

# Annual Report 2011-12



**CENTRAL ZOO AUTHORITY**  
**केन्द्रीय चिड़ियाघर प्राधिकरण**

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

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## 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 Wildlife (Protection) Act, 1972 to oversee the functioning of zoos in India and provide them technical assistance. In addition to this, another objective was to prevent further mushrooming of new Zoos in India. Raising existing standard of animals' upkeep and veterinary care in zoos has been prime concern for the CZA.

The CZA framed Recognition of Zoo Rules, 1992 to ensure the well being of animals in the captivity and subsequently reviewed, revised and replaced by the Recognition of Zoo Rules, 2009 to provide more facilitation to zoos in management activities. The 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 Sub-committee 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 and restructuring of CZA 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 Members of the CZA in editing and formatting of annual report.

(B.S. Bonal)  
Member Secretary  
Central Zoo Authority



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## 1. Introduction

The Central Zoo Authority (CZA) 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 9<sup>th</sup> 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

The 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 self sufficient.



Asiatic Lion cub at Sakkarbaug Zoo, Junagadh



Clouded leopard cubs at Sepahijala Zoological Park, Agartala

### 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.



### 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.





Phrayes leaf monkey (*Presbytis phayrei*) at Sepahijala Zoological Park, Agartala, Tripura

Photo: Dr. Brij Kishor Gupta



Nilgiri langur (*Trachypithecus johnii*) at Arignar Anna Zoological Park, Vandalur, Chennai



Red pandas (*Ailurus fulgens*) at Padamaja Naidu Himalayan Zoological Park, Darjeeling



Western tragopan (*Tragopan melanocephalus*) at Sarahan Pheasantry, Himachal Pradesh

Photo: Dr. Brij Kishor Gupta





## 2.0 Governance

The establishment of CZA comprises of 17 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 ₹)
<b>Permanent basis</b>			
1.	Member Secretary	Shri B.S. Bonal (1 <sup>st</sup> January 2010 onwards)	37400-67000 (Grade Pay 10000)
2.	Finance Officer	Shri Dilip Kumar (since 15 <sup>th</sup> November 2010)	15600-39100 (Grade Pay 5400)
3.	Private Secretary	Mrs. Seema Burreja	9300-34800 (Grade Pay 4600)
4.	Accountant	Shri R.S. Rawat (On deputation since 10 <sup>th</sup> September 2009)	9300-34800 (Grade Pay 4200)
5.	Data Processing Assistant	Shri Vivek Goel	9300-34800 (Grade Pay 4600)
6.	Personal Assistant	Mrs. Neeti Gulati	9300-34800 (Grade Pay 4600)
7.	Upper Division Clerk	Mr. Suresh Sharma	5200-20200 (Grade Pay 2400)
8.	Lower Division Clerk	Shri Thakur Dass	5200-20200 (Grade Pay 1900)
9.	Office Peon	Shri P.K. Jha	5200-20200 (Grade Pay 1900)
10.	Office Peon	Shri Gopal Swami	4440-7440 (Grade Pay 1800)
11.	Staff Car Driver	Shri Hari Singh Bhandari	5200-20200 (Grade Pay 2400)
<b>Outsourced basis</b>			
12.	Evaluation and Monitoring Officer	Dr. Brij Kishor Gupta	37,500/-
13.	Scientific Officer	Dr. Naim Akhtar (Till 6 Sept. 2012)	31,600/-
14.	Accountant	Shri S.N. Dhaulakhandi	15,500/-
15.	Office Assistant	Ms. Madhu Bala	15,200/-
16.	Office Assistant	Mrs. Neeta Atal	14,100/-
17.	Sweeper	Smt. Radha	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 7<sup>th</sup> time in October 2010 for a period of three years vide Gazette Notification No. 2177 dated 18<sup>th</sup> October 2010 and appointed the following members with the Member Secretary as the Chief Executive Officer of the Authority.

