

ANNUAL REPORT

2008-09



केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

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Central Zoo Authority

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

Annexe-VI, Bikaner House, Shahjahan Road, New Delhi-110011
Phone : 23381585, 23073072, 23070375 Fax : 23386012
Website : www.cza.nic.in E-mail : cza@nic.in



Annual Report 2008-09

Central Zoo Authority

Introduction

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 to control 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 Central Zoo Authority is a twelve member body headed by a Chairman. Minister of State for Environment & Forests (Forests & Wildlife) is presently the *ex-officio* Chairman of the Central Zoo Authority. Member Secretary is the Chief Executive Officer of the Authority.

The Authority was reconstituted last (sixth time) in September, 2007 for a period of three years 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.	Member (ex-officio)
6.	Director, Indian Veterinary Research Institute, Bareilly, Uttar Pradesh.	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
9.	Dr. Erach K. Bharucha, Director, Bharti Vidyapeeth Institute of Environment Education and Research, Pune, Maharashtra.	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

Zoos in India are regulated under the provisions of the Wild Life (Protection) Act, 1972 and are guided by the National Zoo Policy, 1998. With assistance from Central Zoo Authority, Government of India formulated Recognition of Zoo Rules, 1992 and fixed standards and norms for management of zoos in the country. Central Zoo Authority oversees the functioning of zoos in the country and provides them technical and other assistance for their improvement. The functions assigned to the Authority under Section 38 (C) of 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;
- (b) to evaluate and assess the functioning of the zoos with respect to the prescribed standards or norms;
- (c) to recognise or derecognise zoos;
- (d) to identify endangered species of wild animals for purposes of captive breeding and assigning responsibility in this regard to a zoo;

- (e) to coordinate the acquisition, exchange and loaning of animals for breeding purpose;
- (f) to ensure maintenance of studbooks of endangered species of wild animals bred in captivity;
- (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 & Special Secretary, Ministry of Environment &



forests, Government of India to decide on administrative and budgetary issues) and Technical Committee (headed by the Addl. Director General of Forests (Wildlife) and Director, Wildlife Preservation, Ministry of Environment & Forests, Government of India to take decisions on all technical matters) have been formed within the Central Zoo Authority and 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 convenor has also been formed in the Authority to give recommendations on approval of Zoo Master Plans of the existing zoos and Detailed Project Reports (DPR) of proposed new zoos and approval of the animal enclosure designs submitted by different Zoos.

The Central Zoo Authority met twice during the period of the report. 21st meeting of the Authority was held on 12.06.2008 under the Chairmanship of Minister of State for Environment & Forests (Forests & Wildlife) and Chairman, Central Zoo Authority. The Central Zoo Authority again met (22nd meeting) on 21.01.2009. The 15th meeting of the Administrative Committee of the Central Zoo Authority was held on 03.09.2008. The Technical Committee met thrice during the year. 48th meeting was held on 23.07.2008, 49th meeting on 19.12.2008 and the Technical Committee had its 50th meeting on 24.03.2009 and considered the recommendations made by the Expert Group on Zoo Designing in addition to attending to other agenda.

Prescribing standards and norms

As recommended by the Expert Group on Zoo Legislation (specially created in Central Zoo Authority for the purpose), the Central Zoo Authority endorsed the

proposal of deletion of circus and inclusion of conservation breeding centre in the definition of zoo in its meeting held on 12.06.2008. The proposal has already been submitted to the Ministry of Environment & Forests for taking further necessary action in this regard. The Authority also endorsed repeal of Recognition of Zoo Rules, 1992 and replacing the same with Recognition of Zoo Rules, 2009 in the same meeting and has requested the Ministry of Environment & Forests, Government of India for their early notification. The Central Zoo Authority in the same meeting also approved the compilation of the detailed guidelines for establishment of new zoos, as well as for scientific management of existing zoos in the country as recommended by the Expert Group on Zoo Legislation. The copies of the same have already been circulated to all the recognized zoos and related organizations in the country.

Evaluation of zoos

5 large, 1 medium, 4 small and 27 mini zoos and 4 rescue centre have been evaluated as zoos during the year. The list of zoos evaluated during the year of the report is placed at **Annexure-I**. Central Zoo Authority has given in principle approval of creation of a new zoo at Gorakhpur in Uttar Pradesh and a Leopard Rescue Centre in Ahmednagar district in the state of Maharashtra, subject to the necessary orders from the Supreme Court of India.

Recognition/ de-recognition of zoos

4 large, 1 medium, 4 small, 12 mini zoos, 4 rescue centres and 19 circuses have been given conditional recognition, where as recognition has been refused to one rescue centre during the year. Details of different category of zoos recognized or refused recognition during the year 2008-09 is placed at **Annexure-II**. The Chief Wildlife Wardens



of all the states and Union Territories have been requested to arrange regular evaluation of circuses as zoos while their operation in their territories, as circuses mobile units and Central Zoo Authority is finding it difficult to organize their periodic evaluations. The Central Zoo Authority has also decided to give conditional recognition to all the 18 wild animals holding facilities which were earlier refused recognition or derecognized, but are still holding wild animals and have sufficient land, resources and are willing to comply the conditions under the recognition of Zoo Rules for a period of 1 year i.e. upto 31st March 2010. List of recognized zoos in India as on 31st March, 09 is placed at **Annexure-III**.

Conservation Breeding Programme

The Central Zoo Authority is coordinating planned Conservation Breeding Programme of 63 identified critically endangered wild animal species in Indian zoos. The species for conservation breeding have been identified in consultation with Chief Wildlife Wardens, in-situ wild life managers and zoo directors. Wild animal species with less than few hundreds/thousands (or say less than 2500) individuals left in the wild and less than 100 animals in captivity in India have been taken up under coordinated planned conservation breeding in Indian zoos. Two to four zoos nearer to the natural distribution range of the targetted species have been identified to participate in the programme. One of the participating zoos has been designated as coordinating zoo for each species, where off-display conservation breeding centre shall be created. The Central Zoo Authority has sanctioned Rs. 541.02 lakhs for creation of off-display conservation breeding centres for 12 identified wild animals species in their coordinating zoos or as specially created satellite facilities during the year.

Conservation Breeding Centres for cheepheasant (at Chail, Himachal Pradesh), Hangul (at Shikargah, J&K), Himalayan Monal (at Manali, Himachal Pradesh), Asiatic Lion (at Kunopalpur in Madhya Pradesh), Indian Pengolin (in Nandankanan Zoo, Orissa), Binturong (in Sephaijala zoo, Tripura), Thamin Deer (near Imphal, Manipur), Shahin Falcon (in Chhattbir zoo, Punjab), Hoolock Gibbon (in Itanagar, Arunachal Pradesh), King Cobra (in Pilikula zoo, Karnataka), Mouse Deer (in Hyderabad zoo, Andhra Pradesh) and Vultures (in Ranchi zoo, Jharkhand) have been financed during the year. Target is to have atleast 100 properly bred and genetically, physically and behaviorally healthy individuals of each targetted species in captivity in India for proper display and as insurance for future exigencies. Many coordination meetings of the coordinating and participating zoos of different targetted species have been organized at different locations during the year. The Central Zoo Authority has also decided to approach World Association of zoos and Aquariums (WAZA) for WAZA branding of the programme on species to species basis and to include the same in its Global Species Management Programme. List of critically endangered wild animal species taken up under coordinated planned conservation breeding along with the names of the coordinating and participating zoos is placed at **Annexure-IV**. The list of births of endangered species in Indian zoos during the year 2008-09 is placed at **Annexure-V**.

Exchange/Transfer of animals by zoos

19 exchange proposals of animals between Indian zoos and 5 exchange proposals between Indian and foreign zoos have been approved by the authority during the period of the report. The list of the approved exchange proposals is provided below:-



Sl.No.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
1.	Sri Chamarajendra Zoological Garden, Mysore Gaur (<i>Bos gaurus</i>) 1:0 (T.No. 00-063B-01F4)	M. C. Zoological Park, Chhatbir Nil
2.	Sri Chamarajendra Zoological Garden, Mysore Gaur (<i>Bos gaurus</i>) 1:0 (Ear tag No. CB 0143)	Bondla Zoo, Bondla, Goa Gaur (<i>Bos gaurus</i>) 1:0
3.	Assam State Zoo, Guwahati Indian tiger 1:0	Van Vihar National Park-Zoo, Bhopal Nil
4.	Assam State Zoo, Guwahati Indian tiger 1:1:0 (ID Govardhana and Divya)	Jawaharlal Nehru Biological Park, Bokaro
5.	Assam State Zoo, Guwahati Leopard 1:1	Manipur Zoo, Manipur Serow 1:0
6.	Padmaja Naidu Himalayan Zoological Park, Darjeeling Common langur 1:1 Silver pheasant 1:1 Clouded leopard 1:0 Lady Amherst pheasant 1:1 Golden pheasant 1:1	Sepahijala Zoological park, Agartala, Tripura Clouded leopard 1:1
7.	Sri Venkateswara Zoological Park, Tirupati Chowsinga 1:1 Grey jungle fowl 2:2	Nehru Zoological Park, Hyderabad White peafowl 1:1 Swamp deer 1:2 Khaleej pheasant 0:2
8.	Kamla Nehru Zoological Garden, Ahmedabad Nil	Sakkarbaug Zoo, Junagarh Asiatic lion 1:1
9.	Biological Park, Itanagar Hoolock gibbon 1:0	National Zoological Park, Delhi 1. Emu 0:1 2. Blue yellow Macaw 1:1 3. Red jungle fowl 2:2
10.	Bondla Zoo, Goa Gaur <i>Bos gaurus</i> 1:1 Virus (DOB 20.09.2000) and Pinky 9DOB 26.02.2006) Ear tag no. CB0143	Nandankanan Zoological Park, Bhubaneswar Sloth bear 1:1



11.	Bondla Zoo, Goa Gaur (<i>Bos gaurus</i>)	1:1	Indira Gandhi Zoological Park, Visakhapatnam Tiger	1:1
12.	Sri Chamarajendra Zoological Gardens, Mysore Gaur Bos gaurus ID No. 00063 B1 896 – Prakash & 00063 B3 FEB - Hamsa	1:1	Rajiv Gandhi Zoological Park & Wildlife Research Centre, Katraj, Pune Tawny eagle Four horned antelope	0:1 1:2
13.	Nandankanan Zoological Park, Bhubaneswar White tiger (Id: Ashoka – II, National Stud No. 12, Dam, National Stud No. NK12)	1:1	Van Vihar Zoo, Bhopal Tiger Transponder No. 911098102056714 Jackal	0:1 1:1
14.	Kanpur Zoological Park, Kanpur Hippopotamus Brahmini duck Hog deer	1:1 1:1 1:1	Sakkarbaug Zoo, Junagarh Tiger normal colour Comb duck White ibis A. Parakeet	1:1 1:1 1:1 1:1
15.	Sri Chamarajendra Zoological Gardens, Mysore Gaur	1:1	Bhagwan Birsa Munda Biological Park, Ranchi Hyena	3:1
16.	Nehru Zoological Park, Hyderabad Asiatic lion	1:1	National Zoological Park, Delhi Nil	
17.	National Zoological Park, Delhi Thamin deer	1:1	M. C. Zoological Park, Chhatbir Nil	
18.	National Zoological Park, Delhi Thamin deer	1:2	Bannerghatta Biological Park, Bangalore Nil	
19.	Lucknow Zoo, Lucknow Swamp deer Himalayan Black bear Sarus crane	2:2 1:0 1:1	National Zoological Park, Delhi Himalayan black bear	0:1

b) Exchange of animals between Indian Zoos and Foreign Zoos

S.No.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
1.	Padmaja Naidu Himalayan Zoological Park, Darjeeling Red panda (<i>Ailurus fulgens fulgens</i>) T. No. 0006111058	Auckland Zoo Red panda T.No. 00062E087C
	1:0	0:1



2.	Sri Chamarajendra Zoological Garden, Mysore Sloth bear 1:1	Singapore Zoo, Singapore South African Wild dog 3:1 Meerkat 1:2
3.	Padmaja Naidu Himalayan Zoological Park, Darjeeling Nil	Cricket St. Thomas Wildlife Park, U. K. Satyr Tragopan 1:1 Temminck's Tragopan 5:5
4.	Sri Chamarajendra Zoological Garden, Mysore Spotted billed pelican 2:5:3 Red necked wallaby 2:2 (<i>Macropus rufogriseus</i>) Ring tailed lemur (<i>Lemur catta</i>) 1:1 Capuchin monkey(<i>Cebus appella paella</i>) 2:0 Lesser rhea(<i>Ptreconemia pinnate pennata</i>) 1:2 Military macaws(<i>Ara militaris mexicana</i>) 2:2	Zoo Zlin, Czech Republic
5.	Madras Crocodile Bank Trust, Mamallapuram <i>Gavialis gangeticus</i> 1:1	Rare Species Conservation Trust, U.K. <i>Alligator sinensis</i> 1:1

Maintenance of Studbooks

Studbook Cell which is recently established in the Wildlife Institute of India, Dehradun has started working on preparation and updating the National studbooks of 14 identified wild animal species in captivity in Indian zoos. The Central Zoo Authority has also compiled the National studbooks/animal profiles of around 35 species taken up under the conservation breeding programme and published the same along with the inventory of animals in Indian zoos in the year 2007-08. It is expected that the national studbooks of all the desired species as on 31st March, 09 will be published soon. The compiled data and the studbooks under the programme will also be uploaded on the website of Central Zoo Authority, as well as of the Wildlife Institute of India, Dehradun.

