

Annual Report

2010 - 2011



Central Zoo Authority
केन्द्रीय चिड़ियाघर प्राधिकरण

(A Statutory Body under the Ministry of Environment and Forests, Government of India)

From the Desk of Member Secretary

The Central Zoo Authority (CZA), a statutory body under the Ministry of Environment & Forests, Government of India was constituted in 1992 under the provision of Wild Life (Protection) Act, 1972 to oversee the functioning of zoos in India and provide them technical assistance. In addition to this, bring to an end of mushrooming of the new zoos in India was another objective. Raising existing standard of animals' upkeep and veterinary care in zoos has been prime concern for the CZA.

The CZA formulated Recognition of Zoo Rules, 1992 to ensure the well being of animals in the captivity subsequently replaced by the Recognition of Zoo Rules, 2009 to provide more facilitation to zoos in management activities. National Zoo Policy, 1998 and Guidelines on Scientific Management of Zoo was also formulated to give the right direction to zoos to ensure scientific management and thrust to the national effort in wildlife conservation through ex-situ wildlife conservation.

The publication of annual report is the annual affair and mandatory practice of the CZA and report is placed before the members in parliament for observation and then it is circulated to the zoos. The annual report provides the glimpse of the activities which were carried out by the authority during the financial year.

Different committees are constituted by the CZA to assist in performing the duties and its mandated functions. Administrative Committee, Technical Committee and Expert Group on Zoo Designing are regular features of the CZA but due to latest development in conservation breeding, elephant welfare and other aspects of zoo management; Expert Group on Conservation Breeding, Appraisal Committee for elephants housed in Zoos, Standing Group of Technical Committee and Subcommittee to prepare guidelines on Exotic animals were also formed to assist CZA. Functions of these committees and CZA are regulated by the governing body i.e. Central Zoo Authority, which is chaired by the Hon'ble Minister of State (IC), Environment & Forests, Government of India and Member Secretary as Chief Executive Officer (CEO).

Apart from the other regular functions carried out by this authority during the year, meetings of the Expert Group on Zoo Designing with Zoo directors to finalize the master plan of respective zoos, signing on MoU with wildlife Reserve Singapore and approval of restructuring of CZA by the competent authorities were significant events which will have long lasting impacts on management of zoos in India.

I am happy to place the account of CZA functions including budgetary details in public domain as approved by Chairperson, CZA on recommendation of Technical Committee and do acknowledge the hard work of CZA team in exercising their duties and contribution of Wildlife Institute of India of Dehradun in editing and formatting of annual report.



(B.S. Bonal)

(B.S. Bonal)

Member Secretary
Central Zoo Authority

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1. Introduction

The Central Zoo Authority is a statutory body under the Ministry of Environment & Forests, established by the Government of India in the year 1992 through an amendment (1991) in the Wildlife (Protection) Act, 1972. A separate chapter (Chapter IVA, Section 38 A to 38 J) was added to the Act for establishment of Central Zoo Authority and recognition of zoos in India. The Indian Board for Wildlife re-constituted its Zoo Wing as 'the Expert Group on Zoos' in its 9th session held on November 18, 1972 at New Delhi to make detailed study for setting up and maintenance of zoos in the country. The Expert Group on Zoos submitted its report in June, 1973 which was accepted by the Board in November, 1973. The report recommended setting up of a central agency (Zoo Grants Commission) and to give effect to this, Wildlife (Protection) Act, 1972 was amended and CZA was established.

1.1 Vision

Zoo will have healthy animals in eco-system based naturalistic enclosure, supportive to in-situ conservation with competent and contented staff, good educational and interpretative facilities, the support of people and be self sufficient.



Clouded leopard - PNHZP, Darjeeling



Clouded leopard - PNHZP, Darjeeling

1.2 Mission

The Central Zoo Authority's mission is to provide better upkeep and veterinary care to the wild animal housed in zoos in India to ensure their conservation through best practices of management and bringing education & awareness among the people.



Bengal tiger - NZP, Hyderabad

1.3 Objective

The main objective is to

- a. Enforce minimum standards and norms for upkeep and healthcare of animals in Indian zoos and
- b. Control mushrooming of unplanned and ill-conceived zoos

1.4 Functions

Zoos in India are regulated under the provisions of the Wildlife (Protection) Act, 1972 and are guided by the National Zoo Policy, 1998. The Central Zoo Authority, Government of India formulated Recognition of Zoo Rules, 1992 which were revised as Recognition of Zoo Rules, 2009 that were aimed at fixing 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 Wildlife (Protection) Act, 1972 are:

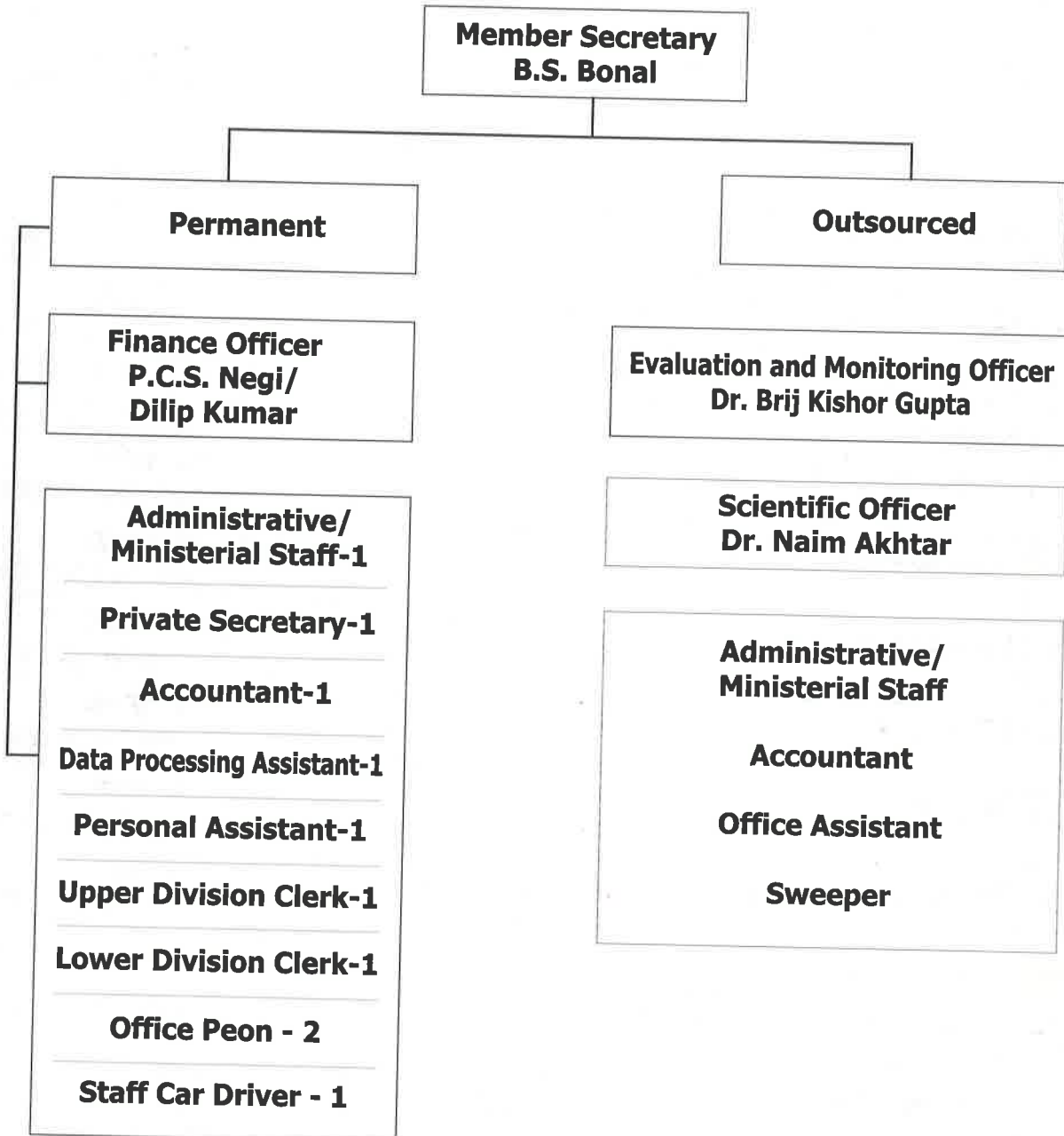
- (a) To specify the minimum standards for housing, upkeep and veterinary care of the animals kept in zoos;
- (b) To evaluate and assess the functioning of the zoos with respect to the prescribed standards or norms;
- (c) To recognise or derecognise zoos;
- (d) To identify endangered species of wild 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.



Capped langur - Sepahijala Zoo

2.0 Governance

Organizational Chart of Central Zoo Authority



The establishment of CZA comprises of 16 regular/contractual scientific/administrative personnel to assist the Member Secretary in discharge of his duties.

Sl. No.	Name of the post	Name of the incumbent	Pay-Band/Salary (Amount in Rs.)
Permanent basis			
1.	Member Secretary	Shri B.S. Bonal (1st January 2010 onwards)	37400-67000 (Grade Pay Rs.10000)
2.	Finance Officer	Shri P.C.S. Negi (till 9th September 2010) Shri Dilip Kumar (since 15th November 2010)	15600-39100 (Grade Pay Rs.5400)
3.	Private Secretary	Smt. Seema Burreja	9300-34800 (Grade Pay Rs.4600)
4.	Accountant	Shri R.S. Rawat (On deputation since 10th September 2009)	9300-34800 (Grade Pay Rs.4200)
5.	Data Processing Assistant	Shri Vivek Goel	9300-34800 (Grade Pay Rs.4600)
6.	Personal Assistant	Mrs. Neeti Gulati	9300-34800 (Grade Pay Rs.4600)
7.	Upper Division Clerk	Shri. Suresh Sharma	5200-20200 (Grade Pay Rs.2400)
8.	Lower Division Clerk	Shri Thakur Dass	5200-20200 (Grade Pay Rs.1900)
9.	Office Peon	Shri P.K. Jha	5200-20200 (Grade Pay Rs. 1900)
10.	Office Peon	Shri Gopal Swami	4440-7440 (Grade Pay Rs.1800)
11.	Staff Car Driver	Shri Hari Singh Bhandari	5200-20200 (Grade Pay Rs.2400)
Outsourced basis			
12.	Evaluation and Monitoring Officer	Dr. Brij Kishor Gupta	Rs.37,500/-
13.	Scientific Officer	Dr. Naim Akhtar	Rs.31,600/-
14.	Accountant	Shri S.N. Dhaulakhandi	Rs. 15,500/-
15.	Office Assistant	Ms. Madhu Bala	Rs. 15,200/-
16.	Office Assistant	Smt. Neeta Atal	Rs. 14,100/-
17.	Sweeper	Smt. Radha	Rs. 5900/-

2.1 Governing Body

The governing body of Central Zoo Authority comprises of twelve members with the Minister of State for Environment & Forests (Independent Charge) as its ex-officio Chairperson. The board was reconstituted for the 7th time in October 2010 for a period of three years vide Gazette Notification No. 2177 dated 18th October 2010 and appointed the following members with the Member Secretary as the Chief Executive Officer of the Authority.

- | | |
|---|-----------------------------|
| 1. Minister of State (Independent Charge)
for Environment & Forests, 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. Sh. S.K. Patnaik
Retd. Chief Wildlife Warden, Bhubaneswar, Odisha, India | 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

Member Secretary
Central Zoo Authority
New Delhi

The 24th and 25th meetings of the Central Zoo Authority were chaired by Sri Jairam Ramesh, Hon'ble Minister of Environment & Forests (Independent Charge) on June 10, 2010 and November 11, 2010 respectively during the period of the report.

2.2 Administrative Committee

A Sub-group, namely, Administrative Committee (to deal with the administrative and budgetary issues) of the Central Zoo Authority was constituted with the approval of the Minister of State (Independent Charge), Environment & Forests and Chairman, Central Zoo Authority vide order No. 19-8/92-CZA(Vol. III)(M) dated 09.11.2010 with the following composition and terms of reference:

- | | |
|---|-------------|
| 1. Director General of Forests
& Special Secretary, Ministry of Environment & Forests
Government of India, New Delhi | Chairperson |
| 2. Addl. Director General of Forests (WL)
and Director, Wildlife Preservation
Ministry of Environment & Forests, Government of India, New Delhi | Member |
| 3. Addl. Secretary and Financial Adviser
Ministry of Environment & Forests
Government of India, New Delhi Or his representative | Member |
| 4. Joint Secretary (Admn.)
(Incharge, General Administration)
Ministry of Environment & Forests, Government of India, New Delhi | Member |
| 5. Member Secretary
Central Zoo Authority | Convener |

The main functions of the Administrative Committee are:

- (a) To screen and approve the proposals regarding creation of posts and upgradation of existing posts in the Authority.
- (b) To approve proposals for awarding consultancies, outsourcing of services/ manpower and contract appointments to Group 'A' posts.
- (c) To approve annual budget of the Central Zoo Authority.
- (d) Any other matter referred to it by the Central Zoo Authority.

The period of term of the Administrative Committee will be coterminous with the Central Zoo Authority constituted on October 18, 2010 for a period of three years.



Great hornbill

2.3 Technical Committee

The Technical Committee of the Central Zoo Authority was reconstituted with the approval of the Minister of State (Independent Charge) and Chairperson, Central Zoo Authority vide order No. 19-8/92-CZA(Vol.III)(M) dated 09.11.2010 with following composition and terms of reference:

- | | |
|--|-------------|
| 1. Additional Director General of Forests (Wildlife) and Director, Wildlife Preservation, Ministry of Environment & Forests Government of India, New Delhi | Chairperson |
| 2. Addl. Secretary and Financial Adviser Ministry of Environment & Forests Government of India, New Delhi Or his representative | Member |
| 3. Director Wildlife Institute of India Dehradun, Uttarakhand | Member |
| 4. Director Indian Veterinary Research Institute Bareilly, Uttar Pradesh | Member |
| 5. Sh. S.K. Patnaik Retd. Chief Wildlife Warden, Orissa Bhubaneswar | Member |
| 6. Dr. Erach K. Bharucha Director Bharti Vidyapeeth Institute of Environment Education and Research Pune, Maharashtra | Member |
| 7. Shri Kartick Satyanarayan Wildlife SOS, New Delhi | Member |
| 8. Dr. Vibhu Prakash Bombay Natural History Society | Member |
| 9. Sh. B.S. Bonal Convener Member Secretary, Central Zoo Authority New Delhi | Mumbai |

The main functions of the Technical Committee would be:

- (a) To make recommendations regarding specifying the minimum standards for housing, upkeep and veterinary care of the animals kept in a Zoo;
- (b) To approve the grant of recognition or de-recognition to the Zoos and to make recommendations for the applications received for the creation of new Zoos;
- (c) Identify endangered species of wild animals for purpose of captive breeding and assigning responsibility in this regard to a Zoo;
- (d) To make recommendations regarding exchange of animals with foreign Zoos, accepting gift of animals from foreign Zoos and to gift animals to foreign Zoos;
- (e) To approve exchange of animals which are part of coordinated conservation breeding programme among Indian Zoos;
- (f) Identify priorities, themes and approval of Master Plan with regard to display of captive animals in a Zoo;
- (g) To approve proposals for organizing training programmes, workshops and meeting in India on various aspects of Zoo management;
- (h) To approve research projects on issues related with the Zoos for funding by the Authority;
- (i) Provide technical assistance to Zoos for their proper management and development on scientific lines;
- (j) To approve proposals for release of financial assistance to various Zoos and other organizations; and
- (k) Any other function that may be assigned to it by the Central Zoo Authority.

The period of term of the Technical Committee will be coterminous with the Central Zoo Authority constituted on October 18, 2010 for a period of three years.

The 54th, 55th, 56th and 57th Meetings of the Technical Committee of CZA were held on 24th June, 24th September, 22nd December 2010 and 24th March 2011 respectively, wherein various agenda items and recommendations of the committees were considered.