- |     |   |                                      |
|-----|---|--------------------------------------|
| 1.  | Minister, Ministry of State (Independent Charge), Ministry of Environment & Forests, Government of India  | Chairperson<br>( <i>ex-officio</i> ) |
| 2.  | Secretary to the Government of India, Ministry of Environment & Forests, New Delhi  | Member<br>( <i>ex-officio</i> )      |
| 3.  | Director General of Forests & Special Secretary, Ministry of Environment & Forests, Government of India, New Delhi  | Member.<br>( <i>ex-officio</i> )     |
| 4.  | Additional Director General of Forests (Wildlife), and Director, Wildlife Preservation, Ministry of Environment & Forests, Government of India, New Delhi | Member<br>( <i>ex-officio</i> )      |
| 5.  | Additional Secretary and Financial Advisor, Ministry of Environment & Forests, Government of India, New Delhi   | Member<br>( <i>ex-officio</i> )      |
| 6.  | Director, Indian Veterinary Research Institute, Bareilly, Uttar Pradesh   | Member<br>( <i>ex-officio</i> )      |
| 7.  | Director, Wildlife Institute of India, Dehradun, Uttarakhand  | Member<br>( <i>ex-officio</i> )      |
| 8.  | Sh. S.K. Patnaik Retd. Chief Wildlife Warden, Bhubaneswar, Orissa, 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, Mumbai   | Member                               |
| 12. | Member Secretary, Central Zoo Authority, New Delhi  | Member<br>Secretary                  |

The 26<sup>th</sup> meetings of the Central Zoo Authority was chaired by Smt. Jayanthi Natrajan, Hon'ble Minister of State (Independent Charge), Ministry of Environment & Forests on 20<sup>th</sup> March 2012 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), Ministry of 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<br>& Special Secretary<br>Ministry of Environment & Forests,<br>Government of India, New Delhi                             | Chairperson |
| 2. Addl. Director General of Forests (WL)<br>& Director<br>Wildlife Preservation,<br>Ministry of Environment & Forests,<br>Government of India, New Delhi | Member      |
| 3. Addl. Secretary and Financial Advisor<br>Ministry of Environment & Forests,<br>Government of India, New Delhi<br>Or his representative                 | Member      |
| 4. Joint Secretary (Admn.)<br>(Incharge, General Administration)<br>Ministry of Environment & Forests,<br>Government of India, New Delhi                  | Member      |
| 5. Member Secretary<br>Central Zoo Authority, New Delhi   | Convener    |

The main functions of the Administrative Committee are:

- To screen and approve the proposals regarding creation of posts and upgradation of existing posts in the Authority.
- To approve proposals for awarding consultancies, outsourcing of services/ manpower and contract appointments to Group 'A' posts.
- To approve annual budget of the Central Zoo Authority.
- 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. An meeting of the Administrative committee was held on 21 November 2011 during the period of report.





## 2.3 Technical Committee

The Technical Committee of the Central Zoo Authority was reconstituted with the approval of the Minister of State (Independent Charge), Ministry of Environment & Forests 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, Odisha, Bhubaneshwar   | 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 Mumbai  | Member      |
| 9. Sh. B.S. Bonal Member Secretary, Central Zoo Authority New Delhi   | Convener    |



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.

58<sup>th</sup>, 59<sup>th</sup>, 60<sup>th</sup> and 61<sup>st</sup> meeting of the Technical Committee of CZA were held on 8<sup>th</sup> June 2011, 28<sup>th</sup> September 2011, 14<sup>th</sup> December 2011, and 21<sup>st</sup> February 2012 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<br>Retd. Addl. DGF (WL),<br>411, New Delhi Apartments, Plot No. 7,<br>Vasundhara Enclave, Delhi –1100 96   | Member<br>(Co-ordinator<br>Sub-Group I)    |
| 2. | Shri S.K. Patnaik<br>Retd. CWLW (WL), (Odisha),<br>Budheswari Colony,<br>Bhubaneswar – 751 006 (Odisha)   | Member<br>(Co-ordinator<br>Sub-Group II)   |
| 3. | Shri R.S. Bhadauria, IFS<br>Retd. PCCF (Uttar Pradesh)<br>B-116, Indira Nagar,<br>Lucknow – 243 403 (Uttar Pradesh)   | Member<br>(Co-ordinator<br>Sub-Group III), |
| 4. | Shri A.S. Dogra<br>Retd. PCCF (Punjab)<br>H. No. 256,<br>Sector 37-A,<br>Chandigarh (Punjab)  | Member<br>(Co-ordinator<br>Sub-Group IV)   |
| 5. | Shri Kartick Satyanarayan<br>Wildlife S.O.S., D-210, Defence Colony,<br>New Delhi – 110024  | Member                                     |
| 6. | Prof. (Dr.) Surinder Suneja<br>Department of Landscape Architecture,<br>School of Planning & Architecture,<br>4, Block B, Indraprastha Estate,<br>New Delhi – 110 002 | Member                                     |
| 7. | Prof. (Dr.) Rommel Mehta<br>School of Planning & Architecture,<br>Block -4, Indraprastha Estate,<br>New Delhi – 110 002   | Member                                     |