The Central Zoo Authority has also sponsored joining of all the major Indian zoos (57 no.) and related organizations (4 no.) as members of International Species Information System/Zoological Information Management System (ISIS/ZIMS) from 1st January, 09. The Authority shall be paying for the memberships of all the zoos and organizations along with the training cost for the next 5 years. The zoos have already started sharing data with ISIS and Central Zoo Authority under the programme. International Species Information System (ISIS) has also adopted Member Secretary, Central Zoo Authority as Trustee in the ISIS Board.

Theme/ Planning in zoos

Development and management of a zoo in India is treated as forestry/wild life



conservation activity, if the zoo is developed and managed as per the Master Plan approved by the Central Zoo Authority. The recognized zoos in India were given time up to 31st March, 09 for preparation and submission of master plans to the Central Zoo Authority for approval. The Central Zoo Authority has also assisted recognized zoos in finalization of Concept plans for preparation of detailed long term Master Plans for their future development. Around 20 nos. of facilitation workshops were organized state-wise during the year for finalization of concept plans for the zoos. The Chief Wildlife Wardens, zoo controlling authorities, zoo directors/ incharge attended the facilitation workshops mostly in the state capitals, where teams of the Central Zoo Authority facilitated the proceedings. The details are placed at **Annexure-VI**. The concept plans were finalized during the meetings considering the views of the Central Zoo Authority, concerned state wildlife departments and zoo operator of each zoo. The Central Zoo Authority has also agreed to provide financial assistance to the zoos for engaging independent consultants or experts for assisting in preparation of master plans. Large zoos are being provided Rs 4 lakhs, medium zoos Rs. 3 lakhs, small zoos Rs 2 lakhs and mini zoo/deer park/rescue centre are being provided Rs 1 lakhs each for preparation of the master plans. Central Zoo Authority also made advance payments of upto 40% of the agreed amounts to the requesting zoos for preparation of the Master Plans. Central Zoo Authority has already received many detailed Master Plans from the zoos which are being analyzed for approval.

Human Resource Development

Short-term training programmes for the zoo keepers were organized in the zoos at Bilaspur in Chhattisgarh and Lucknow in Uttar Pradesh. One week training programme for veterinary Compounders and Lab Assistants working in the zoos was organized in Hyderabad, Andhra Pradesh. Two weeks' training programme for middle level zoo personnel/ supervisors was organized at Dehradun from 13th Oct.,08 to 22nd Oct.,08 in collaboration with Wildlife Institute of India. The theme of the training was "animal keeping in zoos". 29 middle level officers from zoos all over India attended the training programme. One week training programme on "conservation breeding of endangered species" for zoo veterinarians was organized at New Delhi from 2nd March,09 to 7th March,09 in collaboration with Indian Veterinary Research Institute, Izatnagar, Bareilly, Uttar Pradesh, where 33 veterinarians participated. Four days long hands on training programme on "conservation breeding of pheasants" was organized in collaboration with Padmaja Naidu Himalayan Zoological Park at Darjeeling from 6th Nov.,08 to 9th Nov.,08. The Chief Wild Life Wardens of the Himalayan states and the directors/ in charges from the zoos participating in conservation breeding of pheasants, participated in the programme. Two days workshop on "in-situ and ex-situ conservation for Amphibians" was organized at Mysore in collaboration with Shri Chamarajendra Zoological Park, Mysore on 7th and 8th January, 09. The experts on amphibians, in-charges and biologists from the identified zoos took part in the



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Middle level zoo Personnel/Supervisor training at Dehradun



Veterinary Compounders Lab Assistants training at Hyderabad



ARK's training programme at Pune



Zoo Keepers training programme at Lucknow Zoological Garden



Pheasant Conservation Breeding Workshop at Darjeeling



Zoo Veterinarians training programme at Delhi



Workshop on Amphibian Conservation at Mysore



deliberation. The Central Zoo Authority also organized three number hands on trainings on ARKS Software in collaboration with International Species Information Systems (ISIS) during the year. The training programme for zoos from southern and western India was organized at Pune from 2nd Dec.,08 to 6th Dec.,08. Zoos from eastern and north eastern region participated in the training programme organized at Bhubaneswar from 16th Jan.,09 to 21st Jan.,09, whereas, member zoos from northern and central India participated in the training programme organized at Chandigarh from 10th Feb.,09 to 15th Feb.,09. The biologists and record keepers from the member (ISIS) zoos attended the entire course, whereas the directors/ in-charges of the zoos attended the last two days of the training programmes. One zoo director (Mysore Zoo) and one zoo veterinarian (Arignar Anna Zoo) from India attended three weeks' training programme on "conservation breeding" at Durrell Wildlife Conservation Trust, Jersey, U.K. Member Secretary, CZA attended annual meetings of Conservation Breeding Specialist Group (CBSG) and World Association of Zoos & Aquariums (WAZA) at Adelaide, Australia during the month of October,2008. The Member Secretary, CZA also attended mid year meeting of World Association of Zoos & Aquariums (WAZA) at Al-Ain in UAE to present the bid of Central Zoo Authority, New Delhi, India, for organizing the annual meeting of WAZA in New Delhi in the year 2014 or later. The World Association of Zoos & Aquariums has decided to organize its annual meeting in New Delhi in the year 2014. The annual meeting of Conservation

Breeding Specialist Group (CBSG) of SSC,IUCN shall precede the WAZA meeting in New Delhi in the year 2014.

Research

The Central Zoo Authority has decided to provide Rs.38.72 lakhs of Wildlife Institute of India, Dehradun to conduct study on "Housing and enclosure enrichment for identified species in Indian zoos". The study shall be for three years duration. The Authority has also agreed to provide Rs.7.00 lakhs to Indian Zoos Association to survey the "Status, upkeep, breeding and conservation of exotic wild animals in Indian zoos in last 15 years". The Project is for 10 months duration. The Technical Committee of the Central Zoo Authority has also agreed to provide Rs.5.64 lakhs to Nandankanan Zoological Park for "preparation of Conservation Breeding Management Plan" for Indian Pangolin under Small Grant Fellowship. The Project is for two years duration.

Centre for Environmental Education, Ahmedabad has completed the project study on preparation of "National Zoo Education Master Plan" and submitted the final report to the Central Zoo Authority. The report was released by the Minister of State for Environment & Forests (Forests & Wildlife) and Chairman, Central Zoo Authority in the 22nd meeting of the Central Zoo Authority held on 27th January,09. Other ongoing research works/ studies sponsored and financed by the Central Zoo Authority which are at different stages of completion are as given below :



S. No.	Name of the project	Purpose	Cost Proposed	Duration of the project	Commencement of the project (MoU signed)
National Projects					
1	Creation of National Referral Centre for diagnosis and treatment of diseases affecting captive wild animals – IVRI, Bareilly	To provide specialized services and advice to Indian zoos related to healthcare issues	Rs. 30.36 lakhs	One time grant Long-term project	18.9.2007
2	Use of Biotechnological Interventions for Conservation of Endangered Species of animals - LaCONES, Hyderabad	To analyse heterozygosity in zoo animals, create frozen zoo and to developed techniques for assisted reproduction for zoo animals	Rs. 100.34 lakhs (Rs. 20.57 lakhs/ per year)	5 years	26.3.2007
3	Maintenance of stud/ herd book for endangered species in Indian Zoos – Wildlife Institute of India, Dehradun	Maintenance of stud/ herd books for endangered species in Indian Zoos	Rs. 22.20 lakhs	5 years	4.10.06
4	Research project on Standards, guidelines & protocols on disease diagnosis & cure of wild animals in Indian Zoos – IVRI, Bareilly	To prepare Standards, guidelines & protocols on disease diagnosis & cure of wild animals in Indian Zoos	Rs. 20.783 lakhs	2 and 1/2 year	13/4/2006
5	Standardization of animal diet in captive conditions – IVRI, Bareilly	To develop guideline for animal diet in captive conditions	Rs. 34.92 lakhs	2 years	20.8.2007



6	Research project on Developing Master Education Plan for Zoos in India - CEE, Ahmedabad	Research project on Developing Master Education Plan for Zoos in India	Rs. 17.26325 lakhs	2 years	13.7.2006
7	Developing guidelines on principles of Designing for Zoos in India – School of Planning and Architecture, New Delhi	Developing guidelines on principles of Designing for Zoos in India	Rs. 23.14 lakhs	1 and 1/2 year	22.3.2006
8	Studies on housing and enclosure enrichment of some species in selected Indian zoos- Wildlife Institute of India, Dehradun	To provide guidelines to zoos on housing and enclosure enrichment	Rs. 38.72	3 years	To be started
Small Grant Studies					
1	Reproductive biology, breeding behavior & enrichment needs of the wild dog in captivity & observation on growth and cub development – Indira Gandhi Zoological Park, Visakhapatnam	To study the animals behaviour and prepare husbandry guidelines	Rs. 3.64 lakhs	2 year	4.4.2006
2	Research project on Ecto & endo parasites of zoo animals and birds – Nandankanan Zoological Park, Bhubaneswar	To prepare guideline for detection and treatment for Ecto & endo parasites of zoo animals and birds	Rs. 6.00 lakhs	3 years	20.2.2007



	Behavioral study for the Conservation breeding of Himalayan black bear – Padmaja Naidu Himalayan Zoological Park, Darjeeling	To prepare conservation breeding management plan for Himalayan black bear	Rs. 4,11,800/-	4 years	2.3.2007
4	Status of upkeep, breeding and conservation status of exotic animals in Indian zoos- Indian zoos association	To assess the status of exotic animals in Indian zoos	Rs. 7.0 lakh	10 months	To be started
5.	Research project to develop guidelines for upkeep of reptiles in Zoos & Parks in India – Pune Zoo	to develop guidelines for upkeep of reptiles in Zoos & Parks in India	Rs. 3.70 lakhs	5 years	24.9.2007
6	Research project on Pilot study on common foot ailments in captive Asian elephant of Tamil Nadu – Madras Veterinary College, Chennai	To develop guideline for the treatment of Asian elephants against foot disease	Rs. 5.94 lakh	2 years	8.1.2008
7.	Project proposal for Conservation Breeding of Brow Antlered Deer at National level in Indian Zoos – Zoological Garden, Alipore	To prepare conservation management breeding plan for thamin deer	Rs. 8.85 lakhs	2 years	27.7.2006
8	Research activity on detailed study on captive breeding behavior of Stump tailed macaque at Aizawl Zoo with reference to type of habitat in the enclosure - Aizawl Zoo, Mizoram	To prepare conservation breeding management plan	Rs. 2.00 lakhs	2 year	31.7.2006



9	Small grant fellowship project on Preparation of manual on the transportation cages and nest boxes of different animal species – National Zoological Park, Delhi	To prepare manual on cages for carrying wild animals	Rs. 1.57 lakhs	1 year	3.1.2007
10	Research on Record Keeping in Zoos – Padmaja Naidu Himalayan Zoological Park, Darjeeling	To prepare guidelines for Indian zoos for keeping of zoo records	Rs. 4,03,800/-	2 years	30.3.2007
11	Research proposal for Population control measures of prolifically breeding animals – Arignar Anna Zoological Park, Vandalur, Chennai	To suggest measure for controlling for prolific species in zoos	Rs. 6.75 lakhs	3 years	2.3.2007
12	Behavioral study on Clouded leopard – Sepahijala Zoo, Agartala, Tripura	To developed husbandry guidelines for the clouded leopard in the zoo	Rs. 3.86 lakhs	2 years	15.4. 2008
13	Conservation breeding of Indian pangolin in Nandankanan Zoological Park, Bhubaneswar- Nandankanan Zoological Park, Bhubaneswar	To developed husbandry guidelines for the Indian pangolin in the zoos	Rs. 10.75 lakh	3 year	3.2.2009
14	To prepare Model disaster management plan for Indian zoos- Kanpur Zoological Park	To provide guidelines to deal disaster events in the zoos	Rs. 3.5 lakh	8 months	9.3. 2007