2.4 Expert Group on Zoo Designing

The expert group on zoo designing was reconstituted by the Addl. DGF(WL)/ Director, Wildlife Preservation and Chairperson, Technical Committee, CZA, as per the mechanism approved by the Minister of State (Independent Charge) and Chairperson, CZA vide this office order F. No. 19-8/92-CZA(Vol.III)(M) dt. 03.11.2010 with following composition and terms of reference:

- | | |
|--|--------|
| 1. Shri S.C. Sharma
Retd, Addl. DGF (WL),(Leader of Sub-group I)
411, New Delhi Apartments, Plot No. 7
Vasundhara Enclave, Delhi – 96 | Member |
| 2. Shri S.K. Patnaik
Retd. CWLW (WL), Government of Orissa
(Leader of Sub-group II)81, Fishery Lane,Budheswari Colony
Bhubaneswar – 751 006 (Orissa) | Member |
| 3. Shri R.S. Bhadauria, IFS
Retd. PCCF (Uttar Pradesh) (Leader of Sub-group III)
B-116, Indira Nagar, Lucknow – 243 403 | Member |
| 4. Shri A.S. Dogra
Retd. PCCF (Punjab)
(Leader of Sub-group IV)H. No. 256
Sector 37-A, Chandigarh (Punjab) | Member |
| 5. Shri Kartick Satyanarayan
Wildlife S.O.S.
D-210, Defence Colony, New Delhi – 24 | Member |
| 6. Prof. (Dr.) Surinder Suneja
Department of Landscape Architecture
School of Planning & Architecture
4, Block B, Indraprastha Estate,New Delhi – 110 002 | Member |
| 7. Prof. (Dr.) Rommel Mehta
Department of Landscape Architecture,
School of Planning & Architecture, Block -4,
Indraprastha Estate, New Delhi– 110 002 | Member |



8. CCU (Chief Engineer) Member
Ministry of Environment & Forests,
Room No. 728, 7th Floor
CGO Complex, Paryavaran Bhawan,
Lodhi Road, New Delhi – 110 001
9. Prof. M. Shaheer Member
(Retd.) Head, Department of Landscape Architecture
School of Planning & Architecture
Residence of 168/7, 2nd Floor Sarai Julena,
Okhla Road, New Delhi – 110 025
10. Dr. Brij Kishor Gupta Member
Zoo Biologist,
C-280, Beta – I,
Greater Noida – 201 308
Uttar Pradesh
11. Sh. Himanshu Malhotra Member
Wildlife Filmmaker,
Environmentalist
C-50, Defence Colony,
New Delhi – 110 024

Member

12. Dr. A.K. Malhotra
F 801, Neel Padam 1,
Vaishali, Sector-5,
Ghaziabad – 201 010

Convener

13. Sh. B. S. Bonal
Member Secretary Central Zoo Authority,
New Delhi

The terms of reference of the said Expert Group are:

1. To scrutinise, suggest improvements, changes and make recommendations (to the Technical Committee) in the proposed master (layout) plan & master plan submitted by the various zoos.
2. To scrutinise, suggest improvements/changes and approve/disapprove the designs of animal enclosures submitted by various zoos.
3. To suggest standards and norms for designing of animal enclosures for various zoos.

The Expert Group on Zoo Designing of CZA held its 14th, 15th, 16th, 17th, 18th, 19th and 20th Meetings on 5th April, 26th April, 17th June, 9th August, 18th December, 2010 and 1st February 2011 & 16th March, 2011 respectively. The Expert Group was divided in four sub-groups in order to oversee the Master Plan of the zoos of four different regions to expedite scrutiny of Master Plan/Master (layout) Plan and animal exhibit designs.



Spectacle monkey - Photo Dr. Atul Gupta

2.5 Appraisal Committee for Examining the Housing Facilities Provided to the Elephants in Zoos



Himalayan monal in Zoo - Manali

An appraisal committee was reconstituted with the approval of ADGF (WL) MoEF, Government of India and Chairperson of the technical committee of the CZA for examining the proposals received from Chief Wildlife Warden and Zoo Director for exemption of transfer of elephants on the grounds of their health, availability of large sized naturalistic enclosures and lack of proper facility in Protected Areas. This was with reference to the advisory issued by CZA dated 7th November, 2009 for transfer of elephants from zoos to elephant camps/rehabilitation camps/facilities available with forest departments at national park/wildlife sanctuary / tiger reserve for departmental use. In order to examine such requests, an appraisal committee was constituted on 18th May, 2010

vide letter F. No. 26-1/2010-CZA (M) with the following members:

- (i) Shri Kartick Satyanarayan, Member, Central Zoo Authority, New Delhi
- (ii) Mrs. Suparna Bakshi-Ganguly
Compassion Unlimited Plus Action (CUPA), Bangalore
- (iii) Dr. B.K. Gogoi, Veterinary Officer, Assam State Zoo, Guwahati
- (iv) Member Secretary, CZA or his representative

The committee would examine the proposals referred to it and submit its report to the Authority. The tenure of the committee was for a period of six months has been further extended from the date of issue of this order.

2.6 Expert Group on Conservation Breeding

An expert group was constituted for revising and preparing detailed guidelines on Conservation Breeding vide this office order F.No. 24-6/2007-CZA (M) dated 11.10.2010 with the following members and term of reference:

A. Composition of the Committee

- | | |
|---|-----------------|
| 1. Shri. B.S. Bonal
Member Secretary, Central Zoo Authority
Tel. No. 09868100169 | Member/Convener |
| 2. Director
Or his representative,
Wildlife Institute of India
PB No. 18, Chandrabani,
Dehradun – 248 001 (Uttarakhand) | Member |
| 3. Dr. B.R. Sharma
511, Sky Lark Apartment,
Sector – 6, Dwarka, New Delhi
Mob. No. 9582131124 | Member |
| 4. Dr. Vibhu Prakash
Principal Scientist,
Bombay Natural History Society
Vulture Conservation Breeding Programme
B-3, Forest Complex, Pinjore – 134 102 (Haryana) | Member |
| 5. Dr. Gautam Narayan
Project Officer, Pigmy Hog Conservation Programme
Research & Breeding Centre,
Indira Nagar, Basistha
Guwahati – 781 029 (Assam) | Member |

Special Invitee

Shri Kartick Satyanarayan
Wildlife S.O.S. D - 210
Defence Colony, New Delhi – 24



Asiatic elephant

B. Terms of Reference

1. To develop a document on detail guidelines to zoos for the Conservation Breeding Programme (species specific and general) covering ex-situ and in-situ components including pattern of funding, site selection, collaboration with institutions, monitoring etc. inter alia with the concept paper and guidelines/norms developed by the CZA and recommendations of the International Conference on India's Conservation Breeding Initiative. Review of the ongoing Conservation Breeding Programme.
2. Critical evaluation of the Conservation Breeding Centres funded by the CZA.
3. Review and prioritization of the species identified under the conservation breeding programme.
4. Pattern of financial assistance to be provided zoos by the CZA for the conservation breeding.

5. To identify zoos for maintaining national studbooks.
6. Any other aspects.

The Expert Group may also invite the representatives from Laboratory for Conservation of Endangered Species (LaCONES), Hyderabad and Indian Veterinary Research Institute, Bareilly and such other institutions, which may be deemed to be fit for identifying the areas or issues of conservation breeding. The Expert Group shall hold meetings as and when required.

The committee held its meetings at Delhi on 24th November, 2010; 24th March, 2011 & 2nd June, 2011 and discussed the Conservation Breeding Programme being initiated by the CZA for the conservation of endangered species in the zoos.

2.7. Standing Group of Technical Committee

The Technical Committee in its 57th Meeting held on 24th March, 2011, decided to constitute a standing group comprising of Shri S.K. Patnaik as Chairperson, Shri Kartick Satyanarayan as Convener and Shri P.C. Tyagi and Dr. Vibhu Prakash as members to elaborate the guidelines prepared by the CZA on the following subjects:

- (i) Mobilizing corporate financial support to zoos;



Bengal Tiger - Lucknow Zoological Park

- (ii) Engagement of volunteers in zoos for better management; and
- (iii) Protocol for transport of animals.

2.8 Constitution of a Sub-committee to prepare guidelines

The Technical Committee in its 57th Meeting held on 24th March, 2011, decided to constitute a subcommittee of technical committee with following composition and terms of reference:

1. Shri S.K. Patnaik
81, Fishery Lane, Budheswari Colony
Bhubaneswar – 751 006 (Orissa)

2. Shri S.C. Sharma
411, New Delhi Apartments, Plot No.
7 Vasundhara Enclave Delhi – 96
3. Dr. Brij Kishor Gupta
C-280, Beta-I, Greater Noida -
201308

The main functions of the Sub-committee would be:

- (i) To provide details on minimum dimension for feeding retiring cubicles and paddock area for housing of various exotic species in Indian Zoos.
- (ii) To suggest whether the minimum dimension as prescribed by the Central Zoo Authority for similar Indian species could be followed, if so, the extent.

3.0 Restructuring of Central Zoo Authority

3.1 Up-gradation of the Post of Member Secretary

The Government of India had approved the upgrading the post of Member Secretary from CCF level (Rs.37400-67000, Grade pay Rs. 10,000) to Addl. PCCF level (Rs. 67000-79000) for better coordination and control at national level.

3.2 Strengthening of CZA

To strengthen the Central Zoo Authority, the Ministry of Environment & Forest, Govt. of India has notified the strengthening of the CZA vide the Gazette of India, No. 437, Extraordinary, Part II-Section 3- Subsection (ii) dated March 11, 2011 with the following details:

Creation of four regional offices of the CZA at Jaipur, Nagpur, Guwahati and Hyderabad involving creation of four posts of DIG on regular basis, and twenty posts below Pay Band 4 on outsourcing basis, to man the regional offices.

3.2.1 Creation of four regional offices of the CZA

1) Regional Office, CZA at Jaipur, will be headed by the Deputy Inspector General and will have jurisdiction over zoos of Trans Himalayan, Western Himalaya and

Gangetic Planes, Desert and Semi Arid Region covering 45 zoos of J&K, Himachal Pradesh, Uttrakhand, Delhi, Rajasthan, Haryana, Punjab & Uttar Pradesh. The DIG will be assisted by one Private Secretary, one Consultant Veterinarian, one IT Assistant, one Driver and one Office Peon on outsourcing basis.

2) Regional Office, CZA at Nagpur, will be headed by the Deputy Inspector General and will have jurisdiction over zoos of Central High Lands and Deccan Plateau covering 45 zoos of Maharashtra, Karnataka, Gujarat, Goa, Madhya Pradesh and Dadar & Nagar Haveli and Chattisgarh. The DIG will be assisted by one Private Secretary, one Consultant Veterinarian, one IT Assistant, one Driver and one Office Peon on outsourcing basis.

3) Regional Office, CZA at Guwahati, will be headed by the Deputy Inspector General and will have jurisdiction over zoos of Eastern Himalayan, North East and Gangetic Plane covering 38 zoos of Mizoram, Manipur, Nagaland, Assam, Tripura, Meghalaya, Sikkim, West Bengal, Bihar and Jharkhand. The DIG will be assisted by one Private Secretary, one Consultant Veterinarian, one IT Assistant, one Driver and one Office Peon on outsourcing basis.

4) Regional Office, CZA at Hyderabad, will be headed by the Deputy Inspector General and will have

jurisdiction over zoos of Konkan Coast, Western Ghats, Malabar coast, Eastern Ghats, Coromandel Coast, Andaman & Nicobar Islands covering of 47 zoos of Andhra Pradesh, Kerala, Orissa, Tamil Nadu, Andaman & Nicobar. The DIG will be assisted by one Private Secretary, one Consultant Veterinarian, one IT Assistant, one Driver and one Office Peon on outsourcing basis.

The proposed regional offices would

be mandated to assist the CZA, New Delhi in implementation of its advisories, evaluation and monitoring of ongoing projects besides attending to day-to-day development in the zoos, enforcement along with coordination with various government departments, local civic bodies, NGOs and conservationists etc. These offices would be under the direct administrative control of Member Secretary, CZA, Government of India, New Delhi

3.2.2 Strengthening the staff structure at headquarter

As per aforesaid notification following technical and scientific post have been created:-

Sl. No.	Name of the Post	Pay Band	Basic Pay	Grade Pay	No. of posts	Mode of recruitment
1.	Deputy Inspector General	PB-4	37400-67000	8900	5	Deputation
2.	Evaluation & Monitoring Officer	PB-3	15600-39100	6600	1	Deputation/Direct
3.	Scientific Officer	PB-3	15600-39100	5400	2	Deputation/Direct
4.	Evaluation & Monitoring Assistant (EMA)	PB-2	9300-34800	4200	1	Deputation/Direct Monitoring
5.	Technical Assistant Direct (TA)	PB-1	5200-20200	2800	1	Deputation/Direct
6.	Law Officer				1	Outsource basis
7.	PS to DIG				1	Outsource basis
8.	Consultant veterinarian				1	Outsource basis
9.	I. T. Assistant				1	Outsource basis
10.	Peon				1	Outsource basis

One post of Law Officer would be engaged in CZA headquarter on outsourcing basis, who would be mandated with the matter related to the various court cases, which has been increasing over the period consequent upon regulatory nature of work of the Authority, such as closing/ de-recognition of zoos and to deal with other legal matters of the Authority.

4.0 Functioning of the CZA

4.1 Technical Evaluation and Grant of Recognition to Zoos

The Central Zoo Authority granted renewal of recognition to 67 zoos & Rescue Centre during the year 2010-11 as per the details given below:

S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Recognition valid upto
1.	Andaman & Nicobar Islands	Biological Park, Chidiyatapu	Dr. Mohan Lal Smith and Mr. D. M. Singh	31.05.2013
2.	Andhra Pradesh	Visakha Society for Protection and Care of Animal, Visakhapatnam	Dr. Abijit Biswas	31.01.2013
3.	Andhra Pradesh	Deer Park, Tirumala Hills, Chittoor District	Sh. Kartick Satyanarayan and Dr. Brij Kishor Gupta	31.10.2012
4.	Andhra Pradesh	Deer Park, Satyam Technology, R.R. District	Sh. B.S. Bonal	31.10.2012
5.	Andhra Pradesh	Sanghi Mini Zoo, Hyderabad	Dr. N. Krishna Kumar	31.10.2012
6.	Andhra Pradesh	Jawaharlal Lake Tourism Complex - Deer Park, Shameerpet, Hyderabad	Dr. N. Krishna Kumar	31.10.2012
7.	Andhra Pradesh	Himayath Sagar Mini Zoo, Ranga Reddy District	Sh. B.S. Bonal	31.10.2012
8.	Andhra Pradesh	Karuna Society for Animals and Nature, Beedupall	Sh. Kartick Satyanarayan and Dr. Brij Kishor Gupta	31.10.2012
9.	Andhra Pradesh	Indira Gandhi Zoological Park, Visakhapatnam	Sh. Kartick Satyanarayan and Dr. Brij Kishor Gupta	31.05.2013
10.	Andhra Pradesh	Kandaluru Deer Park, Kandaluru	Sh. A.K. Jha	31.08.2012
11.	Andhra Pradesh	Deer Park, Chittoor	Sh. A.K. Jha	31.08.2012
12.	Assam	Bijni Deer Park, Bijni, Distt. Chirang	Sh. S. Bhattacharyya	31.12.2012
13.	Assam	Centre for Wildlife Rehabilitation and Conservation (CWRC)	Dr. Gautam Narayan	31.10.2012
14.	Chhattisgarh	Kanan Pendari Zoo, Bilaspur	Sh. Bipul Chakraborty	30.04.2014