Hoolock gibbon at Pt. Gobind Ballabh Pant High Altitude Zoo, Nainital

- |     |  |        |
|-----|--|--------|
| 8.  | CCU (Chief Engineer)<br>Ministry of Environment & Forests,<br>Room No. 728, 7 <sup>th</sup> Floor,<br>CGO Complex, Paryavaran Bhawan,<br>Lodhi Road, New Delhi – 110 001 | Member |
| 9.  | M. Shaheer<br>Retd. Professor<br>School of Planning and Architecture, 168/7, 2 <sup>nd</sup> Floor Sarai<br>Julena, Okhla Road, New Delhi – 110 025                      | Member |
| 10. | Dr. Brij Kishor Gupta<br>Zoo Biologist<br>C-280, Beta – I,<br>Greater Noida – 201 308 (Uttar Pradesh)  | Member |
| 11. | Sh. Himanshu Malhotra<br>C-50, Defence Colony,<br>New Delhi – 110 024  | Member |
| 12. | Dr. A.K. Malhotra<br>F 801, Neel Padam 1,<br>Vaishali, Sector-5,<br>Ghaziabad – 201 010 (Uttar Pradesh)  | Member |







## 2.5 Appraisal Committee for Elephants housed in Zoos

An appraisal committee was reconstituted with the approval of Additional Director General of Forests (Wildlife), 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 7<sup>th</sup> 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 18<sup>th</sup> May, 2010 vide letter F. No. 26-1/2010-CZA (M) with the following members:

- (i) Shri Kartick Satyanarayan  
Wildlife S.O.S., New Delhi
- (ii) Mrs. Suparna Baksi-Ganguly  
Compassion Unlimited Plus Action  
(CUPA),  
Bangalore



Elephants at Dr. K. Shivaram Karanth Pillikula Biological Park, Mangalore, Karnataka





(iii) Dr. K.K. Sarma  
College of Veterinary Science  
Assam Agriculture University,  
Khanpara, 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 which 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:

### Composition of the Committee

- |   |                   |
|---|-------------------|
| 1. Shri. B.S. Bonal<br>Member Secretary,<br>Central Zoo Authority,  | Member/ Convener, |
| 2. Director<br>Or his representative,<br>Wildlife Institute of India,<br>PB No. 18, Chandrabani,<br>Dehradun – 248 001 (Uttarakhand)  | Member            |
| 3. Dr. B.R. Sharma<br>Former Member Secretary, CZA<br>511, Sky Lark Apartment,<br>Sector – 6, Dwarka,<br>New Delhi  | Member            |
| 4. Dr. Vibhu Prakash<br>Principal Scientist,<br>Bombay Natural History Society,<br>Vulture Conservation Breeding Programme,<br>B-3, Forest Complex, Pinjore – 134 102 (Haryana) | Member            |





## 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 deemed to be think fit for identifying the areas or issues of conservation breeding. The Expert Group shall hold meetings as and when required.

The Expert Group on Conservation Breeding had its three sittings on 28<sup>th</sup> July 2011 (3<sup>rd</sup> Meeting), 24<sup>th</sup> October 2011 (4<sup>th</sup> Meeting), and 6<sup>th</sup> January 2012 (5<sup>th</sup> Meeting) to discuss the various proposal on Conservation Breeding and preparing guidelines on Conservation Breeding Programme.



Expert Group on Conservation Breeding of Central Zoo Authority





## 3.0 Restructuring of Central Zoo Authority

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:

### 3.1 Creation of regional offices of the CZA

As per the approval, creation of four regional offices of the CZA at Jaipur, Nagpur, Guwahati and Hyderabad including the posting of four posts of DIG on regular basis, and twenty posts below Pay Band 4 on outsourcing basis, to man the regional offices is being work out. 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, and New Delhi.

### 3.2 Strengthening the staff structure at headquarter

As per aforesaid notification following technical and scientific post have been approved for the CZA:-

S.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/short-term contract
3.	Scientific Officer	PB-3	15600-39100	5400	2	Deputation/ Direct
4.	Evaluation & Monitoring Assistant (EMA)	PB-2	9300-34800	4200	1	Deputation/ Direct
5.	Technical Assistant (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

Recruitment Rules for the above permanent post are being vetted by the Ministry of Law & Justice Affair, Govt. of India. Thereafter, recruitment process will be initiated. Process on hiring of Staff on outsourcing basis has already been initiated.