Improvement of zoos

The Expert Group on Zoo Designing of the Central Zoo Authority had six meetings during the year. The 3rd meeting (1st meeting during the year) of the Expert Group was held on 2nd April, 2008, where designs for the animal enclosures (six number) and Conservation Breeding Centres (three number) were approved. Proposed Master (lay out) Plans for the Night Safari in Arignar Anna Zoological Park, Vandalur (Chennai), Trichirapalli zoo, Trichirapalli (Tamil Nadu) and Bannerghatta Biological Park, Bangalore were also recommended for approval. The Expert Group approved proposed designs for 21 animal enclosures and Conservation Breeding Centres in its 4th meeting held on 26th/ 27th June, 2008. The Expert Group also recommended approval of detailed project reports (DPR) for creation of a new rescue centre in Ahmednagar District in Maharashtra and a new zoo in Gorakhpur, U.P. in the meeting. The Expert Group in its 5th meeting held on 15th July, 2008 approved concept plans for 27 recognized zoos in addition to approval of animal enclosure designs (22 nos.). The 6th meeting of the Expert Group was held on 21st November, 08 where designs of number animal enclosures (15 nos.) were approved. Five number of animal enclosures were approved in the 7th meeting of the Expert Group held on 3rd March, 09. 8th meeting

of the Expert Group on Zoo Designing was organized in the last week of March, 09 i.e. 24th/ 25th March, 09 where nine number of animal enclosure designs were approved, in addition to recommending the Master (layout) Plan of Nisargakavi Bahinabai Choudhary Prani Sangrahalaya, Chinchwad, Pune for approval.

The Technical Committee met thrice i.e. on 23rd July, 08, on 19th December, 08 and again on 24th March, 09 during the period of the report and approved financial grant worth Rs. 926.73 lakhs for improvement of zoos. Seven number Rescue Centres dealing with the lions and tigers rescued from the circuses have been provided Rs. 350.00 lakhs for their maintenance including feed and medicines during the year. Details of the grants released to different zoos and other organizations during 2008-09 are given in **Annexure-VII.**

Administrative matters

The Administrative office of the Central Zoo Authority is housed at Annexe-VI, Bikaner House, Shahjahan Road, New Delhi. There are 14 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 to the office establishment of the Central Zoo Authority and the names of the positions are as follows:

Sl. No.	Name of the post	Name of the incumbent	Pay-Band (Amount in Rs.)
1.	Member Secretary	Dr. B.R. Sharma	37400-67000 (Grade Pay Rs.10000)
2.	Finance Officer	Shri P.C.S.Negi	15600-39100 (Grade Pay Rs.5400)
3.	Evaluation and Monitoring Officer	Dr. Brij Kishor Gupta (On outsourcing basis)	Rs.31,000/-



4.	Scientific Officer	Dr. Naim Akhtar (On outsourcing basis)	Rs.26,000/-
5.	Private Secretary	Mrs. Seema Burreja	9300-34800 (Grade Pay Rs.4200)
6.	Accountant	Shri R.S. Rawat	9300-34800 (Grade Pay Rs.4200)
7.	Data Processing Assistant	Shri Vivek Goel	9300-34800 (Grade Pay Rs.4200)
8.	Personal Assistant	Mrs. Neeti Gulati	9300-34800 (Grade Pay Rs.4200)
9.	Upper Division Clerk	Mr. Suresh Sharma	5200-20200 (Grade Pay Rs.2400)
10.	Lower Division Clerk	Shri Thakur Dass	5200-20200 (Grade Pay Rs.1900)
11.	Office Assistant	Ms. Madhu Bala – (On outsourcing basis)	Rs. 12,000/-
12.	Office Assistant	Ms. Neeta Atal – (On outsourcing basis)	Rs. 11,000/-
13.	Staff Car Driver	Shri Hari Singh Bhandari	5200-20200 (Grade Pay Rs.2400)
14.	Office Peon	Shri P.K. Jha	4440-7440 (Grade Pay Rs.1600)
15.	Office Peon	Shri Gopal Swami	4440-7440 (Grade Pay Rs.1300)

Financial matters

During the financial year 2008-09, Central Zoo Authority received Rs. 1750.00 lakhs as Grants-in-Aid from Ministry of Environment & Forests, Government of India. Out of this, Rs. 1483.08 lakhs have been released as Grants-in-Aid to public sector zoos and other organizations during the year.

The Central Zoo Authority has decided to coordinate planned conservation breeding of critically endangered wild animal species in Indian zoos. The Administrative Committee of the Central Zoo Authority in its 15th meeting held on 03.09.2008 has decided to provide funds for creation of off-display conservation breeding centres; feeding, supplements, medicines, vaccines and

marking materials for animals housed in these off-display conservation breeding centres; engagement of technical personnel (for scientific management of conservation breeding centres, coordinating planned conservation breeding of the species in Indian zoos, preparation of national/ international stud book of the species and preparation of conservation breeding management plan of the species in India and coordinating the same with zoos abroad) and required number of animal attendants in each coordinating zoo on 100% basis. The decision of the Administrative Committee was endorsed by the Central Zoo Authority in its 22nd meeting held on 27.1.2009.

The Central Zoo Authority receives limited annual grant-in-aid from the Ministry



Environment & Forests for providing financial assistance for improvement to zoos. It was also decided by the Central Zoo Authority in its 22nd meeting held on 27.1.2009 that the Authority shall restrict the financial assistance to the zoos for improvement of animal housings only for the animals, which are already with the zoos and suffering because of bad housings and for the identified endangered wild animal species of the area and for improvement of veterinary facilities including other infrastructure. Funds for creation of off-display housing facilities for rescued/ surplus wild animals as per the needs state-wise shall also be provided by the Central Zoo Authority. The Central Zoo Authority shall also provide funds for creation and maintenance of off-display conservation breeding centres in the coordinating zoos for identified critically endangered wild animal species under the coordinated planned-conservation breeding programme of the Central Zoo Authority.

Central Zoo Authority has decided to sponsor identified Indian zoos (57 Nos.) and related organizations (CZA, WII, NRC (IVRI) and LaCONES) for joining of International Species Information System (ISIS) and Zoological Information Management System (ZIMS) at the cost of US \$ 319932 for a period of five years with constant annual fee of US \$ 63998. The Central Zoo Authority has also agreed to provide Rs. 50,000/- each to all the 57 zoos, who have become members of the ISIS for purchase of one dedicated computer with minimum required configuration i.e. dual core processor, 1GB Ram, 250 GB Hard Disk Drive, 15 inch TFT screen along with UPS (should provide at least one hour power back up) and printer (Laser Jet 1007) for using ISIS software for record keeping of data by the member zoos.

Accounts of the Central Zoo Authority for the year 2008-09 have been compiled. The internal audit has been conducted by the Finance Officer of the Central Zoo Authority and the final audit of the accounts of the Central Zoo Authority is conducted by the Principal Director of Audit, Scientific Department of the CAG under Section 19(2) of C&AGs (Duties, powers and conditions of Service) Act, 1972 read with Section 38 E (5) & (6) of the Wild Life (Protection) Act, 1972. Copy of the Accounts for the year 2008-09 containing receipt & payments accounts, income & expenditure accounts and balance sheet as on 31st March, 2009 with schedule is placed as **Annexure-VIII**.

Other activities carried out during the year

Central Zoo Authority has long term agreement with Indian Veterinary Research Institute, Bareilly to act as National Referral Centre for providing super specialty services and diagnostic facilities to the recognized zoos in the country. The Central Zoo Authority is also providing funds to the zoos for development of mechanism in form of Regional Referral Centres with veterinary institutes/ hospitals in the area to provide specialized services and diagnostic facilities to the zoos in the region for better health care of zoo animals. The Central Zoo Authority has provided up to Rs. 10.00 lakhs to many states/ zoos under the programme. During 2008-09, Rs. 10.00 lakh each have been provided to the zoos in the state of Tripura and Mizoram for developing the mechanism in the states.

The Central Zoo Authority has provided an amount of Rs. 350.00 lakhs for maintenance including feed and medicines etc. for large number of lions, tigers, leopards, bears and monkeys rescued or from the circuses and rehabilitation 7 Nos. rescue



centres created at Bangalore, Chennai, Tirupathi, Visakhapatnam, Bhopal, Jaipur and South-Khairabari (West Bengal).

The Central Zoo Authority has assisted the Wildlife Wing of the Ministry of Environment & Forests, Government of India to assign the task of independent evaluation of the scheme – Central Zoo Authority to Educational Consultant India Ltd. (Ed. CIL) Noida. The final report is expected soon.

The Central Zoo Authority in its 22nd meeting held on 21.01.2009 has decided to encourage more communication and cooperation among zoos in South-Asian countries. The zoos from South-Asian countries outside India shall also be invited to attend various workshops, conference, trainings etc. organized by the Central Zoo Authority in future at national or regional levels.

The Central Zoo Authority has also decided to encourage Indian zoos to join

various national, regional and international zoos and/ or zoo related associations/ organizations for better cooperation and information sharing.

The Central Zoo Authority has been an affiliate member of the World Association of Zoos and Aquarium (WAZA) since 1993 and provided annual membership fee of Rs. 93,873/- (CHF 2500) to WAZA Secretariat for the year 2008. The Central Zoo Authority has also contributed US \$ 1000 to the Conservation Breeding Specialized Group of Species Survival Commission of IUCN as Protector Member in its Conservation Council.

Last but not the least; observing the development in the field of zoos in India, WAZA has decided to organize 2014 world zoo conference in New Delhi in India. The meeting will be preceded by three days conference of Conservation Breeding Specialized Group (CBSG) again in New Delhi.



**List of zoos evaluated by the Central Zoo Authority
during the financial year 2008-2009**

Sl. No.	Name of the zoo	Category	Name of evaluator	Date of evaluation
1.	Sanjay Gandhi Biological Park, Patna	Large Zoo	1. Dr. L. N. Acharjyo 2. Sh. S. K. Patnaik 3. Dr. B. R. Sharma,	10.04.2008
2.	Deer Park, IFFCO Township, Aonla, Dist. Bareilly	Mini Zoo	Dr. Brij Kishor Gupta	25.04.2008
3.	Van Prani Udyan at Indian Veterinary Research Institute, Izatnagar, Bareilly	Mini Zoo	Dr. Brij Kishor Gupta	25.04.2008
4.	Bondla Zoo, Bondla, Goa	Small Zoo	Dr. B. R. Sharma	17.05.2008
5.	Mini Zoo, Roing	Mini Zoo	Sh. D. N. Singh	06.06.2008
6.	Mini Zoo, Miao	Mini Zoo	Sh. D. N. Singh	08-09.06.2008
7.	Mini Zoo, Bhiwani	Mini Zoo	1. Dr. A. K. Malhtora 2. Dr. Brij Kishor Gupta	23.06.2008
8.	Rohtak Zoo, Rohtak	Mini Zoo	1. Dr. A. K. Malhtora 2. Dr. Brij Kishor Gupta	24.06.2008
9.	Hanuman Vatika Rescue Centre at Vill. Sultanpur, Gurgaon, Haryana	Rescue Centre	1. Dr. Brij Kishor Gupta 2. Sh. Kartick Satyanarayan	07.07.2008
10.	Wildlife Rescue Centre at Vill. Gopalpur, Gurgaon	Rescue Centre	1. Dr. Brij Kishor Gupta 2. Sh. Kartick Satyanarayan	07.07.2008
11.	Arignar Anna Zoological Park, Vandalur, Chennai	Large Zoo	1. Sh. A. V. Joseph 2. Dr. M. Navin Kumar	11.07.2008
12.	Madras Crocodile Bank Trust/ Centre for Herpetology, Mamallapuram, Chennai	Large Zoo	1. Dr. M. Navin Kumar 2. Sh. A. V. Joseph	13.07.2008