15.	Chhattisgarh	Maitri Baag Zoo, Bhilai	Sh. Bipul Chakraborty	30.04.2014
16.	Chhattisgarh	Nandan Van Zoo, Raipur	Sh. Bipul chakraborty	30.04.2014
17.	Dadra & Nagar Haveli	Vasona Lion Safari, Vasona	Sh. Jagmohan Sharma	31.01.2013
18.	Delhi	National Zoological Park, Delhi	Dr. L.N. Acharjyo & Dr. Brij Kishor Gupta	31.10.2014
19.	Delhi	A.N. Jha Deer Park, Hauz Khas	Sh. B.S. Bonal	31.07.2011
20.	Gujarat	Dr. Shayama Prasad Mukherjee Zoological Gardens, Surat	Sh. H. Malhotra, Sh. R. Mehta and Sh. S.K. Patnaik	30.04.2013
21.	Gujarat	Sundervan Mini Zoo, Jodhpur Tekra, Ahmedabad	Sh. Himanshu Malhotra, Dr. Rommel Mehta and Sh. S.K. Patnaik	31.10.2012
22.	Gujarat	Sayaji Baug Zoo, Baroda	Sh. Kartick Satyanarayan and Dr. R.G. Jani	31.01.2012
23.	Haryana	Wildlife Rescue Centre at Gopalpur	Dr. Naim Akthar	30.04.2013
24.	Himachal Pradesh	Dhauladhar Nature Park, Gopalpur, H. P.	Sh. B.S. Bonal	31.10.2013
25.	Himachal Pradesh	Himalayan Nature Park, Kufri	Dr. Naim Akhtar	31.10.2013
26.	Himachal Pradesh	Rewalsar Mini Zoo, Rewalsar	Sh. B.S. Bonal	31.10.2012
27.	Himachal Pradesh	Nehru Pheasantry, Manali	Sh. B.S. Bonal	31.10.2012
28.	Himachal Pradesh	Renuka Zoo and Lion Safari, Sirmour	Dr. Brij Kishor Gupta	31.07.2012
29.	Jharkhand	Muta Zoo, Muta	Dr. B.M. Arora	31.08.2011
30.	Karnataka	Deer Park, NMDC Ltd., Bellary	Sh. Alankar Jha	30.04.2013
31.	Karnataka	Small Zoo Gadag, Binkadakatti	Sh. C.S. Yallaki	31.10.2012
32.	Karnataka	Tungabhadra Mini Zoo, Distt. Bellary	Sh. C.S. Yallaki	31.10.2012
33.	Karnataka	Pilikula Biological Park, Mangalore	Sh. B.S. Bonal and Dr. Brij Kishor Gupta	31.07.2012
34.	Karnataka	Tiger & Lion Safari, Thyavarekoppa, Shimoga	Dr. Mathew C. John and Sh. S. Subbarayalu Naidu	31.07.2013

35.	Kerala	Sri Lok Nayak Jayaprakash Narayan Smrithi Van Deer Park, Walayar	Sh. S.C. Sharma and Dr. Brij Kishor Gupta	30.04.2013
36.	Kerala	Malpuzha Snake Park	Mr. B.G. Mugadur	30.04.2013
37.	Kerala	Kodanad Mini Zoo	Mr. B.G. Mugadur	30.04.2013
38.	Kerala	Hill Palace Zoo, Ernakulam	Dr. N. Krishna Kumar	31.01.2013
39.	Kerala	State Museum & Zoo, Trissur	Dr. Brij Kishor Gupta	
40.	Kerala	Weston Circus	Divisional Forest Officer, Dehradun Forest Division, Dehradun	31.07.2011
41.	Kerala	Great Bombay Circus	Deputy Director (Forests) Deptt. of Forests and Wild life, Govt. of Pondicherry	31.07.2011
42.	Madhya Pradesh	Van Vihar National Park-Zoo, Bhopal	Sh. Vibhu Prakash and Dr. Naim Akhtar	31.10.2011
43.	Maharashtra	Maharajbagh Zoo, Nagpur	Sh. A.S. Dogra and Dr. Brij Kishor Gupta	30.04.2014
44.	Maharashtra	People for Animals - Rescue Centre, Wardha	Dr. Brij Kishor Gupta	30.04.2013
45.	Maharashtra	Nisargkavi Bahinabai Choudhary Pranisangrahalay, Chinchwad, Pune	Dr. M.G. Jayathangraj and Dr. Naim Akhtar	31.10.2013
46.	Maharashtra	Maharaja Shahaji Chhatrapati Zoo, Kolhapur	Dr. Brij Kishor Gupta	31.10.2012
47.	Maharashtra	Leopard Rescue Centre, Manikdoh	Dr. M.G. Jayathangraj Dr. Naim Akhtar	31.10.2012
48.	Orissa	Harishankar Deer Park, Balangir	Sh. Bipul Chakrabarty	31.04.2013
49.	Orissa	Kapilash Zoo, Kapilash	Sh. Bipul Chakrabarty	31.01.2014
50.	Orissa	Deer Park, Cuttack	Sh. Bipul Chakrabarty	31.01.2013
51.	Orissa	Wild Animal Conservation Centre, Sambalpur	Dr. L.N. Acharjyo and Sh. Bipul Chakrabarty	31.07.2011
52.	Punjab	Patiala Zoo, Patiala (mid-term)	Dr. B.R. Sharma	
53.	Rajasthan	Udaipur Zoo, Udaipur Sh. A.S. Dogra	Dr. A.K. Malhotra and	31.01.2014

54.	Rajasthan	Jodhpur Zoo, Jodhpur	Dr. A.K. Malhotra and Sh. A.S. Dogra	31.01.2014
55.	Rajasthan	Jaipur Zoo, Jaipur	Sh. B.S. Bonal	31.07.2011
56.	Sikkim	Himalayan Zoological Park, Gangtok	Sh. N.C. Bahuguna	31.10.2012
57.	Tamil Nadu	Mid-term evaluation of Shivganga Garden Mini Zoo, Thanjavur, Tamil Nadu	Sh. S.C. Sharma and Dr. Brij Kishor Gupta	30.04.2013
58.	Uttarakhand	Pt. G.B. Pant High Altitude Zoo, Nainital	Dr. A.K. Sharma and Dr. Naim Akhtar	31.01.2014
59.	West Bengal	Marble Palace Zoo, Kolkata	Sh. B.C. Choudhary	31.05.2013
60.	West Bengal	Calcutta Snake Park, Kolkata	Sh. B.C. Choudhary	30.04.2013
61.	West Bengal	Surulia Mini Zoo, Purulia	Dr. Mohal Lal Smith	31.01.2013
62.	West Bengal	Rasikbeel Mini Zoo, Rasikbeel	Dr. Mohal Lal Smith	31.10.2012
63.	West Bengal	Kunjanagar Eco Park, Kunjanagar	Dr. Mohal Lal Smith	31.10.2012
64.	West Bengal	Zoological Garden, Alipore, Kolkata	Sh. B.S. Bonal and Dr. Brij Kishor Gupta	31.07.2015
65.	West Bengal	Pugmark Society for Conservation of Natural Heritage	Dr. Naim Akhtar	31.12.2012
66.	West Bengal	Kohinoor Circus	Deputy Conservator of Forests (Social Forestry) Division Navsari, Gujarat	31.07.2011
67.	West Bengal	Great Rayman Circus	Forest Ranger, Malda Division, Malda	31.07.2011



Hollock gibbon

4.2 List of the recognized zoos as on 31st March 2011:

The zoos in India are classified as large, medium, small and mini zoos" as per the criteria (area of the zoo, number of visitors, number of species and animals, endangered species and number of animals of endangered species) provided under the Recognizing of Zoo Rules 2009, for the purpose of deciding standards and

norms for recognition of zoo and monitoring and evaluating its performance. The zoo should meets at least any four of the aforesaid criteria (but including number of species and number of animals) to be classified into the above mentioned category. The list of the recognized zoo is given below:

S. No.	Category	Name of zoo	City/ Location	State
1	Large Zoo	Nehru Zoological Park	Hyderabad	Andhra Pradesh
2	Large Zoo	Assam State Zoo cum Botanical Garden	Guwahati	Assam
3	Large Zoo	Kamla Nehru Zoological Garden	Ahmedabad	Gujarat
4	Large Zoo	Nandankanan Biological Park	Bhubaneswar	Orissa
5	Large Zoo	Arignar Anna Zoological Park	Vandalur, Chennai	Tamil Nadu
6	Medium Zoo	Indira Gandhi Zoological Park	Visakhapatnam	Andhra Pradesh
7	Medium Zoo	Sri Venkateswara Zoological Park	Tirupati	Andhra Pradesh
8	Medium Zoo	Sanjay Gandhi Biological Park	Patna	Bihar
9	Medium Zoo	National Zoological Park	Delhi	Delhi
10	Medium Zoo	Indroda Nature Park	Gandhi Nagar	Gujarat
11	Medium Zoo	Sakkarbaug Zoo	Junagarh	Gujarat
12	Medium Zoo	Sayaji Baug Zoo	Vadodara	Gujarat
13	Medium Zoo	Dr. K. Shivarma Karanth Pilibkula Biological Park	Mangalore	Karnataka
14	Medium Zoo	National Park, Bannerghatta Zoological Garden	Bangalore	Karnataka
15	Medium Zoo	Sri Chamarajendra Zoological Gardens	Mysore	Karnataka
16	Medium Zoo	State Museum & Zoo	Thrissur	Kerala

17	Medium Zoo	Thiruvananthapuram Zoo	Thirunvanantha puram	Kerala
18	Medium Zoo	Veer mata Jijabai Bhosale Udyan & Zoo	Byculla, Mumbai	Maharashtra
19	Medium Zoo	Mahendra Chaudhury , Zoological Park	Chhatbir Chandigarh	Punjab
20	Medium Zoo	Jaipur Zoo	Jaipur	Rajasthan
21	Medium Zoo	Children's Corner	Guindy, Chennai	Tamil Nadu
22	Medium Zoo	Sepahijala Zoological Park	Sepahijala, Agartala	Tripura
23	Medium Zoo	Kanpur Zoological Park	Kanpur	Uttar Pradesh
24	Medium Zoo	Lucknow Zoological Park	Lucknow	Uttar Pradesh
25	Medium Zoo	Alipore Zoological Garden	Kolkata	West Bengal
26	Small Zoo	Vanavigyan Kendra, Hunter Road, Hanamkonda,	Warangal	Andhra Pradesh
27	Small Zoo	Biological Park, Itanagar	Itanagar	Arunachal Pradesh
28	Small Zoo	Kanan Pandari Zoo	Bilaspur	Chhattisgarh
29	Small Zoo	Maitri Bagh Zoo	Bhilai	Chhattisgarh
30	Small Zoo	Nandan Van Zoo	Raipur	Chhattisgarh
31	Small Zoo	Bondla Zoo	Usgao	Goa
32	Small Zoo	Dr. Shyamaprasad Mukharjee Zoological Garden	Surat	Gujarat
33	Small Zoo	Dhauladhar Nature Park	Gopalpur	Himachal Pradesh
34	Small Zoo	Himalayan Nature Park	Kufri	Himachal Pradesh
35	Small Zoo	Bhagwan Birsa Biological Park	Ranchi	Jharkhand
36	Small Zoo	Jawaharlal Nehru Biological Park	Bokaro	Jharkhand
37	Small Zoo	Tata Steel Zoological Park	Jamshedpur	Jharkhand
38	Small Zoo	Bellary Children's Park-cum-Zoo (Bellary Zoo at New Site)	Bellary	Karnataka
39	Small Zoo	Children Park & Zoo (Gadag Zoo)	Gadag	Karnataka
40	Small Zoo	Tiger & Lion Safari	Shimoga	Karnataka
41	Small Zoo	Parassinikkadavu Snake Park	Kannur	Kerala

42	Small Zoo	Gandhi Zoological Park	Gwalior	Madhya Pradesh
43	Small Zoo	Kamla Nehru Prani Sangrahalaya Zoo	Indore	Madhya Pradesh
44	Small Zoo	Van Vihar National Park Zoo	Bhopal	Madhya Pradesh
45	Small Zoo	Aurangabad Municipal Zoo	Aurangabad	Maharashtra
46	Small Zoo	Maharajbag Zoo	Nagpur	Maharashtra
47	Small Zoo	Mahatma Gandhi Rashtriya Udyan Zoo	Solapur	Maharashtra
48	Small Zoo	Nisargakavi Bahinabai Choudhary Pranisanghalaya	Chinchiwad, Pune	Maharashtra
49	Small Zoo	Rajiv Gandhi Zoological Park and Wildlife Research Center	Pune	Maharashtra
50	Small Zoo	Manipur Zoological Garden	Imphal	Manipur
51	Small Zoo	Aizawl Zoo	Aizawl	Mizoram
52	Small Zoo	Indira Gandhi Park Zoo	Rourkela	Orissa
53	Small Zoo	Kapilash Zoo	Dhenkanal	Orissa
54	Small Zoo	Wild Animal Conservation Center	Mothijharan, Sambalpur	Orissa
55	Small Zoo	Deer Park, Bir Moti Bagh	Patiala	Punjab
56	Small Zoo	Ludhiana Zoo	Ludhiana	Punjab
57	Small Zoo	Bikaner Zoo	Bikaner	Rajasthan
58	Small Zoo	Jodhpur Zoo	Jodhpur	Rajasthan
59	Small Zoo	Udaipur Zoo	Udaipur	Rajasthan
60	Small Zoo	Amirdhi Zoo	Vellore	Tamil Nadu
61	Small Zoo	Chennai Snake Park Trust	Guindy, Chennai	Tamil Nadu
62	Small Zoo	Madras Crocodile Bank Trust/ Centre For Herpetology	Mammalapuram	Tamil Nadu
63	Small Zoo	V.O.C. Park Mini Zoo	Coimbatore	Mahabalipuram
64	Small Zoo	Pt. Govind Ballabh Pant High Altitude Zoo	Nainital	Uttarakhand

65	Small Zoo	Calcutta Snake Park	Badu, Kolkata	West Bengal
66	Small Zoo	Jhargram Zoo	Jhargram	West Bengal
67	Small Zoo	Marble Palace Zoo	Kolkata	West Bengal
68	Small Zoo	Padmaja Naidu Himalayan Zoological Park	Darjeeling	West Bengal
69	Small Zoo	West Bengal Snake Park & Laboratory, Badu	Badu, Kolkata	West Bengal
70	Mini Zoo	Biological Park, Chidyatapu	Port Blair	Andaman & Nicobar Islands
71	Mini Zoo	Deer Park - Satyam Technology Centre	Ranga Reddy	Andhra Pradesh
72	Mini Zoo	Deer Park, Chittoor Reserve Forest	Chittoor (East) Division	Andhra Pradesh
73	Mini Zoo	Deer Park, Kandaleru	Kandaleru	Andhra Pradesh
74	Mini Zoo	Deer Park, Kesoram Cement	Basant Nagar	Andhra Pradesh
75	Mini Zoo	Deer Park, Nfcl Green Belt	Kakinada	Andhra Pradesh
76	Mini Zoo	Deer Park, Tirumala Hills	Chittoor	Andhra Pradesh
77	Mini Zoo	Deer Park, Jawahar Lake Tourist Complex	Shamirpet	Andhra Pradesh
78	Mini Zoo	G.V.K. Industries Deer Park	Hyderabad	Andhra Pradesh
79	Mini Zoo	Himayat Sagar Mini Zoo	Ranga Reddy	Andhra Pradesh
80	Mini Zoo	Karimnagar Deer Park	Karimnagar	Andhra Pradesh
81	Mini Zoo	Kinnerasari Deer Park	Kinnerasari	Andhra Pradesh
82	Mini Zoo	Pillalamarri Deer Park	Mahabub Nagar	Andhra Pradesh
83	Mini Zoo	Sanghi Deer Park	Sanghi Nagar	Andhra Pradesh
84	Mini Zoo	Miao Mini Zoo	Miao	Arunachal Pradesh
85	Mini Zoo	Mini Zoo, Roing	Roing	Arunachal Pradesh
86	Mini Zoo	Bijni Deer Park	Bongaigaon	Assam
87	Mini Zoo	Lion Safari - Vasona	Vasona	Dadra & Nagar Haveli
88	Mini Zoo	A.N. Jha Deer Park	Hauz Khas, New Delhi	Delhi