## 4.0 Functioning of the CZA

### 4.1 Technical Evaluation and Grant of Recognition to Zoos

The Central Zoo Authority evaluated 30 zoos during the year 2011-12 as per the details given below. Of these, 3, 7, 8, and 12 were Large, Medium, Small and Mini category zoos respectively. Apart from this, 9 zoos were evaluated as mid term.

#### List of Zoo Evaluated during 2011-2012

##### Large Category Zoos

S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Date of Evaluation
1.	Andhra Pradesh	Nehru Zoological Park, Hyderabad	Sh. P. C. Tyagi Dr. M. G. Jayathangaraj	22-23.06.2011
2.	Assam	Assam State Zoo, Guwahati	Sh. P. C. Tyagi Dr. Pradeep K. Malik	14-15.09.2011
3.	Gujarat	Kamla Nehru Zoological Garden, Ahmedabad	Sh. S. K. Patnaik Dr. L. N. Acharjyo	12-13.12.2011

##### Medium Category Zoos

S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Date of Evaluation
4.	Tripura	Sepahijala Zoological Park, Agartala	Dr. Jacob Panor Dr. Brij Kishor Gupta	19-21.05.2011
5.	Kerala	Thiruvananthapuram Zoo, Thiruvananthapuram	Dr. Brij Kishor Gupta Dr. M. G. Jayathangaraj	26.08.2011 & 05.08.2011
6.	Andhra Pradesh	Sri Venkateswara Zoological Park, Tirupati	Sh. P. C. Tyagi Dr. M. G. Jayathangaraj	25.06.2011
7.	Karnataka	Sri Chamarajendra Zoological Gardens, Mysore	Dr. R. G. Jani Sh. A. Agnihotri	13.10.2011
8.	Karnataka	Bannerghatta Biological Park, Bangalore	Dr. R. G. Jani Sh. A. Agnihotri	12-13.10.2011
9.	Rajasthan	Jaipur Zoo, Jaipur	Dr. A. K. Malhotra Sh. B. N. Malhotra Sh. A. S. Dogra	25.11.2011
10.	Maharashtra	V. J. B. Udyan-Zoo, Byculla, Mumbai	Dr. S. Panda Dr. A. B. Shrivastav	7-10.12.2011



### Small Category Zoos

S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Date of Evaluation
11.	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Sh. S. C. Sharma Dr. K. K. Sharma	19-20.04.2011
12.	Gujarat	Indroda Nature Park, Gandhinagar	Sh. S. K. Patnaik Dr. L. N. Acharjyo	12.12.2011
13.	Meghalaya	Nehru Park Zoo, Tura	Sh. R. C. Bhattacharjee	8-9.05.2011
14.	Rajasthan	Safari Park, Haridas-Ji-Ki-Magri, Udaipur	Dr. Brij Kishor Gupta	25.05.2011
15.	Maharashtra	Rajiv Gandhi Zoological Parks and Wildlife Research Centre, Katraj, Pune	Dr. Brij Kishor Gupta Dr. K. K. Sarma Mrs. Suparna Baksi Ganguly	20/21.06.2011
16.	Jharkhand	Bhagwan Birsa Biological Park, Ranchi	Dr. R. G. Jani Dr. Vibhu Prakash	23.12.2011
17.	Odisha	Wild Animal Conservation Centre, Motijharan, Sambalpur	Dr. Avijit Biswas	26/27.11.2011
18.	Madhya Pradesh	Kamla Nehru Prani Sangrahalaya, Indore	Sh. B. S. Bonal Sh. S. C. Sharma Sh. A. K. Malhotra	28.02.2012

### Mini Category Zoos/ Rescue Centres

S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Date of Evaluation
19.	Arunachal Pradesh	Roing Mini Zoo, Roing	Sh. S. S. Rao	10.07.2011
20.	Arunachal Pradesh	Mini Zoo, Miao	Sh. S. S. Rao	10.07.2011
21.	Maharashtra	Snake Park, Shetkari Shikshan Mandal, Belgaun	Dr. Brij Kishor Gupta Sh. Neelim Kumar Khaire	19.06.2011
22.	Kerala	Parassinikkadavu Snake Park, Kannur	Sh. B. S. Bonal Dr. Brij Kishor Gupta	10.12.2011
23.	Orissa	Papadahandi Deer Park, Nabrangpur District	Sh. G. Ramalingam	29.04.2011
24.	Haryana	Hanuman Vatika (Rescue Centre) at Village Sultanpur Jheel, Gurgaon	Dr. Brij Kishor Gupta	21.07.2011