13.	Maharajbagh Zoo, Nagpur	Mini Zoo	Dr. Vibhu Prakash	14.07.2008
14.	Amte's Animal Arch Rescue Centre, Distt. Gadchiroli	Rescue Centre	Dr. Vibhu Prakash	16.07.2008
15.	Kaiwara Tapowana Chintamani in Taluk Kolar, Karnataka	De-recognized	1. Prof. S. Kannaiyan 2. Dr. Brij Kishor Gupta	26.08.2008
16.	Mini Zoo, Kittur Rani Channamma Nisargadhama, Bhutarmanhatti, Distt. Belgaum	Mini Zoo	1. Prof. S. Kannaiyan 2. Dr. Brij Kishor Gupta	27.08.2008
17.	Deer Park, Shri Kshetra Sogal Soundatti, Distt. Kolar	Mini Zoo	1. Prof. S. Kannaiyan 2. Dr. Brij Kishor Gupta	27.08.2008
18.	Van Chetna Kendra Deer Park, Rampur Mandi	De-recognized	Sh. D. N. Singh	27.08.2008
19.	Van Jantu Vihar, Dak Pather, Dehradun	De-recognized	D. N. Singh	27.08.2008
20.	Kanan Pindari Zoo, Bilaspur	Small Zoo	1. Dr. E. Bharucha 2. Dr. Brij Kishor Gupta	25.09. 2008
21.	Nandan Van Mini Zoo, Raipur	Mini Zoo	1. Dr. E. Bharucha 2. Dr. Brij Kishor Gupta	26.09. 2008
22.	Maitri Baag Zoo, Bhilai	Small Zoo	1. Dr. E. Bharucha 2. Dr. Brij Kishor Gupta	27.09. 2008
23.	Deer Park at Bhanja Vihar, Berhampur University	De-recognized	Dr. Debabrata Swain	24.10.2008
24.	Biological Park, Chidiyatapu	Mini Zoo	1. Sh. S. K. Patnaik 2. Dr. B. K. Gupta	12- 13.12.2008
25.	A. N. Jha Deer Park, Hauz Khas, New Delhi	De-recognized	1. Sh. T. Ramakrishna 2. Dr. Naim Akhtar	15.12.2008
26.	Manipur Zoological Park, Imphal	Medium Zoo	1. Sh. B. S. Bonal 2. Dr. Naim Akhtar,	31.12.2008



27.	Sanghi Deer Park, Sanghi	Mini Zoo	1. Sh. Kartick Satyanarayan, 2. Dr. Naim Akthar	04.01.2009
28.	Pillamari Deer Park, Mahbub Nagar	Mini Zoo	1. Sh. Kartick Satyanarayan, 2. Dr. Naim Akthar	05.01.2009
29.	GVK Himayatsagar Mini Zoo, Ranga Reddy Distt.	Mini Zoo	1. Sh. Kartick Satyanarayan, 2. Dr. Naim Akthar	05.01.2009
30.	Deer Park, Satyam Technology, Bahadurpally Village, Ranga Reddy Distt.	Mini Zoo	1. Shri Kartick Satyanarayan, 2. Dr. Naim Akthar	05.01.2009
31.	Deer Park, Nawabganj, Unnao	Mini Zoo	Dr. A. K. Malhotra	07.02.2009
32.	Vinod Van (Mini Zoo), Ramgarh (Gorakhpur)	Mini Zoo	Dr. A. K. Malhotra	09.02.2009
33.	Deer Park, Bir Moti Bagh, Patiala	Mini Zoo	Mr. Naresh Kumar	19.02.2009
34.	Ludhiana Zoo, Ludhiana	Mini Zoo	Mr. Naresh Kumar	20.02.2009
35.	Deer Park, Neelon, Ludhiana	Mini Zoo	Mr. Naresh Kumar	20.02.2009
36.	Dr. Shyama Prasad Mukherjee Zoological Garden, Surat	Small Zoo	1. Dr. M. Navin Kumar 2. Dr. Brij Kishor Gupta,	19- 20.02.2009
37.	Rajkot Municipal Zoo, Rajkot	Mini Zoo	1. Dr. M. Navin Kumar 2. Dr. Brij Kishor Gupta,	22- 23.02.2009
38.	Birsa Mrig Vihar, Kalamati, Ranchi	Mini Zoo	Dr. Brij Kishor Gupta,	02.03.2009
39.	Kanpur Zoological Park, Kanpur	Large Zoo	1. Shri Vinod Rishi 2. Dr. A. B. Srivastava	11.03.2009
40.	M. C. Zoological Park, Chhabir, Chandigarh	Large Zoo	1. Shri S. C. Sharma 2. Dr. Brij Kishor Gupta	19.03.2009
41.	Vulture Conservation Breeding Centre, Pinjore, Haryana	Rescue Centre	1. Shri S. C. Sharma 2. Dr. Brij Kishor Gupta	19.03.2009



List of zoos granted conditional recognition by the Central Zoo Authority under Section 38H of the Wild Life (Protection) Act, 1972 during the financial year 2008-2009

S. No.	Name of the zoo	Category	Recognition valid upto
1.	Sanjay Gandhi Biological Park, Patna	Large Zoo	31.08.2013
2.	Veermata Jijabai Bhosale Udyan and Zoo, Byculla, Mumbai	Large Zoo	31.08.2011
3.	Madras Crocodile Bank Trust/ Centre for Herpetology, Mamallapuram, Chennai	Large Zoo	31.03.2012
4.	Arignar Anna Zoological Park, Vandalur, Chennai	Large Zoo	29.02.2012.
5.	Manipur Zoological Park, Imphal	Medium Zoo	31.12.2008
6.	Bondla Zoo, Bondla, Goa	Small Zoo	31.08.2013.
7.	Gandhi Zoological Park, Gwalior	Small Zoo	31.08.2013.
8.	Kanan Pendari Zoo, Bilaspur	Small Zoo	31.03.2011.
9.	Maitri Baag Zoo, Bhilai	Small Zoo	31.03.2011.
10.	Mini Zoo, Miao	Mini Zoo	30.09.2010
11.	Mini Zoo, Roing	Mini Zoo	30.09.2010
12.	Mini Zoo, Bhiwani	Mini Zoo	31.08.2013
13.	Rohtak Zoo, Rohtak	Mini Zoo	31.08.2013
14.	Panchwati Deer Park, Pilani	Mini Zoo	31.08.2013
15.	Deer Park, IFFCO Township, Aonla, Dist. Bareilly	Mini Zoo	31.08.2013
16.	Van Prani Udyan at Indian Veterinary Research Institute, Izatnagar, Bareilly	Mini Zoo	31.08.2013
17.	West Bengal Snake Park and Laboratory, Badu	Mini Zoo	31.08.2013
18.	Nandan Van Mini Zoo, Raipur	Mini Zoo	31.03.2010.
19.	Mini Zoo, Kittur Rani Channamma Nisargadhama, Bhutarmanhatti, Distt. Belgaum	Mini Zoo	31.03.2012
20.	Deer Park, Shri Kshetra Sogal Soundatti, Distt. Kolar	Mini Zoo	31.03.2012.



21.	Maharajbagh Zoo, Nagpur	Mini Zoo	31.03.2011.
22.	Hanuman Vatika Rescue Centre at Vill. Sultanpur, Gurgaon, Haryana	Rescue Centre	31.3.2009
23.	Wildlife Rescue Centre at Vill. Gopalpur, Gurgaon	Rescue Centre	31.08.2010
24.	Pugmarks-People for Animals, Rescue Centre at Shantiniketan Campus in Dist. Birbhun, West Bengal	Rescue Centre	31.08.2010
25.	Amte's Animal Arch Rescue Centre, Distt. Gadchiroli	Rescue Centre	31.03.2011
26.	People for Animals – Shelter House at Pipri, Taluk, Wardha	Rescue Centre	De-recognized
27.	Moonlight Circus	Circus	31.03.2010
28.	Rhino Circus	Circus	31.03.2010
29.	Great Golden Circus	Circus	31.03.2010
30.	Great Rayman Circus	Circus	31.03.2010
31.	Great Bombay Circus	Circus	31.03.2010
32.	Gemini Circus	Circus	31.03.2010
33.	Jumbo Circus	Circus	31.03.2010
34.	Rajkamal Circus	Circus	31.03.2010
35.	The Great Royal Circus	Circus	31.03.2010
36.	Rambo Circus	Circus	31.03.2010
37.	Rajmahal Circus	Circus	31.03.2010
38.	Weston Circus	Circus	31.03.2010
39.	Asiad Circus	Circus	31.03.2010
40.	Olympic Circus	Circus	31.03.2010
41.	Famous Circus	Circus	31.03.2010
42.	Ajanta Circus	Circus	31.03.2010
43.	Kohinoor Circus	Circus	31.03.2010
44.	Natraj Circus	Circus	31.03.2010
45.	Empire Circus	Circus	31.03.2010



List of Recognized Zoos

S.No.	State Name	Establishment Name	City Name	Category
1.	Andaman & Nicobar Islands	Biological Park, Chidyatapu	Port Blair	Small Zoo
2.	Andhra Pradesh	Deer Park - Satyam Technology Centre	Ranga Reddy	Mini Zoo
3.	Andhra Pradesh	Deer Park, Chittoor Reserve Forest	Chittoor (East) Division	Mini Zoo
4.	Andhra Pradesh	Deer Park, Kandaleru	Kandaleru	Mini Zoo
5.	Andhra Pradesh	Deer Park, Kesoram Cement	Basant nagar	Mini Zoo
6.	Andhra Pradesh	Deer Park, Nfcl Green Belt	Kakinada	Mini Zoo
7.	Andhra Pradesh	Deer Park, Tirumala Hills	Chittoor	Mini Zoo
8.	Andhra Pradesh	Deer Park, jawahar Lake Tourist Complex	Shamirpet	Mini Zoo
9.	Andhra Pradesh	G.V.K. Industires Deer Park	Hyderabad	Mini Zoo
10.	Andhra Pradesh	Himayat Sagar Mini Zoo	Ranga Reddy	Mini Zoo
11.	Andhra Pradesh	Indira Gandhi Zoological Park	Visakhapatnam	Large Zoo
12.	Andhra Pradesh	Karimnagar Deer Park	Karimnagar	Mini Zoo
13.	Andhra Pradesh	Karuna Society For Animals And Nature-rescue Centre	Dist. Anantapur	Rescue Center
14.	Andhra Pradesh	Kinnerasari Deer Park	Kinnersari	Mini Zoo
15.	Andhra Pradesh	Nehru Zoological Park	Hyderabad	Large Zoo
16.	Andhra Pradesh	Pillalamarri Deer Park	Pillalamarri Complex, Mahabub Nagar	Mini Zoo
17.	Andhra Pradesh	Sanghi Deer Park	Sanghi Nagar	Mini Zoo
18.	Andhra Pradesh	Sri Venkateswara Zoological Park	Tirupati	Large Zoo
19.	Andhra Pradesh	Vanavigyan Kendra, Hunter Road, Hanamkonda,	Warangal	Mini Zoo
20.	Andhra Pradesh	Visakha Society For Prevention Of Curelty Of Animals - Rescue Centre	Visakhapatnam	Rescue Center
21.	Arunachal Pradesh	Biological Park, itanagar	Itanagar	Small Zoo
22.	Arunachal Pradesh	Centre For Bear Rehabilitation And Conservation	Pakke	Rescue Center