89	Mini Zoo	Rajkot Zoo	Rajkot	Gujarat
90	Mini Zoo	Sir Peter Scott Nature Park	Jamnagar	Gujarat
91	Mini Zoo	Sundervan Nature Discovery Centre	Jodhpur Tekra (Ahmedabad)	Gujarat
92	Mini Zoo	Deer Park, Hissar	Hissar	Haryana
93	Mini Zoo	Mini Zoo, Bhiwani	Bhiwani	Haryana
94	Mini Zoo	Mini Zoo, Pipli	Pipli	Haryana
95	Mini Zoo	Rohtak Zoo	Rohtak	Haryana
96	Mini Zoo	Renuke Mini Zoo	Sirmur	Himachal Pradesh
97	Mini Zoo	Rewalsar Mini Zoo	Mandi	Himachal Pradesh
98	Mini Zoo	Sarahan Pheasantry	Sarahan	Himachal Pradesh
99	Mini Zoo	Jammu Zoo	Ramnagar (Jammu)	Jammu & Kashmir
100	Mini Zoo	Kashmir Zoo	Srinagar	Jammu & Kashmir
101	Mini Zoo	Birsa Mrig Vihar	Kalimati	Jharkhand
102	Mini Zoo	Mugger Breeding Centre	Muta	Jharkhand
103	Mini Zoo	Deer Park at Shri Kshetra Sogal, Soudatti	Belgaun	Karnataka
104	Mini Zoo	Deer Park, N.M.D.C.Ltd.	Donimalai	Karnataka
105	Mini Zoo	Indira Priyadarshini Davangere Sangrahalaya, Anagodu	Taluk	Karnataka
106	Mini Zoo	Kaiwara Tapowana Chintamani Talluk	Kolar	Karnataka
107	Mini Zoo	Kittur Rani Cannamma Nisarg Dhama Mini Zoo	Belgaum	Karnataka
108	Mini Zoo	Mini Zoo A. M. Gudi Balvana	Chitradurga	Karnataka
109	Mini Zoo	Mini Zoo At Gendekatte	Hassan	Karnataka
110	Mini Zoo	Mini Zoo Cum Children Park	Gulbarga	Karnataka
111	Mini Zoo	Namadachilume Deer Park	Tumkur	Karnataka
112	Mini Zoo	Tungabhadra Dam Mini Zoo	Bellary	Karnataka
113	Mini Zoo	Hill Palace Zoo	Ernakulam	Kerala

114	Mini Zoo	Kodanadu Zoo	Kodanadu	Kerala
115	Mini Zoo	Lion Safari Park	Nayyar Dam, Thiruvananthapuram	Kerala
116	Mini Zoo	Snake	Ludhiana	Punjab
135	Mini Zoo	Deer Park, Shri Goverdhan Trust	Udaipur	Rajasthan
136	Mini Zoo	Kota Zoo	Kota	Rajasthan
137	Mini Zoo	Panchwati Deer Park	Pilani	Rajasthan
138	Mini Zoo	Safari Park, Haridasji-Ki-Magri	Udaipur	Rajasthan
139	Mini Zoo	Himalayan Zoological Park, Bulbuley	Gangtok	Sikkim
140	Mini Zoo	Kurumbapatti Zoological Park	Salem	Tamil Nadu
141	Mini Zoo	Nilgiri Mini Zoo and Breeding Centre	Udhagamandalam	Tamil Nadu
142	Mini Zoo	Shivganga Garden Mini Zoo	Thanjavur	Tamil Nadu
143	Mini Zoo	Deer Park, IFFCO Township, Andhra	Bareilly	Uttar Pradesh
144	Mini Zoo	Nawabganj Deer Park	Unnao	Uttar Pradesh
145	Mini Zoo	Sarnath Deer Park	Varanasi	Uttar Pradesh
146	Mini Zoo	Van Prani Udyan, I.V.R.I.	Izatnagar, Bareilly	Uttar Pradesh
147	Mini Zoo	Vinod Van Mini Zoo, Ramgarh	Gorakhpur	Uttar Pradesh
148	Mini Zoo	Deer Park, Narain Tewari Dewal	Almora	Uttarakhand
149	Mini Zoo	Malsi Deer Park	Dehradun	Uttarakhand
150	Mini Zoo	Adina Deer Park	Malda	West Bengal
151	Mini Zoo	Gar Chumuk (Ulughata) Deer Park	Howrah	West Bengal
152	Mini Zoo	Kumari Kangsabuti Deer Park	Bonpakuria, Bankura	West Bengal
153	Mini Zoo	Kunjanagar Eco-Park	Jalpaiguri	West Bengal
154	Mini Zoo	Purulia Mini Zoo	Surulia, Purulia	West Bengal
155	Mini Zoo	Ramnabagan Mini Zoo	Burdwan	West Bengal
156	Mini Zoo	Rasikbeel Mini Zoo	Cochbihar	West Bengal

157	Mini Zoo	South Khairbari Leopard Safari And Rehabilitation Centre	Madarihat	West Bengal
158	Circus	Moonlight Circus	Khelmati	Assam
159	Circus	Rhino Circus	Lakhimpur	Assam
160	Circus	Great Golden Circus	Ahmedabad	Gujarat
161	Circus	Amar Circus	Calicut	Kerala
162	Circus	Gemini Circus	Varam	Kerala
163	Circus	Great Bombay Circus	Tillicherry	Kerala
164	Circus	Great Rayman Circus	Cochin	Kerala
165	Circus	Jamuna Circus	Raigarh	Kerala
166	Circus	Jumbo Circus	Varam	Kerala
167	Circus	Raj Kamal Circus	Dharmadam	Kerala
168	Circus	Rambo Circus	Pune	Maharashtra
169	Circus	The Great Royal Circus	Mumbai	Maharashtra
170	Circus	Apollo Circus	Varanasi	Uttar Pradesh
171	Circus	Great Apollo Circus	Hamirpur	Uttar Pradesh
172	Circus	Great Gemini Circus	Kanpur	Uttar Pradesh
173	Circus	Rajmahal Circus	Hamirpur	Uttar Pradesh
174	Circus	Ajanta Circus	Kolkata	West Bengal
175	Circus	Asiad Circus	Kolkata	West Bengal
176	Circus	Empire Circus	Kolkata	West Bengal
177	Circus	Famous Circus	Kolkata	West Bengal
178	Circus	Kohinoor Circus	Kolkata	West Bengal
179	Circus	Natraj Circus	Kolkata	West Bengal
180	Circus	Olympic Circus	Kolkata	West Bengal
181	Circus	Weston Circus	Kolkata	West Bengal
182	Rescue Center	Karuna Society for Animals and Nature-Rescue CentreDist.	Anantapur	Andhra Pradesh
183	Rescue Center	Visakha Society for Protection and Care of Animals	Visakhapatnam	Andhra Pradesh

184	Rescue Center	Centre for Bear Rehabilitation and Conservation	Pakke	Arunachal Pradesh
185	Rescue Center	Centre for Wildlife Rehabilitation and Conservation	Golaghat	Assam
186	Rescue Center	Hanuman Vatika-Rescue Centre	Gurgoan	Haryana
187	Rescue Center	Vulture Conservation Breeding Center	Pinzore	Haryana
188	Rescue Center	Wildlife Rescue Centre	Gurgoan	Haryana
189	Rescue Center	Nehru Pheasantry	Manali	Himachal Pradesh
190	Rescue Center	Rescue and Rehabilitation Home	Tutikandi	Himachal Pradesh
191	Rescue Center	People for Animals - Rescue Centre	Bangalore	Karnataka
192	Rescue Center	Wildlife Rescue & Rehabilitation Centre	Bangalore	Karnataka
193	Rescue Center	Amtes Animal Ark	Wardha	Maharashtra
194	Rescue Center	Leopard Rescue Centre	Manikdoh	Maharashtra
195	Rescue Center	People For Animals, Shelter House	Wardha	Maharashtra
196	Rescue Center	Agra Bear Rescue Facility	Agra	Uttar Pradesh
197	Rescue Center	Nature Park at Toratotla Road	Kolkata	West Bengal
198	Rescue Center	Pugmarks - Pfa Sanitiketan Rescue Centre	Kolkata	West Bengal



Stump tailed macaque - Assam State Zoo, Guwahati

4.3 Conservation Breeding Programme



Cheer pheasant

The Central Zoo Authority is coordinating a **flagship programme** of planned Conservation Breeding of 73 identified critically endangered wild animal species in Indian zoos. Of these conservation breeding programme has been imitated for 19 species. Among these species, Cheer pheasant, Lion tailed macaque, Mouse deer, Hoolock gibbon, Sangai and Vulture etc. are breeding well in the captivity.

During the financial year 2010-11, the Central Zoo Authority has released financial assistance of Rs. 2.4 lakh each for research on Mouse deer and Vulture species under the Conservation Breeding Programme at Nehru Zoological Park, Hyderabad. The Central Zoo Authority has provided financial assistance of Rs. 61.36 lakhs for establishing 2 more enclosures under Conservation Breeding Programme to Biological Park, Itanagar for Hoolock gibbon. Apart from this, the

CZA has also provided a grant of Rs. 2.64 lakhs to meet the expenditure of one biologist and two keepers designated under the conservation breeding programme. The Sepahijala Zoological Park, Agartala was provided a grant of Rs. 60.20 lakhs for Clouded leopard, Rs. 30.20 lakhs for Pig tailed macaque, Rs. 4.5 lakhs Binturong, and Rs. 30.0 lakhs Phayre's langur. Apart from this, the Central Zoo Authority provided Rs. 2.1 lakhs to meet the expenditure of two designated keepers and one veterinary assistant under the Conservation Breeding Programme. The Central Zoo Authority has provided Rs. 64.13 for construction of One horned rhinoceros enclosure for conservation breeding to Assam State Zoo Guwahati. The CZA has also approved the grant of Rs. 3.0 lakh for the Conservation Breeding Programme of King Cobra at Pilikula Biological Park, Mangalore.

4.4 Exchange/Transfer of animals by zoos approved by CZA

A total of 48 exchange proposals of animals between Indian zoos and six exchange proposals between Indian and foreign zoos have been approved by the authority during the year 2010-11

4.4.1 Exchange of animals between Indian Zoos

Name of the Zoo and animals to be given		Name of the Zoo and animals to be given	
1	Rajkot Zoological Park, Rajkot	Nehru Zoological Park, Hyderabad	
	Asiatic lion 1:0	Asiatic lion	1:0
2	Aurangabad Municipal Zoo, Aurangabad	Tata Steel Zoological Park, Jamshedpur	
	White tiger 0:1	---	----
3	Amte's Animal Ark, Gadchiroli	Rajiv Gandhi Zoological Park and Wildlife Research Centre, Pune	
	Indian wolf 1:0	---	----
4	Kota Zoo, Kota	Jaipur Zoo, Jaipur	
	Lion (hybrid) 0:1	---	----
5	Sakkarbaug Zoo, Junagarh	Sri Chamarajendra Zoological Garden, Mysore	
	Asiatic lion 1:1	Gaur	1:2
	Spoonbill white 1:1	Kalij pheasant	1:1
	Alexandrain parakeet 2:3	Malabar giant squirrel	1:1
	Comb Duck 1:2	Green pheasant	1:1
	Blossom headed parakeet 1:1	---	---
6	M.C. Zoological Park, Chhatbir	Rajkot Zoo, Rajkot	
	Chinkara 2:2	Asiatic lion	1:1
	Four horned antelope 1:1	---	---
	Sloth bear 1:1	---	---
	Painted stork 2:5	---	---
	Spot bill duck 2:3	---	---
7	Nehru Zoological Park, Hyderabad	Sanjay Gandhi Zoological Park, Patna	
	Asiatic lion 1:1	One horned rhinoceros	1:1

White tiger	1:0		
Indian tiger	1:0	---	---
8 Sepahijala Zoo, Sepahijala		Sanjay Gandhi Zoological Park, Patna	
Pig tailed macaque	1:1	One-horned rhinoceros	1:1
9 M.C. Zoological Park, Chhatbir		Mini Zoo, Bhiwani	
Himalayan black bear	1:0	Bengal tiger (Apaya)	1:0
---	---	Chinkara	2:2
10 Rescue Centre, Tutikandi		Mini Zoo, Bhiwani	
Leopard	1:1	---	----
11 Sepahijala Zoo, Sepahijala		Nehru Zoological Park, Hyderabad	
Pig tailed macaque	2:2	Emu	1:1
Himalayan black bear	1:1	Peacock	1:1
Leopard cat	2:2	--	---
12 Zoological Garden, Alipore		Sepahijala Zoological Park, Sepahijala	
Giraffe	---	Pig tailed monkey	2:2
13 Sepahijala Zoological Park, Sepahijala		Sanjay Gandhi Biological Park, Patna	
Leopard cat	1:1	Hippopotamus	1:1
---	--	Indian peacock	1:1
---	----	Silver pheasant	1:1
---	----	Golden pheasant	1:1
14 Aurangabad Zoo, Aurangabad		Kamla Nehru Prani Sangrahalaya, Indore	
Royal Bengal tiger	1:1	Spotted deer	1:1
---	---	White peacock	1:1
15 Himalayan Nature Park, Kufri		M.C. Zoological Park, Chhatbir	
Himalayan black bear	0:1	---	---
16 Dhauladhar Nature Park, Gopalpur		M.C. Zoological Park, Chhatbir	
Himalayan black bear	0:2	---	---
17 Himalayan Nature Park, Kufri		Padmaja Naidu Himalayan Zoological Park, Darjeeling	

Cheer pheasant	2:2	Bhutan grey peacock	2:2
White crested Kalij	0:2	---	---
Red jungle fowl	2:2	---	---
18 Kanpur Zoological Park, Kanpur		Indira Gandhi Zoo, Rourkela	
Swamp deer	1:1	Barking deer	1:1
Emu	0:0:4	---	---
19 Mini Zoo, Miao		Biological Park, Itanagar	
Hoolock gibbon	0:1	---	---
20 Sanjay Gandhi Biological Park, Patna		Nehru Zoological Park, Hyderabad	
One horned rhinoceros	1:1	Asiatic lion	1:1
---	---	White tiger	1:1
---	---	Indian tiger	1:0
21 Nehru Zoological Park, Hyderabad		Sri Chamarajendra Zoological Garden, Mysore	
White tiger	1:1	Gaur	2:2
Green iguana	2:2	Hyena	1:1
---	---	Hog deer	1:1
---	---	Red jungle fowl	1:1
---	---	Hippo	1:1
22 Mahatma Gandhi Udyan-Zoo, Solapur		Sanjay Gandhi National Park, Borivali	
---	---	Common leopard	1:1
23 Tata Steel Zoological Park, Jamshedpur		Bhagwan Birsa Biological Park, Ranchi	
Black buck (white coat)	1:2	Hyena	1:0
24 Lucknow Zoological Garden, Lucknow		Deer Park, IVRI, Izatnagar	
Blackbuck	0:4	---	---
Hog deer	0:1	---	---
25 Madras Crocodile Bank Trust, Mamallapuram		Deer Park Rasikbeel and Bochamari Gharial Rescue Centre	
Gharial	2:8	River terrapins (Batagur baska)	2:0

26	Purulia Mini Zoo, Surulia		Bannerghatta Biological Park, Bangalore	
	Sloth bears	12:10	--	--
27	Kamla Nehru Prani Sangrahalaya, Indore		Kanan Pendari Zoo, Bilaspur	
	White peacock	1:1	Sloth bear	1:1
	Gharial	1:1	----	----
	Porcupine	1:1	----	----
28	National Zoological Park, Delhi		Kanan Pendari Zoo, Bilaspur	
	Sangai	2:2	Common fox	1:2
	Hog deer	1:1	Jungle cat	2:0
	----	----	White boar	1:2
29	Sri Chamarajendra Zoological Gardens, Mysore		Tiger & Lion Safari, Shimoga	
	Lion (hybrid)	1:1	--	----
30	Assam State Zoo, Guwahati		Nandankanan Zoological Park Bhubaneswar	
	Leopard cat	1:2	White tiger	1:1
	Thamin	1:2	Gharial	0:0:2
	Jungle cat	1:1	Zebra finch	2:2
	Slow loris	1:1	----	----
31	Jaipur Zoo, Jaipur		Van Vihar National Park-Zoo, Bhopal	
	Gharial	2:0	Wild boar	1:1
32	Rasikbeel Mini Zoo, Coochbehar		Padmaja Naidu Himalayan Zoological Park, Darjeeling	
	Leopard	1:0	----	----
33	Rescue Centre, Tutikandi		M.C. Zoological Park, Chhatbir	
	Himalayan black bear	1:1	--	--
34	Sri Chamarajendra Zoological Gardens, Mysore		Thiruvananthapuram Zoo, Thiruvananthapuram	
	Gaur	1:1	African buffalo	1:1
	Red jungle fowl	1:1	----	----
35	Bhagbatpur Crocodile Breeding Centre, 24 Parganas (South)		Zoological Garden, Alipore	
	Salt water crocodile	3:3	--	----
36	Sakkarbaug Zoo, Junagadh, Gujarat		Surat Zoo, Surat	