25.	Haryana	Vulture Conservation Breeding Centre, Pinjore	Dr. B. R. Sharma	20.11.2011
26.	Jharkhand	Mini Zoo, Muta	Dr. Mir M. Mansoor	28.11.2011
27.	Kerala	Lion Safari at Neyyar Dam, Thiruvananthapuram	Sh. B. G. Mugadur	08.12.2011
28.	Mizoram	Deer Park, Thenzawl	Sh. A. K. Bhowmik	29.12.2011
29.	Uttarakhand	Malsi Deer Park, Dehradun	Sh. B. S. Bonal	25.12.2011
30.	Arunachal Pradesh	Centre for Bear Rehabilitation and Conservation, Pakke	Sh. R. C. Bhattacharjee	12-13.02.2012

### Mid-Term Evaluation

S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Date of Evaluation
31.	Karnataka	Kittur Rani Chennamma Nisargadhama, Bhutaramanahatti at Belgaum	Dr. Brij Kishor Gupta Sh. Neelim Kumar Khaire	19.06.2011
32.	Uttar Pradesh	Kanpur Zoological Park, Kanpur	Sh. B. S. Bonal	07.08.2011
33.	Uttar Pradesh	Kukrail – Gharial and Turtle Breeding Centre, Lucknow	Sh. S. K. Patnaik Dr. A. K. Sharma Sh. Kartick Satyanarayan	08.06.2011
34.	Haryana	Mini Zoo, Bhiwani	Sh. B. S. Bonal	21.08.2011
35.	Haryana	Rohtak Zoo, Rohtak	Sh. B. S. Bonal	20.08.2011
36.	Rajasthan	Panchwati Deer Park, Pilani	Sh. B. S. Bonal	22.08.2011
37.	Maharashtra	V. J. B. Udyan-Zoo, Byculla, Mumbai	Sh. B. S. Bonal Dr. Brij Kishor Gupta	18.01.2012
38.	Dadra & Nagar Haveli	Lion Safari, Vasona	Sh. B. S. Bonal Dr. Brij Kishor Gupta	22.01.2012
39.	Maharashtra	Sanjay Gandhi National Park-Zoo, Borivali, Mumbai	Sh. B. S. Bonal Dr. Brij Kishor Gupta	19.01.2012

### Zoos Granted Recognition during 2011-2012

The Central Zoo Authority granted renewal of recognition to 55 zoos during the year 2011-12 as per the details given below. Of these 3, 9, 18 and 25 were Large, Medium, Small and mini category zoos Rescue centres/circuses respectively.



### Large Category Zoos

S. No.	Name of the State	Name of the Zoo	Recognition granted up to
1.	Andhra Pradesh	Nehru Zoological Park, Hyderabad	31.10.2016
2.	Assam	Assam State Zoo, Guwahati	31.12.2015
3.	Gujarat	Kamla Nehru Zoological Garden, Ahmedabad	31.12.2015

### Medium Category Zoos

S. No.	Name of the State	Name of the Zoo	Recognition granted up to
4.	Kerala	State Museum and Zoo, Thrissur	31.07.2013
5.	Tamil Nadu	Children Park, Guindy	31.07.2015
6.	Tripura	Sepahijala Zoological Park, Agartala	31.07.2015
7.	Andhra Pradesh	Sri Venkateswara Zoological Park, Tirupati	31.10.2015
8.	Kerala	Thiruvananthapuram Zoo, Thiruvananthapuram	31.10.2015
9.	Karnataka	Sri Chamarajendra Zoological Gardens, Mysore	31.12.2015
10.	Karnataka	Bannerghatta Biological Park, Bangalore	31.12.2015
11.	Rajasthan	Jaipur Zoo, Jaipur	31.12.2013
12.	Maharashtra	V. J. B. Udyan-Zoo, Byculla, Mumbai	31.12.2015