S.No.	State Name	Establishment Name	City Name	Category
23.	Arunachal Pradesh	Miao Mini Zoo	Miao	Mini Zoo
24.	Arunachal Pradesh	Mini Zoo, Roing	Roing	Mini Zoo
25.	Assam	Assam State Zoo Cum Botanical Garden	Guwahati	Large Zoo
26.	Assam	Bijni Deer Park	Bongaigaon	Mini Zoo
27.	Assam	Centre For Wildlife Rehabilitation And Conservation	Golaghat	Rescue Center
28.	Assam	Moonlight Circus	Khelmati	Circus
29.	Assam	Rhino Circus	Lakhimpur	Circus
30.	Bihar	Sanjay Gandhi Biological Park	Patna	Large Zoo
31.	Chhattisgarh	Kanan Pandari Zoo	Bilaspur	Small Zoo
32.	Chhattisgarh	Maitri Baagh Zoo	Bhilai	Small Zoo
33.	Chhattisgarh	Nandan Van Zoo	Raipur	Mini Zoo
34.	Dadra & Nagar Haveli	Lion Safari - Vasona	Vasona	Mini Zoo
35.	Delhi	A.N.Jha Deer Park, Hauz Khaz	Hauz khas (New Delhi)	Mini Zoo
36.	Delhi	National Zoological Park	Delhi	Large Zoo
37.	Goa	Bondla Zoo	Usgao	Small Zoo
38.	Gujarat	Dr. Shyamaprasad Mukharjee Zoological Garden	Surat	Small Zoo
39.	Gujarat	Great Golden Circus	Ahmedabad	Circus
40.	Gujarat	Indroda Nature Park	Gandhi Nagar	Medium Zoo
41.	Gujarat	Kamla Nehru Zoological Garden	Ahmedabad	Large Zoo
42.	Gujarat	Rajkot Zoo	Rajkot	Mini Zoo
43.	Gujarat	Sakkarbaug Zoo	Junagarh	Large Zoo
44.	Gujarat	Sayaji Baug Zoo	Vadodara	Medium Zoo
45.	Gujarat	Sir Peter Scott Nature Park	Jamnagar	Mini Zoo
46.	Gujarat	Sundervan Nature Discovery Centre	Jodhpur Tekra (Ahmedabad)	Mini Zoo
47.	Haryana	Deer Park, Meham	Near G.T.Road, Meham	Rescue Center
48.	Haryana	Deer Park,hissar	Hissar	Mini Zoo



S.No.	State Name	Establishment Name	City Name	Category
49.	Haryana	Hanuman Vatika-rescue Centre	Gurgoan	Rescue Center
50.	Haryana	Mini Zoo,bhiwani	Bhiwani	Mini Zoo
51.	Haryana	Mini Zoo,pipli	Pipli	Mini Zoo
52.	Haryana	Rohtak Zoo	Rohtak	Small Zoo
53.	Haryana	Vulture Conservation Breeding Center	Pinzore	Rescue Center
54.	Haryana	Wildlife Rescue Centre	Gurgoan	Rescue Center
55.	Himachal Pradesh	Dhauladhar Nature Park	Gopalpur	Mini Zoo
56.	Himachal Pradesh	Himalayan Nature Park	Kufri	Small Zoo
57.	Himachal Pradesh	Nehru Phesantary	Manali	Rescue Center
58.	Himachal Pradesh	Renuke Mini Zoo	Sirmur	Mini Zoo
59.	Himachal Pradesh	Rescue And Rehabilitation Home	Tutikandi	Rescue Center
60.	Himachal Pradesh	Rewalsar Mini Zoo	Mandi	Mini Zoo
61.	Himachal Pradesh	Sarahan Phesantry	Sarahan	Mini Zoo
62.	Jammu & Kashmir	Jammu Zoo	Ramnagar (Jammu)	Small Zoo
63.	Jammu & Kashmir	Kashmir Zoo	Srinagar	Small Zoo
64.	Jharkhand	Bhagwan Birsa Biological Park	Ranchi	Medium Zoo
65.	Jharkhand	Birsa Mrig Vihar	Kalimati	Mini Zoo
66.	Jharkhand	Jawaharlal Nehru Biological Park	Bokaro	Small Zoo
67.	Jharkhand	Mugger Breeding Centre (Muta Zoo)	Muta	Mini Zoo
68.	Jharkhand	Tata Steel Zoological Park	Jamshedpur	Small Zoo
69.	Karnataka	Bellary Childrens Park-cum-Zoo (Bellary Zoo)	Bellary	Small Zoo
70.	Karnataka	Children Park & Zoo (Gadag Zoo)	Gadag	Small Zoo
71.	Karnataka	Deer Park At Shri Kshetra Sogal, Soudatti	Belgaun	Mini Zoo
72.	Karnataka	Deer Park, NMDC Ltd.	Donimalai	Mini Zoo



S.No.	State Name	Establishment Name	City Name	Category
73.	Karnataka	Dr. K.shivarma Karanth Pililkula Biological Park	Mangalore	Large Zoo
74.	Karnataka	Indira Priyadarshini Sangrahalaya, Anagodu	Davangere Taluk	Mini Zoo
75.	Karnataka	Kaiwara Tapowana Chintamani Taluk	Kolar	Mini Zoo
76.	Karnataka	Kittur Rani Cannamma Nisarg Dhama Mini Zoo	Belgaum	Mini Zoo
77.	Karnataka	Mini Zoo A. M. Gudi Balvana	Chitradurga	Mini Zoo
78.	Karnataka	Mini Zoo At Gendekatte	Hassan	Mini Zoo
79.	Karnataka	Mini Zoo Cum Children Park	Gulbarga	Mini Zoo
80.	Karnataka	Namadachilume Deer Park	Tumkur	Mini Zoo
81.	Karnataka	National Park, Bannerghatta Zoological Garden	Bangalore	Large Zoo
82.	Karnataka	People For Animals - Rescue Centre	Bangalore	Rescue Center
83.	Karnataka	Sri Chamarajendra Zoological Gardens	Mysore	Large Zoo
84.	Karnataka	Tiger & Lion Safari	Shimoga	Small Zoo
85.	Karnataka	Tungabhadra Dam Mini Zoo	Bellary	Mini Zoo
86.	Karnataka	Wildlife Rescue & Rehabilitation Centre	Bangalore	Rescue Center
87.	Kerala	Amar Circus	Calicut	Circus
88.	Kerala	Gemini Circus	Varam	Circus
89.	Kerala	Great Bombay Circus	Tillicherry	Circus
90.	Kerala	Great Rayman Circus	Cochin	Circus
91.	Kerala	Hill Palace Zoo, Ernakulam	Ernakulam	Mini Zoo
92.	Kerala	Jamuna Circus	Raigarh	Circus
93.	Kerala	Jumbo Circus	Varam	Circus
94.	Kerala	Kodanadu Zoo	Kodanadu	Mini Zoo
95.	Kerala	Lion Safari Park At Nayyar Dam (Nayyar Mini Zoo)	Thirunvanan- thapuram	Mini Zoo
96.	Kerala	Parassinikkadavu Reptile Park	Kanur	Mini Zoo
97.	Kerala	Raj Kamal Circus	Dharmadam	Circus
98.	Kerala	Snake Park, Malampuzha	Malampuzha	Mini Zoo



S.No.	State Name	Establishment Name	City Name	Category
99.	Kerala	Sri Lok Nayak Jaya Prakash Narayan Smrity Van Deer Park	Walayar	Mini Zoo
100.	Kerala	State Museum & Zoo	Thrissur	Medium Zoo
101.	Kerala	Thiruvananthapuram Zoo	Thirunvananthapuram	Large Zoo
102.	Madhya Pradesh	Gandhi Zoological Park	Gwalior	Medium Zoo
103.	Madhya Pradesh	Kamla Nehru Prani Sanghralhalaya Zoo	Indore	Small Zoo
104.	Madhya Pradesh	Van Vihar National Park Zoo	Bhopal	Large Zoo
105.	Maharashtra	Amtes Animal Ark	Wardha	Rescue Center
106.	Maharashtra	Aurangabad Municipal Zoo	Aurangabad	Small Zoo
107.	Maharashtra	Leopard Rescue Centre	Manikdoh	Rescue Center
108.	Maharashtra	Maharaja Shahaji Chhatrapati Zoo	Kolhapur	Mini Zoo
109.	Maharashtra	Maharajbag Zoo	Nagpur	Mini Zoo
110.	Maharashtra	Mahatma Gandhi Rashtriya Udyan Zoo	Solapur	Small Zoo
111.	Maharashtra	Nisargakavi Bahinabai Choudhary Pranisanghalaya	Chinchiwad, Pune	Small Zoo
112.	Maharashtra	Rajiv Gandhi Zoological Park And Wildlife Research Center	Pune	Medium Zoo
113.	Maharashtra	Rambo Circus	Pune	Circus
114.	Maharashtra	Sanjay Gandhi National Park And Zoo	Borivali	Mini Zoo
115.	Maharashtra	Snake Park, Shikshan Mandal	Kolhapur	Mini Zoo
116.	Maharashtra	The Great Royal Circus	Namadic	Circus
117.	Maharashtra	Veer mata Jijabai Bhosale Udyan & Zoo	Mumbai	Medium Zoo
118.	Manipur	Manipur Zoological Garden	Imphal	Medium Zoo
119.	Meghalaya	Lady Hydari Park Animal Land (Meghalaya Zoo)	Shillong	Small Zoo
120.	Meghalaya	Nehru Park Zoo, Danakgre, tura	Akhongini Tura	Mini Zoo



S.No.	State Name	Establishment Name	City Name	Category
121.	Mizoram	Aizawl Zoo (Mizoram Zoo)	Aizwal	Small Zoo
122.	Mizoram	Deer Park, thenzawl	Thenzawl	Mini Zoo
123.	Nagaland	Nagaland Zoological Park, Rangapahar	Dimapur	Mini Zoo
124.	Orissa	Deer Park, Berhampur Unit	Berhampur	Mini Zoo
125.	Orissa	Deer Park, Papadahandi	Nawarangpur	Mini Zoo
126.	Orissa	Gharial Research & Conservation Unit	Tikarpara	Mini Zoo
127.	Orissa	H.A.L. Deer Park, Koraput	Sunabeda	Mini Zoo
128.	Orissa	Harishankar Deer Park	Balangir	Mini Zoo
129.	Orissa	Indira Gandhi Park Zoo	Rourkela	Small Zoo
130.	Orissa	Kapilash Zoo	Dhenkanal	Mini Zoo
131.	Orissa	Kuanria Deer Park, Nayagarh Forest Division	Nayagarh	Mini Zoo
132.	Orissa	Municipality Deer Park	Cuttack	Mini Zoo
133.	Orissa	Nandankanan Biological Park	Bhubaneswar	Large Zoo
134.	Orissa	Taptapani Deer Park	Parlakhemundi	Mini Zoo
135.	Orissa	Wild Animal Conservation Center		Small Zoo
136.	Punjab	Deer Park, Bir Moti Bagh (Patiala Zoo)	Patiala	Small Zoo
137.	Punjab	Deer Park, Bir Talab	Bhatinda	Mini Zoo
138.	Punjab	Deer Park, Neelon	Ludhiana	Mini Zoo
139.	Punjab	Ludhiana Zoo	Ludhiana	Small Zoo
140.	Punjab	Mahendra Chaudhury Zoological Park	Chhatbir, Chandigarh	Large Zoo
141.	Rajasthan	Bikaner Zoo	Bikaner	Small Zoo
142.	Rajasthan	Deer Park, Shri Goverdhan Trust	Udaipur	Mini Zoo
143.	Rajasthan	Jaipur Zoo	Jaipur	Large Zoo
144.	Rajasthan	Jodhpur Zoo	Jodhpur	Small Zoo
145.	Rajasthan	Kota Zoo	Kota	Mini Zoo
146.	Rajasthan	Panchwati Deer Park	Pilani	Mini Zoo
147.	Rajasthan	Safari Park, Haridasji-ki-magri	Udaipur	Mini Zoo
148.	Rajasthan	Udaipur Zoo	Udaipur	Small Zoo



S.No.	State Name	Establishment Name	City Name	Category
149.	Sikkim	Himalayan Zoological Park, Bulbuley	Gangtok	Mini Zoo
150.	Tamil Nadu	Amirdhi Zoo	Vellore	Small Zoo
151.	Tamil Nadu	Arignar Anna Zoological Park	Vandalur, Chennai	Large Zoo
152.	Tamil Nadu	Chennai Snake Park Trust	Guindy, Chennai	Medium Zoo
153.	Tamil Nadu	Childrens Corner	Guindy, Chennai	Medium Zoo
154.	Tamil Nadu	Kurumbapatti Zoological Park	Salem	Mini Zoo
155.	Tamil Nadu	Madras Crocodile Bank Trust/ centre For Herpetology	Mahabalipuram	Large Zoo
156.	Tamil Nadu	Shivganga Garden Mini Zoo	Thanjavur	Mini Zoo
157.	Tamil Nadu	Tiruchirapalli Zoo, Tiruchirapalli	Tiruchirapalli	Mini Zoo
158.	Tamil Nadu	V.O.C. Park Mini Zoo	Coimbatore	Small Zoo
159.	Tripura	Sepahijala Zoological Park	Sepahijala, Agartala	Large Zoo
160.	Uttar Pradesh	Agra Bear Rescue Facility	Agra	Rescue Center
161.	Uttar Pradesh	Apollo Circus	Varanasi	Circus
162.	Uttar Pradesh	Deer Park, IFFCO Township, Anda	Bareilly	Mini Zoo
163.	Uttar Pradesh	Great Apollo Circus	Hamirpur	Circus
164.	Uttar Pradesh	Kanpur Zoological Park	Kanpur	Large Zoo
165.	Uttar Pradesh	Lucknow Zoological Park	Lucknow	Large Zoo
166.	Uttar Pradesh	Nawabganj Deer Park	Unnao	Mini Zoo
167.	Uttar Pradesh	Rajmahal Circus	Hamirpur	Circus
168.	Uttar Pradesh	Sarnath Deer Park	Varanasi	Mini Zoo
169.	Uttar Pradesh	Van Prani Udyan, I.V.R.I.	Izatnagar, Bareilly	Mini Zoo
170.	Uttar Pradesh	Vinod Van Mini Zoo, Ramgarh (Gorakhpur Zoological Park)	Gorakhpur	Mini Zoo
171.	Uttarakhand	Deer Park, Narain Tewari Dewal (Almora Zoo)	Almora	Mini Zoo