Asiatic lion	1:1	Sarus crane	0:0:1
Silver pheasant	0:2	Indian Lorikeet	1:1
Ring necked pheasant	1:1	African grey parakeet	1:1
Comb duck	1:1	Emu	1:1
Thamin deer	1:2	Jackal	0:2
----	---	Caiman crocodile	1:1
----	----	Siamensis crocodile	1:1
-----	----	Four horned antelope	2:0
37 Jaipur Zoo, Jaipur		Kota Zoo, Kota	
Tiger	0:1	---	---
38 Jaipur Zoo, Jaipur		Jodhpur Zoo, Jodhpur	
Gharial	1:1		
39 Tata Steel Zoological Park, Jamshedpur		Bhagwan Birsa Biological Park, Ranchi	
Blackbuck (White coat colour)	1:2	Hyena	1:0
40 M.C. Zoological Park, Chhatbir		Sri Venkateswara Zoological Park, Tirupati	
Himalayan black bear	1:1	Hyena	1:0
Red jungle fowl	0:0:2	Chowsinga	1:1
Spot bill duck	0:0:4	Star tortoise	0:0:10
41 Aurangabad Municipal Zoo, Aurangabad		Sanjay Gandhi National Park, Borivali	
White tiger	0:1	-----	----
42 Maitri Bagh Zoo, Bhilai		Nandan Van Zoo, Raipur	
Sambar	0:0:6	Peacock	1:1
43 Maitri Bagh Zoo, Bhilai		Sri Venkateswara Zoological Park, Tirupati	
Hyena	1:0	Sloth bear	0:1
Rosy pelican	0:0:2	Porcupine	1:1
Grey pelican	0:0:2		
44 Madras Crocodile Bank Trust, Mamallapuram		Mahatma Gandhi Udyan Zoo, Solapur	
Mugger	1:0	----	---
45 Madras Crocodile Bank Trust, Mamallapuram		National Zoological Park, Delhi	
Salt water crocodile	1:1	----	---
46 Padmaja Naidu Himalayan Zoological Park, Darjeeling		Himalayan Zoological Park, Gangtok	
Snow leopard	0:1	----	---
Grey peacock Pheasant	1:1	----	---
47 Maharaj Baug Zoo, Nagpur		M.C. Zoological Park, Chhatbir	
Indian tiger	0:1	----	---
48 Maitri Bagh Zoo, Bhilai		Tata Steel Zoological Park, Jamshedpur	
Rosy pelican	1:1	---	----

4.4.2 Exchange proposal between Indian Zoos & Foreign Zoos

Name of the Zoo and animals to be given		Name of the Zoo and animals to be given	
1	Zoo Zlin, Czech Republic Asian open bill stork 2:2	Sri Chamarajendra Zoological Gardens, Mysore Scarlet ibis 4:4 Black necked swan 1:2	
2	The TISCH Family Zoological Gardens, Jerusalem, Israel Mandrill monkey 2:3	Tata Steel Zoological Park, Jamshedpur --	
3	National Zoological Gardens, Dehiwala, Sri Lanka Green Anacondas (Dunectes murinus)	Kamla Nehru Zoological Garden, Ahmedabad ---	
4	National Zoological Gardens, Dehiwala, Sri Lanka Green Anacondas (Dunectes murinus) 2:3	Sri Chamarajendra Zoological Garden, Mysore --	
5	Assiniboine Park Zoo, Winnipeg, Canada Lion tailed macaque 1:1 Red kangaroo 2:2 Australian lorikeet 6:6 Puma 1:1	Sakkarbaug Zoo, Junagadh Asiatic lion 1:1	
6	Leipzig Zoo, Leipzig, Germany African hunting cheetah 2:2	Bannerghatta Biological Park, Bangalore/ Sri Chamarajendra Zoological Gardens, Mysore Elephant 0:2	



Asiatic elephant

4.5 Maintenance of Studbooks

The Central Zoo Authority has assigned to the Wildlife Institute of India, Dehradun the task of preparing and updating the national studbooks of 14 identified wild animal species in captivity in Indian zoos. Studbook for 10 identified wild animal species has been completed. To facilitate the scientific and coordinated conservation breeding of endangered species in zoos; the Central Zoo Authority has also compiled the National studbooks/animal profiles of around 45 species under the conservation breeding programme as per the list given below:

1. Asiatic lion (*Panthera leo*)
2. Binturong (*Arctictis binturong*)
3. Himalayan (Asiatic) brown bear (*Ursus arctos*)
4. Chinkara (*Gazella bennetti bennetti*)
5. Clouded leopard (*Panthera nebulosa*)
6. Golden langur (*Trachypithecus geei*)
7. Grey wolf (*Canis lupus pallipes*)
8. Hume's pheasant (*Syrnaticus humiae humiae*)
9. Indian Pangolin (*Lepus nigricollis*)
10. Lion-tailed Macaque (*Macaca silenus*)
11. Long-billed vulture (*Gyps indicus*)
12. Malayan sun bear (*Helactos malayanus*)
13. Nicobar Pigeon (*Caloenas nicobarica*)
14. Pig-tailed Macaque (*Macaca nemestrina*)
15. Red panda (*Ailurus fulgens fulgens*)
16. Serow (*Nemorhaedus sumatraensis*)
17. Smooth coated otter (*Lutra lutra*)
18. Spectacled leaf monkey (*Trachypithecus phayrei*)
19. Swamp deer (*Cervus duvauceli*)
20. Tibetan wolf (*Canis lupus laniger*)
21. Water monitor lizard (*Varanus salvator*)
22. White backed vulture (*Gyps bengalensis*)
23. Wild dog (*Cuon alpinus*)
24. Cheer pheasant (*Catreus wallichii*)
25. Chousinga or Four Horned Antelope (*Tetracerus quadricornis*)
26. Golden cat (*Pardofelis temminckii*)
27. Bhutan Grey peacock pheasant (*Polyplectron bicalcaratum*)
28. Himalayan monal (*Lophophorus impeyanus*)
29. Hoolock gibbon (*Hoolock leuconedys*)
30. Indian gaur (*Bison*) (*Bos gaurus*)
31. King cobra (*Ophiophagus Hannah*)
32. Malabar giant squirrel (*Ratufa indica*)
33. Mouse deer (*Tragulus meminna*)
34. Nilgiri langur (*Semnopithecus johnii*)
35. Red junglefowl (*Gallus gallus gallus*)
36. Rhinoceros One horned (*Rhinoceros unicornis*)
37. Slender-billed Vulture (*Gyps tenuirostris*)
38. Snow leopard (*Panthera uncia uncia*)
39. Stump-tailed (*Macaca arctoides*)
40. Manipur brow antlered deer (*Cervus eldi eldi*)
41. Bengal tiger (*Panthera tigris*)
42. Western tragopan (*Tragopan melanocephalus*)
43. Wild ass (*Equus hemionus khur*)
44. Himalayan tahr (*Hemitragus jemlahicus*)
45. Blue Sheep (*Pseudois nayaur*)

4.6 Improved Planning Process of Zoos

4.6.1 Master Plan

The expert group on zoo designing has reviewed the master plans of the zoos and based on its recommendations the Technical Committee of the CZA has granted approval for 13 master plans of the following zoo till 31st March, 2011.

S. No.	Name of the Zoo
1.	Children Park-cum-Zoo, Bellary to Bilikal Reserve Forest near Kamalpur of Hospet Taluk (Atal Bihari Vajapayee Zoological Park)
2.	Lucknow Zoological Garden, Lucknow
3.	Nandankanan Zoological Park, Bhubaneshwar
4.	Kamla Nehru Zoological Garden, Ahmedabad
5.	Tata Steel Zoological Park, Jamshedpur
6.	Sundervan Nature Discovery Centre, Ahmedabad
7.	Bhagwan Birsa Biological Park, Ranchi
8.	Deer Park, Chittoor, Andhra Pradesh
9.	M.C. Zoological Park, Chhatbir, Punjab
10.	Centre for Bear Rehabilitation and Conservation, Pakke, Arunachal Pradesh
11.	Centre for Wildlife Rehabilitation and Conservation, Assam
12.	Leopard Rescue Centre at Manikdoh, Pune Distt. Maharashtra
13.	Relocation of Sayaji Baug Zoo, Vadodara to new site at Ajwa, Vadodara, Gujarat

However, keeping in view of new guidelines issued by CZA, the Master Plans are again being reviewed.

4.6.2 Master (layout) Plan

The Central Zoo Authority has also approved 43 Master (layout) plan of the following zoos till 31st March 2011. The same are being reviewed keeping in view of the new guideline issued by the CZA. Approval of complete Master Plans of these zoos are under consideration.

S. Name of the Zoo No.

1. Nisargakavi Bahinabai Chaudhary Prani Sangrahalaya at Pimpri
2. Sundervan Nature Discovery Centre, Jodhpur Tekra, Ahmedabad
3. Deer Park, Thenzawl
4. Zoological Garden, Alipore
5. Arignar Anna Zoological Park, Vandalur, Chennai
6. Wildlife Rescue Centre, Gurgaon, Haryana
7. Leopard Rescue Centre, Manikdoh, Junnar
8. Kuanria Deer Park, Nayagarh
9. V.J.B. Udyan Zoo, Byculla, Mumbai
10. Udaipur Zoo, Udaipur
11. Mahatma Gandhi Udyan-Zoo, Solapur, Maharashtra
12. Agra Bear Rescue Centre, Keetham
13. Aizawl Zoological Park, Aizawl, Mizoram
14. Tungabhadra Dam Mini Zoo, Tungabhadra Dam, Distt. Bellary, Karnataka
15. Chennai Snake Park Trust, Chennai
16. Amirthi Zoo, Amirthi, Vellore
17. Deer Park, Chittoor
18. Bannerghatta Biological Park,



Capped langur - Sepahijala Zoo

Bangalore

19. Bhagwan Birsa Biological Park, Ranchi
20. Tata Steel Zoological Park, Jamshedpur
21. Bondla Zoo, Goa
22. Jodhpur Zoo, Jodhpur
23. Kurumbapatty Zoological Park, Salem
24. Children's Park, Guindy, Chennai
25. Centre for Wildlife Rehabilitation and Conservation (CWRC), Kaziranga, Assam
26. Centre for Bear Rehabilitation and Conservation (CBRC), Pakke, Arunachal Pradesh
27. Kapilash Zoo, Dhenkanal, Orissa
28. Kamla Nehru Zoological Garden, Ahmedabad
29. Madras Crocodile Bank Trust, Mamallapuram
30. Sepahijala Zoological Park, Sepahijala, Tripura
31. Indroda Nature Park, Gandhinagar
32. Safari Park, Haridas-ji-ki-Magri, Udaipur
33. Gandhi Zoological Park, Gwalior
34. Sarnath Deer Park, Sarnath, Varanasi, Uttar Pradesh
35. Van Vihar National Park, Bhopal
36. Rajiv Gandhi Zoological Park & Wildlife Research Centre, Katraj, Pune
37. Ramnabagan Mini Zoo, Burdwan, West Bengal
38. Pillalamarri Deer Park, Mahabubnagar
39. State Zoo, Meghalaya
40. Nagaland Zoological Park, Rangapahar
41. Karuna Society for Animals and Nature, Beedupalli, Rayalaseema
42. Sayaji Baug Zoo, Vadodara, Gujarat
43. Leopard Rescue Centre, Ahmednagar

4.6.3 Master Plans Under Consideration

The following zoos have submitted their master/layout plans to CZA for consideration:

S. No.	Name of the Zoo	City	State
1.	Indira Gandhi Zoological Park	Visakhapatnam	Andhra Pradesh
2.	Nehru Zoological Park	Hyderabad	Andhra Pradesh
3.	Sri Venkateswara Zoological Park	Tirupati	Andhra Pradesh
4.	Deer Park - Satyam Technology Centre	Ranga Reddy	Andhra Pradesh
5.	Deer Park, Chittoor Reserve Forest	Chittoor(East) Division	Andhra Pradesh
6.	Deer Park, Kandaleru	Kandaleru	Andhra Pradesh
7.	Deer Park, Kesoram Cement	Basant Nagar	Andhra Pradesh
8.	Deer Park, NFCL Green Belt	Kakinada	Andhra Pradesh
9.	G.V.K. Industries Deer Park	Hyderabad	Andhra Pradesh
10.	Himayat Sagar Mini Zoo	Ranga Reddy	Andhra Pradesh
11.	Karimnagar Deer Park	Karimnagar	Andhra Pradesh
12.	Kinnerasari Deer Park	Kinnerasari	Andhra Pradesh
13.	Pillalamarri Deer Park	Pillalamarri Complex, Mahabub Nagar	Andhra Pradesh
14.	Sanghi Deer Park	Sanghi Nagar	Andhra Pradesh
15.	Vanavigyan Kendra, Hunter Road, Hanamkonda,	Warangal	Andhra Pradesh
16.	Deer Park, Jawahar Lake Tourist Complex	Shamirpet	Andhra Pradesh
17.	Karuna Society for Animals and Nature-Rescue Centre	Dist. Anantapur	Andhra Pradesh
18.	Visakha Society for Prevention of Cruelty of Animals - Rescue Centre	Visakhapatnam	Andhra Pradesh
19.	Miao Mini Zoo	Miao	Arunachal Pradesh
20.	Mini Zoo, Roing	Roing	Arunachal Pradesh

21.	Centre for Bear Rehabilitation and Conservation	Pakke	Arunachal Pradesh
22.	Biological Park, Itanagar	Itanagar	Arunachal Pradesh
23.	Assam State Zoo cum Botanical Garden	Guwahati	Assam
24.	Centre For Wildlife Rehabilitation and Conservation	Golaghat	Assam
25.	Sanjay Gandhi Biological Park	Patna	Bihar
26.	Nandan Van Zoo	Raipur	Chhattisgarh
27.	Kanan Pandari Zoo	Bilaspur	Chhattisgarh
28.	Maitri Bagh Zoo	Bhilai	Chhattisgarh
29.	Lion Safari - Vasona	Vasona	Dadra & Nagar Haveli
30.	A.N. Jha Deer Park, Hauz Khas	Hauz Khas (New Delhi)	Delhi
31.	Bondla Zoo	Usgao	Goa
32.	Kamla Nehru Zoological Garden	Ahmedabad	Gujarat
33.	Indroda Nature Park	Gandhi Nagar	Gujarat
34.	Sayaji Baug Zoo	Vadodara	Gujarat
35.	Sundervan Nature Discovery Centre	Jodhpur Tekr (Ahmedabad)	Gujarat
36.	Rajkot Zoo	Rajkot	Gujarat
37.	Dr. Shyamaprasad Mukharjee Zoological Garden	Surat	Gujarat
38.	Mini Zoo, Bhiwani	Bhiwani	Haryana
39.	Mini Zoo, Pipli	Pipli	Haryana
40.	Wildlife Rescue Centre	Gurgoan	Haryana
41.	Rohtak Zoo	Rohtak	Haryana
42.	Dhauladhar Nature Park	Gopalpur	Himachal Pradesh
43.	Rewalsar Mini Zoo	Mandi	Himachal Pradesh
44.	Nehru Pheasantry	Manali	Himachal Pradesh

45.	Himalayan Nature Park	Kufri	Himachal Pradesh
46.	Bhagwan Birsa Biological Park	Ranchi	Jharkhand
47.	Birsa Mrig Vihar	Kalimati	Jharkhand
48.	Mugger Breeding Centre (Muta Zoo)	Muta	Jharkhand
49.	Jawaharlal Nehru Biological Park	Bokaro	Jharkhand
50.	Tata Steel Zoological Park	Jamshedpur	Jharkhand
51.	National Park, Bannerghatta Zoological Garden	Bangalore	Karnataka
52.	Sri Chamarajendra Zoological Gardens	Mysore	Karnataka
53.	Dr. K. Shivarma Karanth Pillikula Biological Park	Mangalore	Karnataka
54.	Deer Park, N.M.D.C.Ltd.	Donimalai	Karnataka
55.	Mini Zoo At Gendekatte	Hassan	Karnataka
56.	Mini Zoo Cum Children Park	Gulbarga	Karnataka
57.	Namadachilume Deer Park	Tumkur	Karnataka
58.	Tungabhadra Dam Mini Zoo	Bellary	Karnataka
59.	Indira Priyadarshini Sangrahalaya, Anagodu	Davangere Taluk	Karnataka
60.	Kittur Rani Cannamma Nisarg Dhama Mini Zoo	Belgaum	Karnataka
61.	Wildlife Rescue & Rehabilitation Centre	Bangalore	Karnataka
62.	People For Animals - Rescue Centre	Bangalore	Karnataka
63.	Tiger & Lion Safari	Shimoga	Karnataka
64.	Children Park & Zoo (Gadag Zoo)	Gadag	Karnataka
65.	Bellary Children's Park-Cum-Zoo (Bellary Zoo)	Bellary	Karnataka
66.	Thiruvananthapuram Zoo	Thirunvanantha puram	Kerala
67.	State Museum & Zoo	Thrissur	Kerala
68.	Hill Palace Zoo, Ernakulam	Ernakulam	Kerala
69.	Snake Park, Malampuzha	Malampuzha	Kerala

