24-SIGNIFICANT ACCOUNTING POLICIES

1. Basis of Accounting

The Financial Statements are prepared under the historical cost convention on accrual basis and are in accordance with generally accepted accounting practices.

2. Fixed Assets

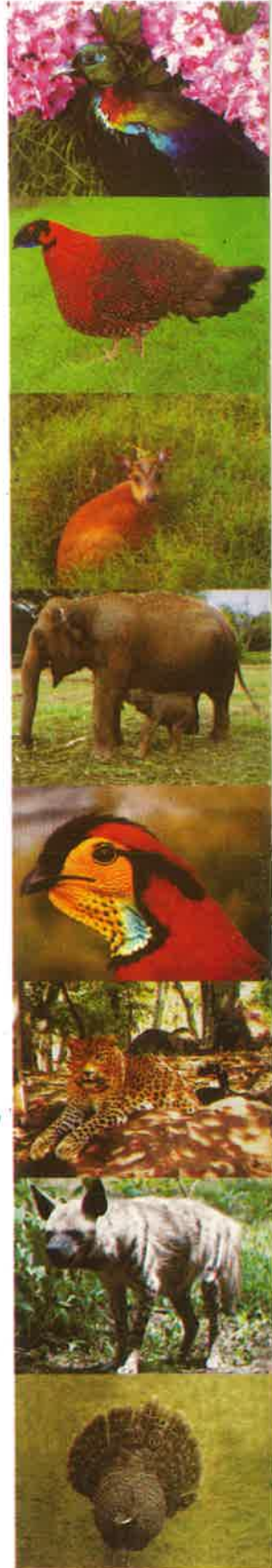
Fixed Assets are stated at cost of acquisition less accumulated depreciation

3. Depreciation

Depreciation on Fixed Assets is provided on written down value at the rates provided in the Income Tax Act. Assets acquired after September have been depreciated at half of the rate of depreciation prescribed for an asset.

4. General

Accounting policies not specifically mentioned are otherwise in consonance with generally accepted accounting practices.





SCHEDULE 25-CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS

1. Contingent Liabilities

Claims against the Entity not acknowledged as debts – NIL (Previous year NIL).

2. Capital Commitments

Estimated value of contracts remaining to be executed on Capital account and not provided for (net of advances) - NIL (Previous year NIL)

3. Current assets, Loans and Advances

In the opinion of the Management, the Current Assets, Loans and Advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

4. Corresponding figures for the previous year have been regrouped/ rearranged, wherever necessary.
5. Schedule 1 to 25 annexed form an integral part of the Balance Sheet as at 31st March, 2008 and the Income and expenditure Account for the year ended on that date.
6. The amount released to the various zoos has been accounted for as expenditure for the year in which the same was released.
7. The authority is making contribution towards superannuation scheme of L.I.C of India. An amount of Rs. 5.66 lakh was accumulated as of March 2008.



Separate Audit Report of the Comptroller and Auditor General of India on the Accounts of Central Zoo Authority for the year ended 31 March 2008

We have audited the attached Balance Sheet of Central Zoo Authority (CZA) as on 31 March 2008, the Income & Expenditure Account and the Receipts & Payment Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 38G of the Wildlife (Protection) Act, 1972, These financial statements are the responsibility of the CZA's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2 This Separate Audit Report contains the comments of the Comptroller and Auditor General, of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the law, rules & regulations (propriety and regularity) and efficiency-curn-performance aspects, etc., if any, are reported through Inspection Reports/CAG's Audit Reports separately.

3 We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4 Based on our audit, we report that:

- (i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
- (ii) The Balance Sheet, Income & Expenditure Account and Receipt & Payment Account dealt with by this report have been drawn up in the format approved by the Ministry of Finance.
- (iii) In our opinion, proper books of accounts and other relevant records have been maintained by the Central Zoo Authority as required under Section 38G of the Wildlife (Protection) Act, 1972 in so far as it appears from our examination of such books.
- (iv) We further report that:

A. Balance Sheet

Understatement of Assets

1. The Ministry of Environment and Forests released Rs. 6.30 lakh to the Authority for organizing "International Conference on Vulture" against which





the Authority spent Rs. 7.58 lakh during the year 2005-06. The excess expenditure of Rs. 1.28 lakh was yet to be reimbursed by the Ministry. The Authority had, however, not shown the same on the Assets side in the Balance Sheet^ despite being pointed out by the previous audit as a result of which the assets were understated to the extent of Rs 1.28 lakh.

B. General

Revision of accounts

The CZA revised the accounts at the instance of audit. The revised accounts were submitted on 11.08.2008. The effect of revision is that the head 'Other Income' of Income and Expenditure *A/c* came down to Rs 468T- (from Rs 18,05,4687-) and the head 'Grants/Subsidies' increased to Rs 17,46,89,0687- (from Rs 17,28,84,0687-). However there is no effect on the Balance Sheet.

C. Grants in aid

Out of the grants in aid of Rs. 17.00 crore received during the year, the organization utilized a sum of Rs. 17.47 crore as on 31st March 2008. The excess expenditure of Rs 0.47 crore was met from the unspent balances of previous years.

D. Management letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of the Member Secretary, Central Zoo Authority through a management letter issued separately for remedial/corrective action.

- (v) Subject to our observations in the preceding-paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipt & Payment Account dealt with by this report are in agreement with the books of accounts.
- (vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and

Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India.

- a. In so far as it relates to the Balance Sheet, of the state of affairs of the Central Zoo Authority as at 31 March 2008; and
- b. In so far as it relates to Income & Expenditure Account of the surplus for the year ended on that date.

For and on behalf of the C&AC of India


Principal Director of Audit

Place: New Delhi
Date:18-11-2008



Annexure

(i) **Adequacy of Internal Audit System:** There is no internal audit wing in the Central Zoo Authority. Internal audit had not been conducted since inception.

The Authority stated that it is a small office and no need was felt for a separate internal audit wing for such a small office.

(ii) **Adequacy of Internal Control System:** There is scope of some improvement in the internal control system of the Central Zoo Authority as the following deficiencies were noticed:

a. The Expenditure Control Register to ensure that the expenditure under various heads remained within budget allocations was not maintained.

b. The Broad Sheets to monitor the recovery of long term advances was also not maintained.

c. As per good practices for internal control, cash is required to be physically verified periodically by a Senior Officer not associated with the custody or recording of such cash transactions. The cash of the Authority for the year 2007-08 was not found physically verified periodically by a Senior Officer who was not associated with the custody or recording of such transaction.

d. Sub- vouchers were not found cancelled to avoid their reuse for payment.

e. Store items were being issued without any indent/requisition slip,

(iii) Test check of records revealed that Asset Registers were not maintained properly as some relevant columns were skowi.