S.No.	State Name	Establishment Name	City Name	Category
172.	Uttarakhand	Malsi Deer Park (Dehra Dun Biological Park)	Dehradun	Mini Zoo
173.	Uttarakhand	Pt. Govind Ballabh Pant High Altitude Zoo	Nainital	Small Zoo
174.	West Bengal	Adina Deer Park	Malda	Mini Zoo
175.	West Bengal	Ajanta Circus	Kolkata	Circus
176.	West Bengal	Alipore Zoological Garden	Kolkata	Large Zoo
177.	West Bengal	Asiad Circus	Kolkata	Circus
178.	West Bengal	Calcutta Snake Park	Badu, Kolkata	Medium Zoo
179.	West Bengal	Empire Circus	Kolkata	Circus
180.	West Bengal	Famous Circus	Kolkata	Circus
181.	West Bengal	Gar Chumuk (Ulughata) Deer Park	Howrah	Mini Zoo
182.	West Bengal	Jhargram Zoo	Jhargram	Small Zoo
183.	West Bengal	Kohinoor Circus	Kolkata	Circus
184.	West Bengal	Kumari Kangsabuti Deer Park, Bonpakuria	Bonpakuria, Bankura	Mini Zoo
185.	West Bengal	Kunjanagar Eco-park	Jalpaiguri	Mini Zoo
186.	West Bengal	Marble Palace Zoo	Kolkata	Small Zoo
187.	West Bengal	Natraj Circus	Kolkata	Circus
188.	West Bengal	Olympic Circus	Kolkata	Circus
189.	West Bengal	Padmaja Naidu Himalayan Zoological Park	Darjeeling	Small Zoo
190.	West Bengal	Pugmarks - PFA Santiniketan Rescue Centre	Kolkata	Rescue Center
191.	West Bengal	Purulia Mini Zoo, Surulia	Purulia	Mini Zoo
192.	West Bengal	Ramnabagan Mini Zoo	Burdwan	Mini Zoo
193.	West Bengal	Rasikbeel Mini Zoo	Cochbihar	Mini Zoo
194.	West Bengal	South Khairbari Leopard Safari and Rehabilitation Centre	Madarihat	Mini Zoo
195.	West Bengal	West Bengal Snake Park & Laboratory, Badu	Badu, Kolkata	Mini Zoo
196.	West Bengal	Weston Circus	Elliot	Circus



List of the identified endangered wild animal species to be 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	145
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.	Tiberan wolf (<i>Canis himalayensis</i>)	Darjeeling	Gangtok, Nainital, Kufri	21
8.	Grey wolf (<i>Canis lupus</i>)	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 (<i>Lutrogale perspicillata</i>)	Ahmedabad		
15.	Malabar giant squirrel (<i>Ratufa indica</i>)	Pilikula	Chennai, Pune	
16.	Indian 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>)	Lucknow	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 humaie</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	Hyderabad, Bhopal, Junagarh, Bhubaneswar, Rajabhatkhawa, Guwahati	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	--	9

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Births of Endangered Species during 2008-09

Species Name	Zoo Name	Location	City Name	Animal Name	Male	Female	Unsex	Total	
Bird	Gujarat	Kamla Nehru Zoological Garden	Ahmedabad	Peafowl	0	0	4	4	
				Pigeon Nicobar	0	0	2	2	
				Spoonbill White	0	0	4	4	
			Sayaji Baug Zoo	Vadodara	Pheasant Monal / Impeyan	1	1	0	2
			Dr. Shyamaprasad Mukharjee Zoological Garden	Surat	Spoonbill White	0	0	2	2
	Himachal Pradesh	Sarahan Phesantry	Sarahan	Tragopan Western	0	0	6	6	
	Maharashtra	Nisargakavi Bahinabai Choudhary Pranisanghalaya	Chinchiwad, Pune	Peafowl	0	0	2	2	
	Orissa	Indira Gandhi Park Zoo	Rourkela	Peafowl	0	0	2	2	
	Rajasthan	Jodhpur Zoo	Jodhpur	Peafowl	0	0	3	3	
	Tripura	Sepahijala Zoological Park	Sepahijala, Agartala	Hornbill Indian Pied	0	0	1	1	
Uttar Pradesh	Lucknow Zoological Park	Lucknow	Pheasant Kalij	0	0	3	3		
Uttarakhand	Pt. Govind Ballabh Pant High Altitude Zoo	Nainital	Pheasant Kalij	0	1	0	1		
Bird Total					1	2	29	32	
Mammal	Andhra Pradesh	Indira Gandhi Zoological Park	Visakhapatnam	Black Buck (Krishna Mrig)	20	8	0	28	
				Dog Wild (Dhole)	1	0	0	1	
	Bihar	Sanjay Gandhi Biological Park	Patna	Deer Brow-antlered (Sangai)	0	1	0	1	



	Goa	Bondla Zoo	Usgao	Black Buck (Krishna Mrig)	1	0	0	1
				Gaur (In- dian Bison)	0	1	0	1
	Gujarat	Indroda Nature Park	Gandhi Nagar	Gazelle Indian (Chinkara)	2	3	0	5
				Black Buck (Krishna Mrig)	5	10	0	15
		Sakkarbaug Zoo	Junagarh	Deer Swamp (Barasingha)	1	0	0	1
				Lion Indian	9	7	0	16
				Gazelle Indian (Chinkara)	2	5	2	9
				Deer Brow- antlered (Sangai)	0	1	2	3
				Black Buck (Krishna Mrig)	0	1	16	17
				Antelope Four Horned (Chowsingha)	3	4	1	8
				Leopard (Panther)	0	3	0	3
		Dr. Shyamaprasad Mukharjee Zoological Garden	Surat	Otter Common	1	1	0	2
				Black Buck (Krishna Mrig)	2	1	0	3
		Rajkot Zoo	Rajkot	Lion Indian	2	0	3	5
	Haryana	Deer Park,hissar	Hissar	Black Buck (Krishna Mrig)	0	0	1	1
		Deer Park, Meham	Near G.T. Road, Meham	Black Buck (Krishna Mrig)	0	2	0	2



Himachal Pradesh	Renuke Mini Zoo	Sirmur	Bear Himalayan Black	0	0	3	3
Jharkhand	Bhagwan Birsa Biological Park	Ranchi	Bear Himalayan Black	0	0	2	2
			Black Buck (Krishna Mrig)	0	0	5	5
	Tata Steel Zoological Park	Jamshedpur	Black Buck (Krishna Mrig)	0	0	1	1
			Leopard (Panther)	0	0	2	2
Karnataka	Deer Park, NMDC Ltd.	Donimalai	Black Buck (Krishna Mrig)	3	1	0	4
	National Park, Bannerghatta Zoological Garden	Bangalore	Tiger Bengal	1	0	0	1
	Children Park & Zoo (Gadag Zoo)	Gadag	Black Buck (Krishna Mrig)	0	0	2	2
Kerala	Thiruvananthapuram Zoo	Thiruvananthapuram	Tiger Bengal	1	2	0	3
			Black Buck (Krishna Mrig)	7	0	1	8
Madhya Pradesh	Gandhi Zoological Park	Gwalior	Gazelle Indian (Chinkara)	0	0	1	1
			Black Buck (Krishna Mrig)	0	0	3	3
Maharashtra	Aurangabad Municipal Zoo	Aurangabad	Black Buck (Krishna Mrig)	4	4	0	8
	Rajiv Gandhi Zoological Park And Wildlife Research Center	Pune	Bear Sloth	1	1	0	2
			Black Buck (Krishna Mrig)	2	2	0	4



				Antelope Four Horned (Chow- singha)	2	0	0	2
		Mahatma Gandhi Rashtriya Udyan Zoo	Solapur	Black Buck (Krishna Mrig)	0	0	8	8
		Sanjay Gandhi National Park And Zoo	Borivali	Tiger Bengal	1	1	0	2
				Cat Rusty- spotted	0	0	3	3
	Manipur	Manipur Zoological Garden	Imphal	Deer Brow- antlered (Sangai)	0	1	0	1
	Orissa	Wild Animal Conservation Center	Mothijharan, Sambalpur	Antelope Four Horned (Chowsingha)	0	0	4	4
	Punjab	Deer Park, Bir Moti Bagh (Patiala Zoo)	Patiala	Black Buck (Krishna Mrig)	0	0	1	1
	Rajasthan	Jaipur Zoo	Jaipur	Black Buck (Krishna Mrig)	0	0	5	5
		Jodhpur Zoo	Jodhpur	Black Buck (Krishna Mrig)	0	0	3	3
	Sikkim	Himalayan Zoological Park, Bulbuley	Gangtok	Panda Red / Lesser	1	0	0	1
	Tamil Nadu	Arignar Anna Zoological Park	Vandalur, Chennai	Bear Sloth	1	0	0	1
				Langur Nilgiri	0	0	2	2
				Macaque Lion-tailed	2	1	0	3
				Tiger Bengal (White)	0	2	0	2
				Deer Brow- antlered (Sangai)	0	1	0	1



				Dog Wild (Dhole)	1	4	0	5
				Gaur (Indian Bison)	1	1	0	2
	Tripura	Sepahijala Zoological Park	Sepahijala, Agartala	Cat Leopard	0	0	1	1
				Monkey Spectacled Leaf	0	0	1	1
				Leopard (Panther)	0	1	0	1
	Uttar Pradesh	Lucknow Zoological Park	Lucknow	Deer Swamp (Barasingha)	0	0	6	6
				Gazelle Indian (Chinkara)	0	0	2	2
	West Bengal	Marble Palace Zoo	Kolkata	Antelope Four Horned (Chowsingha)	1	0	0	1
Mammal Total					78	70	81	229
Reptile	Gujarat	Dr. Shyamaprasad Mukharjee Zoological Garden	Surat	Crocodile Marsh (Mugger)	0	0	3	3
	Haryana	Mini Zoo, Bhiwani	Bhiwani	Crocodile Marsh (Mugger)	0	0	5	5
	Jharkhand	Bhagwan Birsa Biological Park	Ranchi	Python Indian - Rock	0	0	1	1
	Tamil Nadu	Arignar Anna Zoological Park	Vandalur, Chennai	Python Indian - Rock	0	0	8	8
		Madras Crocodile Bank Trust/centre For Herpetology	Mahabali-puram	Turtle Indian Roofed	0	0	12	12
Reptile Total					0	0	29	29
					79	72	139	290
Grand Total					79	72	139	290



Details of the facilitation workshops organized by the Central Zoo Authority with the respective Forest Department of the States for the finalization of the Concept Plan of the zoos and Conservation Breeding Centre's in India for the preparation of detailed long-term Master Plans