70.	Sri Lok Nayak Jaya Prakash Narayan Smrity Van Deer Park	Walayar	Kerala
71.	Van Vihar National Park Zoo	Bhopal	Madhya Pradesh
72.	Gandhi Zoological Park	Gwalior	Madhya Pradesh
73.	Kamla Nehru Prani Sangrahalaya Zoo	Indore	Madhya Pradesh
74.	Veermata Jijabai Bhosale Udyan & Zoo	Mumbai	Maharashtra
75.	Rajiv Gandhi Zoological Park and Wildlife Research Center	Pune	Maharashtra
76.	Snake Park, Shikshan Mandal	Kolhapur	Maharashtra
77.	Leopard Rescue Centre	Manikdoh	Maharashtra
78.	People For Animals, Shelter House	Wardha	Maharashtra
79.	Amte's Animal Ark	Wardha	Maharashtra
80.	Aurangabad Municipal Zoo	Aurangabad	Maharashtra
81.	Nisargakavi Bahinabai Choudhary Pranisanghalaya	Chinchiwad, Pune	Maharashtra
82.	Mahatma Gandhi Rashtriya Udyan Zoo	Solapur	Maharashtra
83.	Manipur Zoological Garden	Imphal	Manipur
84.	Lady Hydari Park Animal Land (Meghalaya Zoo)	Shillong	Meghalaya
85.	Deer Park, Thenzawl	Thenzawl	Mizoram
86.	Aizawl Zoo (Mizoram Zoo)	Aizawl	Mizoram
87.	Nagaland Zoological Park, Rangapahar	Dimapur	Nagaland
88.	Nandankanan Biological Park	Bhubaneshwar	Orissa
89.	Deer Park, Berhampur Unit	Berhampur	Orissa
90.	Deer Park, Papadahandi	Nawarangpur	Orissa
91.	Gharial Research & Conservation Unit	Tikarpara	Orissa
92.	H.A.L. Deer Park, Koraput	Sunabeda	Orissa
93.	Harishankar Deer Park	Balangir	Orissa
94.	Kapilash Zoo	Dhenkanal	Orissa

95.	Taptapani Deer Park	Parlakhemundi	Orissa
96.	Kuanria Deer Park, Nayagarh Forest Division	Nayagarh	Orissa
97.	Wild Animal Conservation Center	Mothijharan, Sambalpur	Orissa
98.	Indira Gandhi Park Zoo	Rourkela	Orissa
99.	Mahendra Chaudhury Zoological Park	Chhatbir, Chandigarh	Punjab
100.	Deer Park, Bir Talab	Bhatinda	Punjab
101.	Deer Park, Neelon	Ludhiana	Punjab
102.	Ludhiana Zoo	Ludhiana	Punjab
103.	Deer Park, Bir Moti Bagh (Patiala Zoo)	Patiala	Punjab
104.	Jaipur Zoo	Jaipur	Rajasthan
105.	Kota Zoo	Kota	Rajasthan
106.	Panchwati Deer Park	Pilani	Rajasthan
107.	Safari Park, Haridasji-Ki-Magri	Udaipur	Rajasthan
108.	Bikaner Zoo	Bikaner	Rajasthan
109.	Jodhpur Zoo	Jodhpur	Rajasthan
110.	Udaipur Zoo	Udaipur	Rajasthan
111.	Himalayan Zoological Park, Bulbuley	Gangtok	Sikkim
112.	Arignar Anna Zoological Park	Vandalur, Chennai	Tamil Nadu
113.	Madras Crocodile Bank Trust/ Centre for Herpetology	Mahabalipuram	Tamil Nadu
114.	Chennai Snake Park Trust	Guindy, Chennai	Tamil Nadu
115.	Children's Corner	Guindy, Chennai	Tamil Nadu
116.	Kurumbapatti Zoological Park	Salem	Tamil Nadu
117.	Shivganga Garden Mini Zoo	Thanjavur	Tamil Nadu
118.	Tiruchirapalli Zoo, Tiruchirapalli	Tiruchirapalli	Tamil Nadu
119.	Amirdhi Zoo	Vellore	Tamil Nadu

120.	Sepahijala Zoological Park	Sepahijala, Agartala	Tripura
121.	Kanpur Zoological Park	Kanpur	Uttar Pradesh
122.	Lucknow Zoological Park	Lucknow	Uttar Pradesh
123.	Nawabganj Deer Park	Unnao	Uttar Pradesh
124.	Sarnath Deer Park	Varanasi	Uttar Pradesh
125.	Van Prani Udyan, I.V.R.I.	Izatnagar, Bareilly	Uttar Pradesh
126.	Deer Park, IFFCO Township, Anda	Bareilly	Uttar Pradesh
127.	Agra Bear Rescue Facility	Agra	Uttar Pradesh
128.	Malsi Deer Park (Dehra Dun Biological Park)	Dehradun	Uttarakhand
129.	Deer Park, Narain Tewari Dewal (Almora Zoo)	Almora	Uttarakhand
130.	Pt. Govind Ballabh Pant High Altitude Zoo	Nainital	Uttarakhand
131.	Alipore Zoological Garden	Kolkata	West Bengal
132.	Calcutta Snake Park	Badu, Kolkata	West Bengal
133.	Adina Deer Park	Malda	West Bengal
134.	Gar Chumuk (Ulughata) Deer Park	Howrah	West Bengal
135.	Kumari Kangsabuti Deer Park, Bonpakuria	Bonpakuria, Bankura	West Bengal
136.	South Khairbari Leopard Safari	Madarihat and Rehabilitation Centre	West Bengal
137.	Purulia Mini Zoo, Surulia	Purulia	West Bengal
138.	Ramnabagan Mini Zoo	Burdwan	West Bengal
139.	Rasikbeel Mini Zoo	Cochbihar	West Bengal
140.	Pugmarks - Pfa Sanitketan Rescue Centre	Kolkata	West Bengal
141.	Padmaja Naidu Himalayan Zoological Park	Darjeeling	West Bengal
142.	Jhargram Zoo	Jhargram	West Bengal

4.7 Facilitating compliance of stipulated standards and norms

The Central Zoo Authority evaluated and monitored the compliance of stipulated conditions, while granting recognition to zoos under Section 38 H of the Wildlife (Protection) Act, 1972. Based on the evaluation report submitted by the evaluating officers, the Central Zoo Authority has been requesting many zoos to increase the area of the zoo to provide adequate space for creating appropriately designed housing facilities for the species housed by them. The CZA also requested the zoos to shift to alternate sites and construct new zoo based on modern concepts of zoo architecture and planning.

However, certain State Governments did not show adequate interest in the recommendations and did not take advantage of the technical advices of the Central Government and due to inaction on their part, the CZA has refused recognition based on subsequent evaluation reports. After the establishment of the Central Zoo Authority (February, 1992) several erstwhile menageries have shifted to alternative sites or extended their area and have converted themselves into large zoos with open, naturalistic and well planned lay out and animal enclosures. The following zoos have improved based on CZA technical advice.

Sl.No.	Name of the existing zoo	Area	Name of new site of zoo	Area
1.	Rustomjee Deer Park, Sikkim	2 ha	Himalayan Zoological Park, Bulbulay, Gangtak, Sikkim	205 ha
2.	Peshwe Park, Pune	3 ha	Rajiv Gandhi Zoological Park, Katraj, Pune	65 ha
3.	Sakkarbaug Zoo, Junagadh	6 ha	Sakkarbaug Zoo, Junagadh	198 ha
4.	Kamla Nehru Prani Udyan, Surat	1 ha	Dr. Shyama Prasad Mukherji Prani Udyan, Surat	32 ha
5.	Sayaji Baug Zoo, Vadodara	15 ha	Ajwa Zoo at Ajwa, Vadodara	40 ha
6.	Kohima Zoo, Kohima, Nagaland	2 ha	Rangapahar Zoological Park, Dimapur	161 ha
7.	Mini Zoo Haddo (Port Blair), AN	3.75 ha	Biological Park, Chidiyatapu, AN	40 ha
8.	Rajkot Zoo, Rajkot	5 ha	Rajkot Municipal Zoo, Rajkot	55.37 ha
9.	Mini Zoo, Bellary, Karnataka	2.4 ha	Atal Bihari Vajpayee Zoological Park in the Hopset Taluk, Karnataka	64 ha

In this regard a major initiative has been also taken by the Rajasthan State Government in identifying alternate site for shifting of their existing zoos.

Sl. No.	Name of the existing zoo	Area	Name of new zoo	Area
1.	Jaipur Zoo, Jaipur	5.23 ha	Nahargarh Biological Park, Jaipur	72.0 ha
2.	Jodhpur Zoo, Jodhpur	6.0 ha	Machia Biological Park, Udaipur	301.48 ha
3.	Udaipur Zoo, Udaipur	5.2 ha	Sajjangerh Biological Park	35.69 ha
4.	Kota Zoo, Kota	2.2 ha	Abheda Biological Park, Kota	126.0 ha
5.	Bikaner Zoo, Bikaner		At Bichawaal.	10.0 ha

There are proposals to shift Deer Park, Udthagamandalam to Trichi as a large zoo (Tamil Nadu) and Thrissur Zoo at Thrissur (Kerala) to the new site at Puthur are also underway.



Common Penfowl

5.0 Human Resource Development



Signing of MoU between the Central Zoo Authority & Wildlife Reserve Singapore

The Central Zoo Authority has executed an MoU with Wildlife Reserve Singapore on human resource development, animal exchange, capacity building and cooperation on conservation issues. The details of the MoU are annexed at Annexure – V. Under this MoU, Shri K.S.S.V.P. Reddy, Director, Arignar Zoological Park and Shri A.K. Bhowmick, Director, Sepahijala Zoological Park, Agartala were sponsored by Wildlife Reserve, Singapore in its training programme on "Animal Enrichment" held from 4th -7th October 2010 whereas the CZA has sponsored Dr. Abraham Mathew, Veterinarian of Singapore Zoo in its Biologist training programme held from 14th–17th December 2010 at Bhubaneswar.



Member Secretary Central Zoo Authority and other participants during "Animal Enrichment" training at Singapore

5.1 Training/Workshops/ Seminars:

5.1.1 The Central Zoo Authority in collaboration with Sanjay Gandhi Biological Park, Patna organized a workshop on "Conservation Education and Zoos" for educators working in the zoos at Patna during April 6-9, 2010.



Workshop "Conservation Education & Zoo" at Patna

5.1.2 A workshop on "Ex-situ conservation, marketing, fund raising and resource management" was organized for zoo directors at Kolkata in collaboration with Zoological Garden, Alipore Kolkata from April 27-30, 2010.



Participants of Zoo Director's workshop at Kolkata

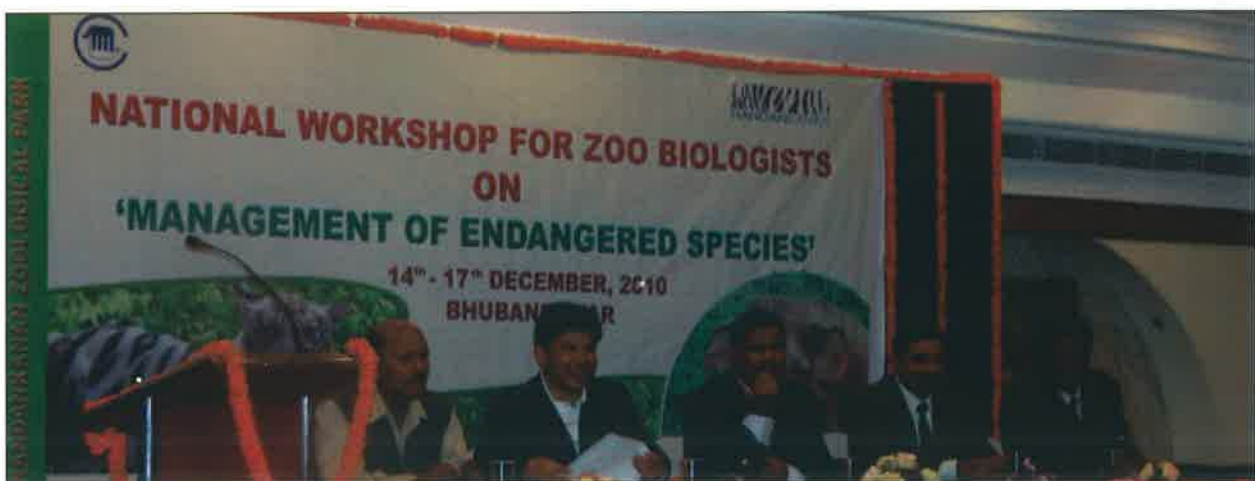
5.1.3 The Central Zoo Authority in collaboration with National Institute of Animal Welfare, Ballabgarh organized a training programme on “Different aspects of animal welfare in zoos” for the lower level of personnel working in the zoos at Bhallabgarh from 28th June – 2nd July, 2010.



Participants of SPARK training program at Chennai

5.1.4 The Central Zoo Authority organized training programme on “SPARKS software” at Chennai from November 22-26, 2010 and Guwahati from 30th November – 4th December, 2010 for the record keepers of zoos in collaboration with Arignar Anna Zoological Park and Assam State Zoo Guwahati respectively for better record keeping in zoos.

5.1.5 A workshop for the zoo biologists on “Endangered Species Management” was organized at Bhubaneswar in collaboration with Nandankanan Zoological Park, Bhubaneswar during December 14-17, 2010.



Biologist workshop at Bhubaneswar, Odisha



Participants of SPARK training program at Guwahati

5.1.6 A training programme for the zoo veterinarian on “Protocol on safety & veterinary care of wild animals during transportation with special reference to deer species” was organized at Chennai in collaboration with Madras Veterinary College and Arignar Anna Zoological Park Chennai during January 24-28, 2011.



Workshop for the Zoo Veterinarian on preparation of "Protocol of Transportation of Animal"

5.1.7 The Central Zoo Authority provided financial assistance to zoos at Sarahan, Mysore, Guwahati and Ahmedabad for organizing two-week training programme for the zoo keepers on "Management of birds in captivity with special reference to pheasants" on regional basis.

5.1.8 The Central Zoo Authority sponsored Dr. Sudarshan Panda, Director, Nandankanan Zoological Park, Bhubaneshwar and Shri B.K. Gogoi, Pathologist, Assam State Zoo Guwahati for attending the Endangered Species Recovery Course organized by the "Durrell Wildlife Conservation Trust, Jersey UK" during July 12-30, 2009.

5.1.9 Shri B.S. Bonal, Member Secretary, Central Zoo Authority attended 65th meeting of the WAZA & CBSG held at Cologne, Germany during October 14-21, 2010.



Member Secretary CZA with Executive Director WAZA, Dr. Jerald Dick & Future Organizers of WAZA (Czech Republic, Disney World US, India & Australia) annual meeting

6.0 Research & Education

The Central Zoo Authority has awarded small grant research project to Madras Crocodile Bank Trust, Mamallapuram for conducting study on the anti-venom requirement vis-à-vis handling of the snakes with the grant of Rs. 2.845 lakh for the duration of 5 months.

The Central Zoo Authority has also approved a grant of Rs. 3.4 lakh to Association of Indian Zoos and Wildlife Veterinarian, Bareilly for the publication of Book in Hindi on "Indian Endangered Wildlife-Management and Conservation" with the duration of ten months.

The Central Zoo Authority has awarded a research project to Centre for Environment Education, Ahmedabad for "Developing manual for the zoo educators" with the grant of Rs. 12.21 lakhs for 18 months period.