S. No.	Name of the State	Date of the Workshop	Venue
1.	Tripura	1 st December, 2007	Sepahijala Zoological Park, Agartala
2.	Goa	17 th May, 2008	Chief Wildlife Warden's Office, Panaji, Goa
3.	West Bengal	18 th -19 th August, 2008	Principal CCF's Office, Kolkata
4.	Sikkim	19 th August, 2008	Principal CCF's Office, Kolkata
5.	Arunachal Pradesh	14 th September, 2008	Chief Wildlife Warden's Office, Itanagar
6.	Assam	15 th September, 2008	Assam State Zoo, Guwahati
7.	Chhatisgarh	26 th September, 2008	Nandan Van Mini Zoo, Raipur
8.	Tamil Nadu	11 th November, 2008	Arignar Anna Zoological Park, Vandalur, Chennai
9.	Orissa	19 th November, 2008	Nandankanan Zoological Park, Bhubaneswar
10.	Maharashtra	5 th December, 2008	Bharti Vidyapeeth Institute for Environmental Education, Pune
11.	Andaman & Nicobar Islands	12 th & 13 th December, 2008	Chief Wildlife Warden's Office, Port Blair
12.	Delhi	16 th December, 2008	National Zoological Park, Delhi
13.	Karnataka	9 th January, 2009	Bannerghatta Biological Park, Bangalore
14.	Kerala	16 th January, 2009	Chief Wildlife Warden's Office, Thiruvananthapuram
15.	Jammu & Kashmir	January, 2009	Central Zoo Authority's office, New Delhi
16.	Andhra Pradesh	6 th February, 2009	Chief Wildlife Warden's Office, Hyderabad
17.	Haryana	13 th February, 2009	Hotel Park Inn, Chandigarh, Punjab
18.	Himachal Pradesh	13 th February, 2009	
19.	Punjab	14 th February, 2009	
20.	Rajasthan	16 th February, 2009	Chief Wildlife Warden's Office, Jaipur Rajasthan
21.	Gujarat	20 th February, 2009	GEER Foundation, Gandhingar
22.	Uttar Pradesh	27 th February, 2009	Chief Wildlife Warden's Office, Lucknow, Uttar Pradesh
23.	Jharkhand	2 nd March, 2009	Bhagwan Birsa Biological Park, Ranchi
24.	Uttarakhand	6 th March, 2009	Chief Wildlife Warden's Office, Dehradun
25.	Madhya Pradesh	13 th March, 2009	Van Vihar National Park-Zoo, Bhopal



**Details of the Grants released to the different zoo and related organization
2008 - 2009**

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Agra Bear Rescue Facility		Agra	
1	Preparation of master plan		40000
			Total: 40000
Aizawl Zoo (Mizoram Zoo)		Aizwal	
2	Study on captive breeding of STM		40000
			Total: 40000
Alipore Zoological Garden		Kolkata	
3	Conservation Management Plan		265000
			Total: 265000
Arignar Anna Zoological Park		Vandalur, Chennai	
4	Feed Upkeep of lions,tiger & Bears		4800000
5	Construction Of Enclosures		5000000
6	Preparation of master plan		160000
			Total: 9960000
Assam State Zoo cum Botanical Garden		Guwahati	
7	Const of Hoolock GibbonNight Shelter encls		2360000
8	Const of aquatic Bird encls		388000
9	Improvement of Drainage System		700000
10	Augmentation of Water Supply		1000000
11	Const & Repair Of boundry Wall.		750000
			Total: 5198000
Bhagwan Birsa Biological Park		Ranchi	
12	Construction of enclosures for Primates		3200000
13	Encls Enrichment		300000
14	Relaying roads & Footh path		300000
15	Preparation of master plan		160000
16	Const of Pavement, drainages,Sewarage water Supply		250000
			Total: 4210000
Biological Park, Itanagar		Itanagar	
17	Augmentation of Water Supply		495000
18	Const of Hoolock GibbonNight Shelter encls		5000000
19	Improvement of Veterinary hospital (furniture/fixtures equipment and medicine)		259000
20	Preparation of master plan		80000



21	Construction of Post Mortem Room	73400
22	Purchase of Genarator	170000
23	Tranquilizing Equipments	210000
24	Const. of Aviary	4076000
25	Construction of Enclosures	5507000
Total:		15870400

Deer Park, Thenzawl		Thenzawl
26	Wall fencing	739000
27	Extension /Improvement of Sangai Deer & Bara Singha Enclosures	261000
Total:		1000000

Dr. K. Shivarma Karanth Pililkula Biological Park Mangalore		
28	Construction of Quarantine Ward	1300000
29	Construction of Veterinary Hospital	1600000
30	Construction of Sick & Postmortem Room	395000
Total:		3295000

Himalayan Nature Park Kufri		
31	Setting up of conservation breeding centre	5171000
Total:		5171000

Indira Gandhi Zoological Park		Visakhapatnam
32	Small grant fellowship to study wild dog	122000
33	Cost of feed article to animals	2600000
Total:		2722000

Indroda Nature Park		Gandhi Nagar
34	Preparation of master plan	120000
Total:		120000

Kurumbapatti Zoological Park		Salem
35	Const. Of salt Water Crocodile encl	800000
36	Construction of Sambar Enclosure	2985000
37	Construction of Enclosure for Deer	2985000
38	Security Fencing	1730000
Total:		8500000

Leopard Rescue Centre		Manikdoh
39	Preparation of master plan	40000
Total:		40000

Madras Crocodile Bank Trust/Centre for Herpetology Mahabalipuram		
40	Upgradation of Vet. Facility	199000
Total:		199000

Maharajbag Zoo		Nagpur
41	Preparation of master plan	40000



42	Preparation of master plan	40000
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Total: 80000

Mahendra Chaudhury Zoological Park Chhatbir, Chandigarh

43	Zoo Education Programme	150000
44	Preparation of master plan	160000
45	Setting up of conservation breeding centre	5620000

Total: 5930000

Manipur Zoological Garden Imphal

46	setting up of conservation breeding centre	3000000
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Total: 3000000

Nahargarh Biological Park Jaipur

47	Cost of feed & Supplement for the rescued animals	6600000
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Total: 6600000

Nandan Van Zoo Raipur

48	Preparation of master plan	80000
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Total: 80000

Nandankanan Biological Park Bhubaneswar

49	Environment Improvement	100000
50	Electric Water & Maintaince	240000
51	Construction of Enclosures	1380000
52	Preparation of master plan	160000
53	Study on Indian pangolin	500000
54	Water supply system including storage tank & Treatment plant	50000
55	Ecto and endo parasites	180000

Total: 2610000

National Park, Bannerghatta Zoological Bangalore

56	Cost of feed & Supplement for the rescued animals	10700000
57	Preparation of master plan	160000

Total: 10860000

National Zoological Park Delhi

58	Construction of Quarantine Facility	3519500
59	Development & Land Scaping	1352000
60	Development & Land Scaping	833000
61	Contruction of Road	1337000

Total: 7041500

Nehru Phesantary Manali

62	Setting up of conservation breeding centre	4400000
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Total: 4400000



Sisargakavi Bahinabai Choudhary **Chinchiwad, Pune**

63	Preparation of master plan	80000
Total:		80000

Padmaja Naidu Himalayan Zoological Park **Darjeeling**

64	Preparation of master plan	80000
65	Record keeping in zoos (Small grant fellowship)	100000
66	Const For Snow Leopard Enclosure	2456000
67	Behaviour study on conservation breeding of Himalayan Black Bear	120000
68	Renovation of Bear Encls	1942000
69	Const of pump room	3391000
70	Const of Pheasant Aviaries	2311000
Total:		10400000

Rajiv Gandhi Zoological Park and Wildlife Rescue Centre **Pune**

71	Preparation of master plan	160000
Total:		160000

Rasikbeel Mini Zoo **Cochbihar**

72	Preparation of master plan	40000
Total:		40000

Sarnath Deer Park **Varanasi**

73	Gharial Encls.	135000
74	Providing New Chain Link Net	1000000
75	Renovation of aviary	269000
Total:		1404000

Sayaji Baug Zoo **Vadodara**

76	Preparation of master plan	120000
Total:		120000

Sepahijala Zoological Park **Sepahijala, Agartala**

77	Construction of Leopard Enclosure	1337000
78	Pig Tailed Macaque encls.	1376000
79	For Monkey house	1371000
80	Encls Enrichment	200000
81	Setting up of conservation breeding centre	2846000
82	Study on clouded leopard	193000
Total:		7323000

Snake Park, Shikshan Mandal **Kolhapur**

83	Preparation of master plan	40000
Total:		40000

South Khairbari Leopard Safari **Madarihat**

84	Feeding Cost Of Rescued Animals	2600000
Total:		2600000



Sri Chamarajendra Zoological Gardens Mysore

85	Strengting of existing leopard encls & Const of Retaining wall.	900000
86	Improvement of snake encls	2930000

Total: 3830000

Sri Venkateswara Zoological Park Tirupati

87	Feeding Cost of Rescued Animals	5600000
88	Setting up of conservation breeding centre	3000000

Total: 8600000

Tiruchirapalli Zoo, Tiruchirapalli Tiruchirapalli

89	Const of Compound wall & Boundary Wall	4050000
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Total: 4050000

Van Vihar National Park Zoo Bhopal

90	Panther Enclosures	833000
91	Feeding Cost Of Rescued Animals	2100000
92	Preparation of master plan	160000

Total: 3093000

Veer mata Jijabai Bhosale Udyan & Zoo Mumbai

93	Preparation of master plan	80000
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Total: 80000

Wildlife Rescue Centre Gurgaon

94	Preparation of master plan	40000
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Total: 40000

Grand Total: 139091900



Form of Financial Statements (Non-profit Organization)
Name of Entity Central Zoo Authority
Balance Sheet as at 31.3.2009

(Amount In Rupees)

Corpus/capital Fund and Liabilities	Schedule	Current Year	Previous Year
Corpus/Capital Fund	1	3,788,952	3,120,921
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	964,603	454,203
TOTAL		4,753,555	3,575,124
ASSETS			
Fixed Assets	8	1,564,453	1,785,289
Investments- From Earmarked/Endowment Funds	9	Nil	Nil
Investments-Others	10	Nil	Nil
Current Assets, Loans, advances Etc.	11	3,189,102	1,789,835
Miscellaneous Expenditure(to the extent not written off or adjusted)		Nil	Nil
TOTAL		4,753,555	3,575,124
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		



Financial Statements (Non-profit Organisations)
Name of Entity Central Zoo Authority
Income & Expenditure Account
for the year ended on 31.3.2009

Income	Schedule	Current Year	Previous Year
Income from Sales/Services	12	Nil	Nil
Grants/Subsidies	13	175,000,000	174,689,068
Fees/Subscriptions	14	22,200	14,900
Income from Investments (Income on Investment	15	Nil	Nil
From Earmarked/Endow.) Funds transferred to Funds		Nil	Nil
Income from Royalty, publication etc.	16	Nil	Nil
Interest Earned	17	Nil	Nil
Other Income	18	10,176	468
TOTAL (A)		175,032,376	174,704,436
EXPENDITURE			
Establishment Expenses	20	6,633,711	3,952,650
Other Administrative Expenses etc.	21	24,710,346	22,939,120
Expenditure on Grants, Subsidies etc.	22	142,713,391	146,474,236
Interest	23	Nil	Nil
Depreciation (Net Total at the year-end -Schedule 8)	8	306,897	624,253
TOTAL (B)		174,364,345	173,990,259
Excess of Income over Expenditure (A-B)		668,031	714,177
Transfer to Special Reserve (Specify each)		Nil	Nil
Transfer to/from General Reserve		Nil	Nil
Balance Being Surplus Carried to Corpus/ Capital Fund			714,177
Balance Being Deficit Carried to Corpus/ Capital Fund		Nil	Nil
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 31.03.2009
Schedule 1 - Corpus/capital Fund

	Current Year	Previous Year
Balance as at the beginning of the year	3,120,921	2,406,744
Add: Contributions towards Corpus/CZA Fund	Nil	Nil
Add: Balance of net income Transferred from the Income and Expenditure Account	668,031	714,177
Deduct: Balance of net expenditure	Nil	Nil
Transferred from the Income and Expenditure Account		
Balance as at the Year - End	3,788,952	3,120,921



Financial Statements (Non-profit Organisations)
Name of Entity Central Zoo Authority
Schedules Forming Part of Balance Sheet as at 31.03.2009
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	Nil
(iii) Security refundable	20,000	20,000
TOTAL (A)	20,000	20,000
B. PROVISIONS		
1. For Taxation	Nil	Nil
2. Gratuity	Nil	Nil
3. Superannuation/Pension	Nil	Nil
(i) Contribution to superannuation scheme	Nil	Nil
4. Accumulated Leave Encashment	Nil	Nil
5. Trade Warranties/Claims	Nil	Nil
6. Others (Specify)		
Telephone Charges Payable	10,573	17,260
Leave salary & Pension Contribution	934,030	416,943
Audit Fees Payable	Nil	Nil
TOTAL (B)	944,603	434,203
TOTAL (A+B)	964,603	454,203

FINANCIAL STATEMENT (NON - PROFIT ORGANISATIONS)
NAME OF ENTITY : CENTRAL ZOO AUTHORITY
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2009
Schedule 8 - Fixed Assets

Amounts in Rs.

DESCRIPTION	GROSS BLOCK		DEPRECIATION					NET BLOCK				
	Cost/value at the beginning of the year (a)	Additions during the year (b)	Deductions during the year (c)	Cost/value at the year end (d)	Depreciation Rate % (e)	On assets beginning of the year (f)	On additions during the year (g)		On Deductions during the year (h)	Total Up to the year-end (i)	As at the end of current year (d - f - g)	As at the end of previous year
							04/08-09/08	10/08-03/09				
Vehicle	146,095			146,095	15%	21,914	-	-	-	21,914	124,181	146,095
Furniture, Fixtures	1,163,850			1,163,850	10%	116,385	-	-	-	116,385	1,047,465	1,163,850
Office equipment	332,714	198,000	137,292	393,422	15%	25,679	-	14,850	24,228	64,757	328,665	332,714
Computer/peripherals	121,468	14,393	-	135,861	60%	72,881	-	-	4,318	77,199	58,662	121,468
Library Books	21,162	10,960	-	32,122	100%	21,162	-	-	5,480	26,642	5,480	21,162
Total for the Current Year	1,785,289			1,871,350		258,021	-	24,648	24,228	306,897	1,564,453	1,785,289
Previous Year	1,557,237	934,086	81,781	2409542		344,577		271,497	8,178	624,253	1,785,289	1,502,551





Financial Statements (Non-profit Organisations)
Name of Entity Central Zoo Authority
Schedules Forming Part of Balance Sheet as at 31.03.2009
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	2,815,914	1,387,535
- 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)	2,830,914	1,402,535



Financial Statements (Non-profit Organisations)
Name of Entity Central Zoo Authority
Schedules Forming Part of Balance Sheet as at 31.03.2009
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	350,188	129,300
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	Nil	250,000
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)	358,188	387,300
TOTAL (A + B)	3,189,102	1,789,835

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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 31.03.2009
Schedule 13 - Grants/subsidies

(Amount in Rs.)

(Irrevocable Grants & Subsidies Received)	Current Year	Previous Year
1. Central Government	175,000,000	170,000,000
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	175,000,000	170,000,000
Unspent balance of last year	Nil	4,689,068
TOTAL	175,000,000	174,689,068



Financial Statements (Non-profit Organisations)
Name of Entity Central Zoo Authority
Schedules Forming Part Income & Expenditure
For the Period/year ended 31.03.2009
Schedule 14 - Fees/subscriptions

(Amount in Rs.)

	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) Received from Zoos with application for Recognition/ Renewal	22,200	14,900
TOTAL	22,200	14,900



Form of Financial Statements (Non-profit Organisations)

Name of Entity Central Zoo Authority

Schedules Forming Part of Income & Expenditure

For the Period / Year ended 31.03.2009

Schedule 21- Other Administrative Expenses etc.

(Amount in Rs.)

	Current Year	Previous Year
a. Purchases (Stationary)	256,002	189,189
b. Conveyance and Cartage	151,117	41,170
c. Repairs and maintenance	168,135	690,774
d Vehicles Running Expenses	270,968	281,396
e. Vehicals Maintenance	77,679	77,546
f. Postage, Telephone and Communication Charges (Provision of Rs. 10,573)	1,367,050	571,904
g. Printing, Publication and Periodicals	1,723,044	3,434,959
h. Travelling Expenses	1,695,524	842,425
i. Legal Expenses	4,000	100
j. Hospitality Expenses	95,459	56,287
k. Advertisement and Publicity		918,783
l. Audit Fees		
m. Others (specify)		
Bank Charges	107	101
Other Office expenses	1,256,252	1,749,902
Membership fees	3,260,970	134,614
Dificit on sale of unusable assets	137,292	81,781
TOTAL (I)	10,463,599	9,070,931
II. Payments Against Various Projects		
Expenses on Training, Workshop & Conferences	8,805,831	8,579,480
Expesnes on Research Projects	4,829,105	4,861,000
Monitoring & Evaluation Of Zoos	611,811	264,709
Ex-Gratia Payment to closed Mobile Zoos		
Transportation Of Animals		163,000
TOTAL (II)	14,246,747	13,868,189
III. Unspent balance of GIA refundable to Ministry		
TOTAL (I+II)	24,710,346	22,939,120

** Provisions of Telephone charges accrued during the year 2008-09 but will be paid during 2009-10



Form of Financial Statements (Non-profit Organisations)
Name of Entity Central Zoo Authority
Schedules Forming Part of Income & Expenditure
For the Period/year ended 31.3.2009
Schedule 20 - Establishment Expenses

(Amount in Rs.)

	Current Year	Previous Year
a) Salaries and Wages	5,456,014	3,427,573
b) Allowances and Bonus	35528	19,736
c) Contribution to Provident Fund	Nil	Nil
d) Contribution to Other Fund (specify) Superannuation Scheme	170447	107,624
e) Staff Welfare Expenses	310020	176,866
f) Expenses on Employees' Retirement & Terminal Benefits	Nil	Nil
g) Others (specify) Leave Salary & Pension Contributions	661702	220,851
TOTAL	6633711	3,952,650



Form of Financial Statements (Non-profit Organisations)
Name of Entity Central Zoo Authority
Schedules Forming Part of Income & Expenditure
For the Period / Year ended 31.03.2009
Schedule 21- Other Administrative Expenses etc.

(Amount in Rs.)

	Current Year	Previous Year
a. Purchases (Stationary)	256,002	189,189
b. Conveyance and Cartage	151,117	41,170
c. Repairs and maintenance	168,135	690,774
d. Vehicles Running Expenses	270,968	281,396
e. Vehicals Maintenance	77,679	77,546
f. Postage, Telephone and Communication Charges (Provision of Rs. 10,573)	1,367,050	571,904
g. Printing, Publication and Periodicals	1,723,044	3,434,959
h. Travelling Expenses	1,695,524	842,425
i. Legal Expenses	4,000	100
j. Hospitality Expenses	95,459	56,287
k. Advertisement and Publicity		918,783
l. Audit Fees		
m. Others (specify)		
Bank Charges	107	101
Other Office expenses	1,256,252	1,749,902
Membership fees	3,260,970	134,614
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Expesnes on Research Projects	4,829,105	4,861,000
Monitoring & Evaluation Of Zoos	611,811	264,709
Ex-Gratia Payment to closed Mobile Zoos		
Transportation Of Animals		163,000
TOTAL (II)	14,246,747	13,868,189
III. Unspent balance of GIA refundable to Ministry		
TOTAL (I+II)	24,710,346	22,939,120

** Provisions of Telephone charges accrued during the year 2008-09 but will be paid during 2009-10



Financial Statements (Non-profit Organisations)
Name of Entity Central Zoo Authority
Schedules Forming Part of Income & Expenditure
for the Period/year ended 31.3.2009
Schedule 22- Expenditure on Grants, Subsidies etc.

(Amount in Rs.)

	Current Year	Previous Year
a. Grant given to Institutions/Organisations Grant released to various zoos	142,713,391	146,474,236
Unspent grants-in-aid refundable to ministry	Nil	Nil
b. Subsidies given to Institutions/Organisations	Nil	Nil
TOTAL	142,713,391	146,474,236

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केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority



Form of Financial Statements (Non-profit Organisations)
Name of Entity Central Zoo Authority
Receipts and Payments for the Period/year ended 31.3.2009

Receipts	Amount in Rupees			
	Current Year	Previous Year	Current Year	Previous Year
I. Opening Balances				
(a) Cash in Hand			61,16,624	3,903,793
Imprest	15,000	15,000		
(b) Bank Balances			100,89,294	9,257,674
i) In current accounts	1,387,535	3,968,945		
ii) In deposit accounts	Nil	Nil		
iii) Savings accounts	Nil	Nil		
II. Grants Received				
(a) From Government of India	175,000,000	170,000,000		
(b) From State Government	Nil	Nil		
(c) From other sources (details) (Grants for capital & revenue exp. To be shown separately)	Nil	Nil	142,713,391	146,474,236
			611,811	264,709
			4,829,105	4,861,000



				iv) Training, Workshop Conference	8,805,831	8,579,480
				v) Education & Awareness		NIL
				vi) Exgratia payment to closed mobile zoos		NIL
				vii) Transportation of Animals		163,000
III. Income on Investments from				III. Investments & deposit made		
(a) Earmarked/Endow Funds				(a) Out of Earmarked/Endowment funds		NIL
(b) Own Funds (Oth. Investment)				(b) Out of own funds (Investments-Others)		NIL
IV. Interest Received				IV. Expenditure on fixed Assets & capital work-in-progress		
(a) On bank deposits				(a) Purchase of fixed assets	223,353	934,086
(b) Loans, Advances etc.				(b) Expenditure on capital work- in-progress		NIL
V. Other Income (Specify)				V. Refund of surplus money/loans		
Fees received from Zoos with Application of Recognition	22,200		14,900	(a) to the Government of India		NIL
Fees received from Application under RTI	2,570		468	(b) to the State Government		NIL
VI. Amount Borrowed				(c) to other providers of funds		NIL
VII. Any other receipts (give details)				VI. Finance Charges (Interest)		NIL
(a) Misc. Receipts	7,606			VII Other Payments (Specify)		
				(a) Payment of TDS	239,842	119,257

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(i) Unspent balance of Advance refunded by CPWD									NIL
(b) Interest on Scooter Adv.									NIL
(c) Security deposit	20,000			20,000					
Contd./.....									
(d) Recovery of Advances	33,712			22,500				254,600	10,500
(e) Recovery of TDS	239,842			119,257				526,780	371,090
(f) Staff car recovery	6,300			4,200					
(g) License fee	Nil			NIL					
(h) Recovery from pay bills, adjustable by other Departments	526,780			371,090					
(i) Sale proceed of assets	Nil			NIL					
(j) GIA refunded	Nil			1,805,000					
(k) Leave salary & Pension contribution payment made last yer received back	1,406,576			NIL			VIII. Closing Balances		
							(a) Cash in Hand		
							Imprest	15000	15,000
							(b) Bank Balances		Nil
							(i) In current accounts	2815914	1,387,535
							(ii) In deposit accounts		Nil
							(iii) Savings accounts		Nil
TOTAL	177,241,545			176,341,360				177,241,545	176,341,360



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 which includes freight, duties and taxes relating to their 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 Sept. 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, 2009 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. 7.37 lakh was accumulated as of March 2009.



Separate Audit Report of the Comptroller and Auditor General of India on the Accounts of Central Zoo Authority for the year ended 31 March 2009

We have audited the attached Balance Sheet of Central Zoo Authority (CZA) as on 31 March, 2009, 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-cum-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 estimate 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

The Ministry of Environment and Forests released Rs. 6.30 lakh to the Authority for organizing "International Conference of 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. I & E A/c

Overstatement of income

An amount of Rs. 223353 was incurred on purchase of fixed assets however the same was not deducted from the total grant received in Income and Expenditure A/c resulting in overstatement of income and surplus (excess of income over expenditure) to this extent.

C. R & P A/c

Not Security Deposit of Rs. 20000/- was received during the year 2008-09 however Rs 20000/- was shown as receipt against security deposit in R&P A/c which has resulted in overstatement of receipt. The authority admitted (August 2009) the fact for future compliance.

D. Grand in aid

Out of the grant in aid of Rs. 17.50 crore received during the years, the organization utilized a sum of Rs. 17.65 crore as on 31st March 2009. The excess expenditure of Rs. 0.15 crore was met from the unspent balance of previous years.

E. 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 statement read together with the Accounting Policies and Notes on Accounts, and subject to the significance 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 related to the Balance Sheets, of the state of affairs of the Central Zoo Authority as at 31 March 2009; 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&AG of India

Place : New Delhi

Date: 27.10.2009

- Sd -

Principal Director of Audit



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 system.

- (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 transaction. The cash of the Authority for the year 2008-09 was not found physically verified periodically by a Senior Officer who was not associated with the custody or recording of such transaction.

- (iii) **System of physical verification of inventory**

Physical verification of library books was not conducted.

- (iv) **Regularity in payment of statutory dues**

The Central Zoo Authority was regular in depositing undisputed statutory dues.

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