The Central Zoo Authority has approved the grant of Rs. 17,76,144 to Wildlife SOS, New Delhi for preparation and updating, studbooks of sloth bear, Himalayan black bear, Brown bear and Malayan sun bear housed in the Indian zoos for five year period and released Rs. 3.52 lakhs during first year.



Indian Gaur - Arignar Anna ZP

Himalayan black bear



7.0 Publication of Newsletter

The CZA has decided to publish a Newsletter on Zoos through outsourced firm/organization who will directly collect the information from zoos and publish the same under the supervision of CZA through editorial board. This Newsletter on Zoos will have information on important events of zoos such as birth of endangered species, zoo education programme, adoption schemes in zoos, awareness campaign in zoos, CZA, and zoo announcements, zoo news, and circular etc. It is also decided that the last few pages (one or two) of the Newsletter should be dedicated for coverage of global news relating to foreign zoos, and may be designated as Global News Section.

The proposed Newsletter will be in colour and published quarterly with 500 hard copies. The Newsletter will also be uploaded on the CZA website for wider dissemination. The Newsletter will have 20 pages (8.5' x 11') with thickness of 170 GSM.

8.0 Financial assistance to Zoos

8.1 Improvement of zoos

During the financial year 2010-11, the Central Zoo Authority has released Rs. 13,34,74,000 for improvement of zoos including the maintenance of the rescue centre, conservation breeding, research & trainings as per the details given below:

S. No.	State	Name of the Zoo	Name of particulars	Amount (₹)
1	Andhra Pradesh	Sri Venkateswara Zoological Park	Feeding Cost Of Rescued Animals	49,00,000
2	Andhra Pradesh	Indira Gandhi Zoological Park	Feeding Cost of Rescued Animals	90,55,000
3	Andhra Pradesh	Nehru Zoological Park	Out sourcing of supporting Staff	4,80,000
4	Arunachal Pradesh	Biological Park, Itanagar	Const of Hoolock Gibbon enclosure	64,00,000
			Const. of Squeeze Cage	2,00,000
			Construction of Tiger Enclosure	19,52,000
			Tranquilizing equipment and medicines	2,98,000
5	Assam	Assam State Zoo Cum Botanical Garden	Const. of Parking place on Entry	1,44,500
			Construction of rhino enclosure	64,13,000
			Zoo keepers Training	3,20,000
			Sparks training workshop at Guwahati	9,20,000
			Development works	2,72,500
6	Chhattisgarh	Kanan Pandari Zoo	preparation of master plan	80,000
7	Gujarat	Kamla Nehru Zoological Garden	Security Fencing	10,00,000
			preparation of master plan	2,80,000
8	Gujarat	Rajkot Zoo	Construction of Enclosure for Deer	62,67,000
9	Gujarat	Sakkarbaug Zoo	preparation of master plan	1,20,000
10	Gujarat	Sundervan Nature Discovery Centre	preparation of master plan	70,000

11	Haryana	Mini Zoo, Bhiwani	preparation of master plan	40,000
12	Haryana	Mini Zoo, Pipli	preparation of master plan	40,000
13	Haryana	Rohtak Zoo	preparation of master plan	40,000
14	Himachal Pradesh	Sarahan Pheasantry	Zookeepers Training	3,20,000
15	Himachal Pradesh	Nehru Pheasantry	Preparation of master plan	40,000
16	Haryana	Vulture Conservation Breeding Center	Workshop	10,17,000
17	Jharkhand	Tata Steel Zoological Park	Preparation of master plan	60,000
18	Karnataka	Rescue Centre, Bannerghatta	Feeding Cost of Rescued Animals	1,63,75,000
19	Karnataka	Sri Chamarajendra Zoological Gardens	Zookeepers Training	3,20,000
20	Maharashtra	People for Animals, Shelter House	preparation of master plan	40,000
21	Maharashtra	Rajiv Gandhi Zoological Park and Wildlife Research Center	Black buck Beer encls	6,00,000
			Boundary Wall and CCTV	7,00,000
			Const. of Squeeze Cage	8,40,000
			Laying water Pipe Lines	22,00,000
22	Madhya Pradesh	Van Vihar National Park Zoo	Feeding Cost of Rescued Animals	23,00,000
23	Mizoram	Aizawl Zoo (Mizoram Zoo)	Construction of Retaining Wall	10,00,000
			Construction of Boundary Wall	6,00,000
			Construction of Road	2,00,000
			Hoolock gibbon enclosure	3,00,000
			Zoo Visitors Facility	1,80,000
24	Odisha	Nandankanan Biological Park	Publication of Guidebooks,	1,22,000
			Pamphlets Biologist Workshops	1,80,000
25	Punjab	Mahendra Chaudhury Zoological Park	Purchase of Equipment for postmortem Room	7,00,000
			preparation of master plan	2,40,000
			Extension of Animal enclosures	13,93,000

26	Rajasthan	Nahargarh Biological Park	Feeding Cost of Rescued Animals	64,00,000
27	Tamil Nadu	Amirdhi Zoo	Preparation of master plan	30,000
28	Tamil Nadu	Arignar Anna Zoological Park	Const of Open Moated encls for Blackbuck & Spotted deer	46,00,000
			Construction of Sambar Enclosure	46,00,000
			Sparks training workshop at Chennai	9,24,000
29	Tamil Nadu	Chennai Snake Park Trust	Construction of Reptile house	89,000
			Interpretation Centre	25,9000
30	Tamil Nadu	Children's Corner	Const of Compound wall & Boundary Wall	17,00,000
			Improvement of Bird Aviary	22,50,000
31	Tamil Nadu	Madras Crocodile Bank Trust/Centre for Herpetology	Study on Snakes	1,42,250
32	Tamil Nadu	Rescue Centre, Arignar Anna Zoological Park	Feeding Cost of Rescued Animals	71,22,000
33	Tripura	Sepahijala Zoological Park	Providing signages in animal enclosure	13,650
			Setting up of conservation breeding centre	1,26,86,000
34	Tamil Nadu	V.O.C. Park Mini Zoo	Preparation of master plan	80,000
35	Uttar Pradesh	Lucknow Zoological Park	Construction of Boundary Wall	17,86,000
			Construction of Enclosures	8,47,000
			Signage Board Animal Enclosure	6,90,000
			Preparation of master plan	2,40,000
36	Uttar Pradesh	Sarnath Deer Park	Relaying roads & Foot path	4,85,000
			Signage Board Animal Encls	1,67,500
			fixing wire mesh	15,00,000
37	Uttarakhand	Pt. Govind Ballabh Pant High Altitude Zoo	Purchase of computer for use in	50,000
			ARKs software	

38	West Bengal	Padmaja Naidu	Behaviour study on conservation Bear Park Record keeping in zoos (Small grant fellowship)	86,800 1,01,800
39	West Bengal	Alipore Zoological Garden	Reconstruction of Animal Enclosure	1,38,05,000
40	West Bengal	South Khairbari Leopard Safari And Rehabilitation Centre	Feeding Cost of Rescued Animals	28,00,000
		Grand Total (₹)		13,34,74,000

The Central Zoo Authority also released an amount of US \$ 34260.68 to International Species Information System (ISIS), USA as fee against the sponsorship of membership of 57 major Indian zoos and 4 related organization for the use of software as advance for the year 2010.



Slender billed vulture at VCBC, Pinjore

8.2 Grants released to Rescue Centres

Apart from the other financial assistance to zoos, the Central Zoo Authority has provided an amount of Rs. 489.52 lakhs to seven rescue centres created at Bangalore, Chennai, Tirupati, Visakhapatnam, Bhopal, Jaipur and South-Khairabari (West Bengal) for maintenance (including feed and medicines etc.) and rehabilitation of lions and tigers rescued from the circuses as per the details given below:

S.No.	Rescue Facility/Zoo	No. of animals	Amount given (in lakhs)	Total amount (in lakhs)
1	Bannerghatta Biological Park, Bangalore	66 L+2 T, (*2L died)	40.0 + 112.0 +11.75	163.75
2	Sri Venkateswara Zoological Park, Tirupati	56 L (*2L died)	30.0 + 19.0	49.00
3	Arignar Anna Zoological Park, Vandalur	35 L+7 T	30.0+23.0+18.22	71.22
4	Indira Gandhi Zoological Park, Visakhapatnam	37 L+12 T	30.0 + 37.0 + 23.55	90.55
5	Nahargarh Biological Park, Jaipur	29 L+15 T (*2L+1T died)	30.0 + 34.0	64.00
6	South Khairabari Rescue Centre, Cooch Bihar, West Bengal	8 T	20.0 + 8.0	28.00
7	Van Vihar National Park & Zoo, Bhopal	11 L+2 T	15.0 +8.0	23.00
	Total	234 L+46 T		489.52
		(*6 L+1 T died)		

L = Lion, T = Tiger (* Animals reported dead during the same financial while releasing the amount)

Report on annual accounts of the central Zoo Authority for the year of 2010- 2011 is placed as Schedules in annexure-1. Audit report prepared by the Comptroller and Auditor General of India are placed as Annexure II, III & IV .

Annexure I

FORM OF FINANCIAL STATEMENTS
(NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
BALANCE SHEET AS AT 31.03.2011

CORPUS/CAPITAL FUND AND LIABILITIES Schedule		(Amount in ₹)	
		Current Year	Previous Year
Corpus/Capital Fund	1	61,11,440	57,16,344
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	52,84,047	30,741
TOTAL		1,13,95,487	57,47,085
ASSETS			
Fixed Assets	8	13,06,454	14,51,847
Investments- From Earmarked Endowment Funds	9	Nil	Nil
Investments-Others	10	Nil	Nil
Current Assets, Loans, advances Etc.	11	100,89,033	42,95,238
Miscellaneous Expenditure (to the extent not written off or adjusted)		Nil	Nil
TOTAL		1,13,95,487	57,47,085
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 31.03.2011

(Amount in ₹)

INCOME	Schedule	Current Year	Previous Year
Income from Sales/Services	12	Nil	Nil
Grants/Subsidies	13	17,35,00,000	17,50,00,000
Fees/Subscriptions	14	3,95,500	1,50,400
Income from Investments	15	Nil	Nil
(Income on Investment 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	16,930	4,665
TOTAL (A)		17,39,12,430	17,51,55,065
EXPENDITURE			
Establishment Expenses	20	75,28,392	69,19,800
Other Administrative Expenses etc.	21	2,79,58,892	1,88,67,478
Expenditure on Grants, Subsidies etc.	22	13,78,08,784	14,73,00,061
Interest	23	Nil	Nil
Depreciation (Net Total at the year-end -Schedule 8)	8	2,21,266	2,68,348
TOTAL (B)		17,35,17,334	17,33,55,687
Excess of Income over Expenditure (A-B)		3,95,096	17,99,378

Transfer to Special Reserve (Specify each)		Nil	Nil
Transfer to/from General Reserve		Nil	Nil
Balance Being Surplus Carried to Corpus/Capital Fund		3,95,096	17,99,378
Balance Being Deficit Carried to Corpus/Capital Fund		Nil	Nil
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		

FORM OF FINANCIAL STATEMENTS
(NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
RECEIPTS AND PAYMENTS FOR THE PERIOD/YEAR ENDED 31.03.2011

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	Amount in ₹	
				CURRENT YEAR	PREVIOUS YEAR
I. Opening Balances			1. Expenses		
(a) Cash in Hand			(a) Establishment Expenses (corresponding to Schedule 20)	75,28,392	78,53,830
Imprest	15,000	15,000			
(b) Bank Balances			(b) Administrative Expenses (corresponding to Schedule 21)	57,01,146	72,32,456
i) In current accounts	29,59,333	28,15,914			
ii) In deposit accounts	NIL	NIL			
iii) Savings accounts	Nil	Nil			
II. Grants Received			II. Payments made against funds for various projects		
(a) From Government of India	173,500,000	175,000,000	(Name of the fund or project should be shown along with the particulars of payments made for each project)		
(b) From State Government	NIL	Nil			
(c) From other sources (details) (Grants for capital & revenue exp. To be shown separately)	Nil	Nil	I) Grants-in-aid to Zoos	13,78,08,784	14,73,00,061
			ii) Monitoring & Evaluation of Zoos	12,41,626	6,07,457
			iii) Research Projects	87,59,900	49,72,026
			iv) Training, Workshop Conference	12,252,379	59,83,151

			v) Education & Awareness	NIL	Nil
			vi) Exgratia payment to closed mobile zoos	NIL	NIL
			vii) Transportation of Animals	0	76,700
III. Income on Investments from	Nil	Nil	III. Investments & deposit made		
(a) Earmarked/Endow Funds	Nil	Nil	(a) Out of Earmarked/Endowment funds	Nil	NIL
(b) Own Funds (Oth. Investment)			(b) Out of own funds (Investments-Others)	Nil	NIL
IV. Interest Received			IV. Expenditure on fixed Assets & capital work-in-progress		
(a) On bank deposits	0		(a) Purchase of fixed assets	75,873	1,55,742
(b) Loans, Advances etc.			(b) Expenditure on capital work-in-progress	Nil	NIL
V. Other Income (Specify)			V. Refund of surplus money/loans		
Fees received from Zoos with Application of Recognition	3,95,500	1,50,400	(a) to the Government of India	Nil	NIL
Fees received from Application under RTI	4,436	4,595	(b) to the State Government	Nil	NIL
			© to other providers of funds	Nil	NIL
VI. Amount Borrowed			VI. Finance Charges (Interest)		
VII. Any other receipts (give details)			VII Other Payments (Specify)		
(a) Misc. Receipts	0	70	(a) Payment of TDS	2,69,585	3,17,072
(i) Unspent balance of Gr. In Aid refunded by Zoos/CPWD	Nil	Nil	(b) Security Deposit (Released)	NIL	NIL
b) Interest on Car/Scooter Adv.	12,494	Nil	© Amount adjustable (By other deptt.)	Nil	NIL
© Security deposit					
(d) Recovery of Advances	6,28,974	99,997	(d) Staff advances	4,25,582	9,34,700

(e) Recovery of TDS	2,69,585	3,17,072	(e) Payment to other Depatt, (Recoveries from pay bills)	4,03, 995	5,74, 016
(f) Staff car recovery	0	4,480	(f) Bank Charges	Nil	Nil
(g) License fee	Nil	NIL			
(h) Recovery from pay bills, adjustable by other Departments	4,03,995	5,74,016			
(I) Sale proceed of assets	Nil	NIL			
(j) GIA refunded (Unspent GIA)	52,34,065				
(k) Leave salary and pension contribution received back	15,400	NIL	VIII. Closing Balances		
			(a) Cash in Hand		
			Imprest	15,000	15,000
			(b) Bank Balances	89,56,520	29,59,333
			(I) In current accounts	Nil	Nil
			(ii) In deposit accounts		
			(iii) Savings accounts	Nil	Nil
TOTAL	18,34,38,782	17,89,81,544		18,34,38,782	17,89,81,544

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2011
SCHEDULE 1 - CORPUS/CAPITAL FUND

	Amount in ₹	
	Current Year	Previous Year
SCHEDULE 1 - CORPUS/CAPITAL FUND:		
Balance as at the beginning of the year	57,16,344	37,88,952
Add: Contributions towards Corpus/CZA Fund	Nil	
Add: Balance of net income Transferred from the Income and Expenditure Account	3,95,096	17,99,378
Deduct: Balance of net expenditure Transferred from the Income and Expenditure Account	Nil	Nil
BALANCE AS AT THE YEAR - END	61,11,440	55,88,330

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2011

SCHEDULE 7 -CURRENT LIABILITIES AND PROVISIONS

	Amounts in ₹	
	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	52,34,065	Nil
(iii) Security refundable	20,000	20,000
TOTAL (A)	52,54,065	20,000
B. PROVISIONS		
1. For Taxation	Nil	Nil
2. Gratuity	Nil	Nil
3. Superannuation/Pension		
(i) Contribution to supperannuation scheme	Nil	Nil
4. Accumulated Leave Encashment	Nil	Nil

5. Trade Warranties/Claims	Nil	Nil
6. Others (Specify)		
Telephone Charges Payable	14,582	10,741
Leave salary & Pension Contribution	15,400	Nil
Audit Fees Payable	Nil	Nil
TOTAL (B)	29,982	10,741
TOTAL (A+B)	52,84,047	30,741

FINANCIAL STATEMENTS (NON-PROFIT ORGANIZATION)

NAME OF ENTITY : CENTRAL ZOO AUTHORITY
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2011

Schedule 8- Fixed Assets

DESCRIPTION	Amounts in ₹												
	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
	04/10-09/10	10/10-03/11					04/10-09/10	10/10-03/11					
Vehicle	1,05,554				1,05,554	15%	15,833	-	-		15,833	89,721	1,05,554
Furniture, Fixtures	9,56,239	16,614			9,72,853	10%	95,624	1,661	-		97,285	8,75,568	9,56,239
Office equipment	3,53,183	24,950			3,78,133	15%	52,977	3,743	-		56,720	3,21,413	3,53,183
Computer/peripherals	29,429	19,950			49,379	60%	17,657	11,970	-		29,627	19,752	29,429
Library Books	7,442	14,359			21,801	100%	7,442	14,359	-		21,801	-	7,442
TOTAL FOR THE CURRENT YEAR	14,51,847	75,873			15,27,720		1,89,534	31,733			2,21,266	13,06,454	14,51,847
PREVIOUS YEAR	15,64,453		1,55,742	0	17,20,195		2,13,351	43,125	11,872		2,68,348	14,51,847	15,64,453

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2011
SCHEDULE 11 -CURRENT ASSETS, LOANS, ADVANCES ETC.

(Amount in ₹)		
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	89,56,520	29,59,333
- 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
TOTAL (A)	89,71,520	29,74,333

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2011

SCHEDULE 11 -CURRENT ASSETS, LOANS, ADVANCES ETC.(Contd.)

		(Amount in ₹)	
B. LOANS, ADVANCES AND OTHER ASSETS:		Current Year	Previous Year
1. Loans:			
a) Staff		11,01,791	11,84,891
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 MOEF		7722	128014
Advance Payment to CPWD/supplier			
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)		11,17,513	13,20,905
TOTAL (A + B)		1,00,89,033	42,95,238

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 31.03.2011

SCHEDULE 13 - GRANTS/SUBSIDIES

(Amount in ₹)

(Irrevocable Grants & Subsidies Received)	Current Year	Previous Year
1. Central Government	17,35,00,000	17,50,00,000
2. State Government(s)	Nil	Nil
3. Government Agencies	Nil	Nil
4. Institutions/Welfare Bodies	Nil	Nil
5. International Organisations	Nil	Nil
6. Others (Specify)	Nil	Nil
Total	17,35,00,000	17,50,00,000
Unspent balance of last year	Nil	Nil
TOTAL	17,35,00,000	17,50,00,000

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART INCOME & EXPENDITURE

FOR THE PERIOD/YEAR ENDED 31.03.2011

SCHEDULE 14 - FEES/SUBSCRIPTIONS

(Amount in ₹)

	Current Year	Previous Year
1. Entrance Fees	Nil	Nil
2. Annual Fees/Subscriptions	Nil	Nil
3. Seminar/Program fees	Nil	Nil
4. Consultancy Fees	Nil	Nil
5. Others (Specify)	Nil	Nil
Received from Zoos with application for Recognition/ Renewal	3,95,500	1,50,400
TOTAL	3,95,500	1,50,400

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD / YEAR
ENDED 31.03.2011

SCHEDULE 21- OTHER ADMINISTRATIVE EXPENSES ETC.

(Amount in ₹)

	Current Year	Previous Year
a. Purchases (Stationary)	1,44,826	1,58,349
b. Conveyance and Cartage	37,756	1,06,566
c. Repairs and maintenance	1,06,726	96,343
d. Vehicles Running Expenses	1,56,566	1,79,680
e. Vehicals Maintenance	58,209	76,284
f. Postage, Telephone and Communication Charges (Provision of Rs.14,582/-)**	3,08,471	5,10,604
g. Printing, Publication and Periodicals	4,01,688	13,65,153
h. Travelling Expenses	16,44,224	8,23,628
I. Legal Expenses	76,155	10,990
j. Hospitality Expenses	93,271	70,801
k. Advertisement and Publicity	1,55,449	17,93,353
l. Audit Fees		1,90,035
m. Others (specify)		
Bank Charges	1,441	13,895
Other Office expenses	4,18,417	15,08,527
Membership fees	21,01,788	3,23,936
Dificit on sale of unusable assets	Nil	Nil
Total (I)	57,04,987	72,28,144

II. Payments Against Various Projects		
Expenses on Training, Workshop & Conferences	1,22,52,379	59,83,151
Expenses on Research Projects	87,59,900	49,72,026
Monitoring & Evaluation Of Zoos	12,41,626	6,07,457
Ex-Gratia Payment to closed Mobile Zoos	Nil	Nil
Transportation Of Animals	Nil	76,700
Total (II)	2,22,53,905	1,16,39,334
III. Unspent balance of GIA refundable to Ministry		
TOTAL (I+II+III)	2,79,58,892	1,88,67,478
** Provisions of Telephone charges accrued during the F.Y. 2010-11 but will be paid during F.Y. 2011-12		

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2011

SCHEDULE 22- EXPENDITURE ON GRANTS, SUBSIDIES ETC.

(Amount in ₹)

	Current Year	Previous Year
a. Grant given to Institutions/Organisations		
Grant released to various zoos	13,78,08,784	14,73,00,061
Unspent grants-in-aid refundable to ministry	Nil	Nil
b. Subsidies given to Institutions/Organisations	Nil	Nil
TOTAL	13,78,08,784	14,73,00,061

ANNEXURE-II

Separate Audit Report of the Comptroller and Auditor General of India on the Accounts of Cental Zoo Authority, for the year ended 31 March, 2011.

1. We have audited the attachment Balance Sheet of Central Zoo Authority, as on 31 March 2011, the income & Expenditure Accounts and the Receipts and 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. Ours 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 & Regularity) and efficiency-cum-performance aspect, 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 accountings principles used and significant estimates made by management ,as well as evaluating the overall presentation of Financial statements. We believe that our audit provides a reasonable basis for our opinion.
4. Based on our audit, we report that :
- (i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
 - (ii) The **Balance Sheet**, Income & Expenditure Account and Receipt & Payment Account dealt with by this report have been drawn up in the format approved by the Ministry of Finance.
 - (iii) In our opinion, proper books of accounts and other relevant records have been maintained by the CZA as required under Section 38G of the Wildlife (Protection)Act, 1972 in so far as it appears from our examination of such books.
 - (iv) We Further report that :
 - A) Balance Sheet**
 - Understatement of Assets.**

1.1 Expenditure of Rs 2,15,134/- was incurred by CZA form its own grant towards National Boards for Wildlife during 2009-10. The Authority had however not reflected the same on the assest side of the Balance Sheet resulting in the understatement of Assets to this extent during 2009-10. Wildlife Division of MoEF had reimbursed this expenditure during May 2010. The Authority adjusted this amount from Schedule 11- Current Assets, Loans Advance etc. during 2010-11, without the same amount being booked during 2009-10 in this head, resulting in understatement of this head by Rs. 2,15,134/-

B) Receipt & Payment Account

1) Rs.18.48 lakh provided for training programme was booked under schedule 22-Grants released to various zoos, instead of Schedule 21-Expenses on Training, workshop and Conferences. This resulted in overstatement of Schedule 22-"Grants released to various zoos" and understatement of Schedule 21- "Expenses on Training, Workshop and Conferences".

C) General

Grants-in-Aid

1) During the year 2010-11, the Authority received grants of 1787.34 lakhs (1735.00 lakh for 2010-11 and 52.34 lakh unspent balance of 2009-10). Out of grants-in-aid of 1787.34 lakhs, the Authority utilized a sum of 1735.00 lakh during 2010-11, resulting in unspent balance of 52.34 lakh.

D) Management letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of the Member Secretary, CZA 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 Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.

(vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subjects to the significant matters stated above and other matters mentioned in Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India.

a. In so far as it relates to the Balance sheet of the state of affairs of the CZA, as at 31st March 2011; 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

Gestali Tare

Principal Director of audit (SD)

Place: New Delhi

Date: 04.11.2011

Separate Audit Report of CAG

1. Adequacy of internal Audit system:

There is no internal audit wing in Central zoo authority. Internal audit of CZA has been conducted for the first time during 2010-11 by the PAO, MOEF for the period April 2007 to March 2010.

2. Adequacy of the Internal control system:

There is scope of some improvement in the Internal Control system of Central zoo authority as the following deficiencies were noticed:

I. The expenditure Control register to ensure that the expenditure under various heads remained within budget allocations was not maintained

II. The Broad sheets to monitor the recovery of long term advances was also not maintained

III. A valuable register is required to be maintained in which the Cheques/DDs received from outside are to be entered for watching timely deposits of Cheques /DDs. However, the same is not being maintained at CZA.

IV. OTA, Local conveyance Register and telephone register were not maintained. In absence of these registers, the limit of OTA/local conveyance prescribed by Authority could not be verified in Audit. EMD/Security register is not being maintained.

V. Stock register of TR-5 was also not maintained.

3. System of Physical Verification of Inventory:

Physical verification of library books stationery and consumable items has been conducted.

3. System of Physical Verification of assets.:

Physical verification of Assets has been conducted.

4. Regularity in payment of statutory dues:

The Central Zoo Authority was regular in depositing statutory dues.

Imbi
Smit

Dy. Director (EA)

ANNEXURE-IV

Management Letter

1. On the request of Wildlife Division of MoEF, the authority incurred an expenditure of Rs.33750 during March 2011 from its grant. The authority had, However , not reflected the same on the asset side on the Balance sheet resulting in understatement of assets to this extent.
2. The Authority charged depreciation on library books at the rate of 100% instead of 60%. This resulted in understatement of assets and overstatement of expenditure to the tune of rs 18239/- during 2009-10 and rs 8720/- during 2010-11.
3. As per condition (I)of Memorandum of Understanding, various zoos receiving grants in aid from the CZA were required to furnish to CZA a statement of Assets created out of grant by 31st May after end of each Financial Year. It was, However, noticed that only 15 zoos had furnished a statement of assets for few years only till 31-03-2011. Further , the whole amount of grant to zoos in respect amounting toRs. 13.78 crore was depicted as revenue expenditure, which in incorrect.
4. The authority releases grants to various zoos. It was observed that Utilization Certificates for Rs. 28.10 crores were still awaited form seventy one zoos in respect of grants released from 2002-03 till 2008-09.
5. The Grants-in-Aid register was not found properly maintained. The UCs recieved were not shown in number of cases. The total grant issue and total amount for which UCs were pending at the year-end were not worked out at the year end.
6. As per MOU with zoos,any refund of the grant was required to be refunded along with interest. Out of the grants released by the Authority to various zoos during the previous years, an amount of RS 52.34 lakhs was refunded by zoos. The reasons for not recovering the interest on the refund of grant of Rs.52.34 Lakhs need to be explained.
7. The total value of assest (Gross Block) and total depreciation up to the beginning of the year were not depicted in the Schedule 8 of the Balance Sheet in the absence of which the total gross block of Assets and depreciation could not be verified in audit.



MEMORANDUM OF UNDERSTANDING BETWEEN
CENTRAL ZOO AUTHORITY, REPUBLIC OF INDIA
AND WILDLIFE RESERVES SINGAPORE

Central zoo Authority ("CZA") of Annexe-VI, Bikaner House, Shahjahan Road, New Delhi, 110011 India; and

Wildlife Reserves Singapore ("WRS") of 80 Mandal Lake Road, Singapore 729826, which owns and manages the Jurong Bird Park, Night Safari and Singapore Zoo,

(hereinafter referred to as the "**Parties**"), with the mutual objective to foster closer professional zoo relationship as well as to protect and conserve threatened wildlife and habitats, agree to the following:

1. Both Parties shall promote and coordinate mutual staff exchanges for training in technical and management aspects of Zoo-related and Conservation and Research matters.
2. WRS shall annually sponsor economy class air fare, food and lodging for two (2) senior management from selected Indian Zoos, for a two-week attachment at WRS for training in zoo management and the CZA will annually sponsor economy class air fare, food and lodging for two (2) official (resource person/participant) from Wildlife Reserve Singapore to participate in workshops organize by the CZA for Zoo Directors, Veterinarians, Biologists and Educators which are generally for four days of duration in India.
3. In addition to two (2) senior management officials sponsored by WRS, as clause 2, the CZA may sponsor 2 to 4 management officials/ Keepers/ Biologists/ Veterinarians from Indian Zoos during the period at its own cost or vice-versa to attend workshop etc.
4. Both Parties shall promote and coordinate the exchange of Zoo animal specimens to improve genetic diversity, ensure sustainable captive breeding, enhance species existence in captivity and highlight species diversity for the respective animal collections.

5. Both Parties shall undertake joint Conservation and Research projects in Southeast and South Asia that may include in-situ work, habitat protection, public education and awareness, environmental issues and capacity building of range country staff.
6. Both Parties will be the channel of cooperation on Conservation and Research projects between the two regions i.e. WRS for the southeast Asian region and CZA for the South Asian region and will endeavour to represent the interests of zoological institutions in the parties' specific regions.

Wildlife Reserves Singapore Group



7. Both Parties shall promote and coordinate cultural exchanges that can include performances, exhibitions, festivals, documentary and film screenings, and community activities.
8. Details of the above and other joint undertakings and co-operations will be established in separate formal agreement between CZA and WRS to indicate the exact right and responsibilities of both Parties.
9. The MOU is executed in two original sets and each party will hold one original set.
10. Both Parties agree that this MOU shall be valid and effective for a period of three (3) years from the date written below, and may be extended for such period(s) by mutual agreement in writing.
11. Either Party may terminate this MOU by giving six (6) months notice in writing, without affecting other formal agreements undertaken by both Parties as a result of this MOU.
12. Both Parties acknowledge and consent to the use of the other party's trademarks strictly for the purposes of this MOU and no other use of reproduction is allowed except with the written consent of the Party who owns the rights.
13. All communications between the Parties and all information and other material supplied to or received by either of them from the other which is either marked "confidential" or is by its nature intended to be exclusively for the knowledge of the recipient alone, any information concerning the business transactions or financial arrangements of either Party shall be kept confidential by the recipient and no disclosure is allowed except to its officers or employees, on a strictly need-to-know

basis or with the prior written consent of the Disclosing Party or if the information is publicly available or the disclosure is required by law.


14. This MOU constitutes an expression of the Parties' mutual good faith only and does not constitute a legally binding offer or contract. Nothing in this MOU shall be construed to create a relationship between any two or more of the Parties of agency, partnership, joint venture or any other similar arrangement, or to render any Party liable for any debts or obligations incurred by either of the others.

The Parties have duly executed this MOU as of the day and year written below.



Ms Fanny Lai
Group CEO

For and on behalf of
Wildlife Reserves Singapore



B.S. Bonal
Member Secretary
For and on behalf of
Central Zoo Authority
Republic of India

06/10/10
ms/CZA

Dated this 6th OCT 2010 2010

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.03.2011

SCHEDULE 18 - OTHER INCOME

(Amount in ₹)

	Current Year	Previous Year
1. Profit on Sale/disposal of Assets :		
a) Owned Assets	Nil	Nil
b) Assets acquired out of grants, or received free of cost	Nil	Nil
2. Export Incentives realized	Nil	Nil
3. Fees for Miscellaneous Services (RTI)	4436	4595
4. Miscellaneous Income	12494	70
Total	16930	4665

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2011

SCHEDULE 20 - ESTABLISHMENT EXPENSES

(Amount in ₹)

	Current Year	Previous Year
a) Salaries and Wages	65,18,303	65,97,953
b) Allowances and Bonus	24,178	27,632
c) Contribution to Provident Fund	Nil	Nil
d) Contribution to Other Fund (specify)		Nil
Superannuation Scheme	1,65,881	Nil
e) Staff Welfare Expenses	8,20,030	3,31,557
f) Expenses on Employees' Retirement & Terminal Benefits	Nil Nil	Nil Nil
g) Others (specify)	Nil	(-) 37342
Leave Salary & Pension Contributions	Nil	Nil
TOTAL	75,28,392	69,19,800



जहाँ है हरियाली।
वहाँ है खुशहाली।।

Ministry of Environment & Forests,
Govt. of India

Central Zoo Authority

Bikaner House, Annexe- VI, Shahjahan Road,
New Delhi-110 011, India

Ph. No.: 0091-11-23381585, 23073072, 23070375

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Central Zoo Authority
केन्द्रीय चिड़ियाघर प्राधिकरण