### Small Category Zoos

S. No.	Name of the State	Name of the Zoo	Recognition granted up to
13.	Chhattisgarh	Kanan Pendari Zoo, Bilaspur	30.04.2014
14.	Chhattisgarh	Maitri Baag Zoo, Bhilai	30.04.2014
15.	Chhattisgarh	Nandan Van Zoo, Raipur	31.07.2013
16.	Gujarat	Dr. Shayama Prasad Mukherjee Zoological Gardens, Surat	30.04.2013
17.	Maharashtra	Maharajbagh Zoo, Nagpur	30.04.2013
18.	Tamil Nadu	Chennai Snake Park, Chennai	31.07.2015
19.	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	31.07.2015
20.	Gujarat	Indroda Nature Park, Gandhinagar	31.12.2015
21.	Gujarat	Rajkot Municipal Zoo, Rajkot	31.07.2014
22.	Meghalaya	Lady Hydari Park, Shillong	31.07.2014



23.	Meghalaya	Nehru Park Zoo, Tura	31.07.2014
24.	Rajasthan	Kota Zoo, Kota	31.07.2014
25.	Rajasthan	Safari Park, Haridas-Ji-Ki-Magri, Udaipur	31.07.2014
26.	Tamil Nadu	V. O. C. Park Mini Zoo, Coimbatore	31.07.2013
27.	Maharashtra	Rajiv Gandhi Zoological Parks and Wildlife Research Centre, Katraj, Pune	31.10.2015
28.	Karnataka	Children's Park-cum-Zoo, Bellary	31.12.2013
29.	Jharkhand	Bhagwan Birsa Biological Park, Ranchi	31.03.2016
30.	Odisha	Wild Animal Conservation Centre, Motijharan, Sambalpur	31.03.2016

### Mini Category Zoos/Rescue Centres

S. No.	Name of the State	Name of the Zoo	Recognition granted up to
31.	Haryana	Wildlife Rescue Centre at Gopalpur	30.04.2013
32.	Kerala	Sri Lok Nayak Jayaprakash Narayan Smrithi Van Deer Park, Walayar	30.04.2013
33.	Kerala	Malampuzha Snake Park, Malampuzha	30.04.2013
34.	Kerala	Kodanadu Mini Zoo, Kodanadu	30.04.2013
35.	Kerala	Parassinikkadavu Snake Park, Kannur	31.03.2014
36.	Odisha	Harishankar Deer Park, Balangir	31.05.2013
37.	Tamil Nadu	Mid-term evaluation of Shivganga Garden Mini Zoo, Thanjavur	30.04.2013
38.	Maharashtra	People for Animals – Rescue Centre, Wardha	30.04.2013
39.	Karnataka	Deer Park, NMDC Ltd., Bellary	30.04.2013
40.	West Bengal	Marble Palace Zoo, Kolkata	31.05.2013
41.	West Bengal	Calcutta Snake Park, Kolkata	30.04.2013
42.	Andhra Pradesh	Deer Park, Basant Nagar, Karimnagar District	31.05.2012
43.	Arunachal Pradesh	Roing Mini Zoo, Roing	31.10.2014
44.	Arunachal Pradesh	Mini Zoo, Miao	31.10.2014
45.	Himachal Pradesh	Sarahan Pheasantry, Sarahan, Rampur	31.10.2014





46.	Maharashtra	Snake Park, Shetkari Shikshan Mandal, Belgaun	31.10.2014
47.	Orissa	Papadahandi Deer Park, Nabrangpur District	31.10.2014
48.	Haryana	Hanuman Vatika (Rescue Centre) at Village Sultanpur Jheel, Gurgaon	31.10.2013
49.	Karnataka	People for Animals Rescue and Rehabilitation Centre, Bangalore	31.12.2013
50.	Delhi	Deer Park, Hauz Khas	Issued Show cause notice vide letter dated 20.03.2012 for non-compliance of conditions.
51.	Jharkhand	Mini Zoo, Muta	31.03.2014
52.	Kerala	Lion Safari at Neyyar Dam, Thiruvananthapuram	31.03.2014
53.	Mizoram	Deer Park, Thenzawl	31.03.2014
54.	Haryana	Vulture Conservation Breeding Centre, Pinjore	31.12.2013
55.	Uttarakhand	Malsi Deer Park, Dehradun	31.03.2014



One Horned Rhinoceros at Assam State Zoo, Guwahati



## 4.2. List of the recognized zoos as on 31<sup>st</sup> March 2012

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 Recognition 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 meet 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:

	Category	Name of zoo	City	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 Pililkula 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	Thiruvananthapuram	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	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)	Bellary	Karnataka
39	Small Zoo	Children Park & Zoo (Gadag Zoo)	Gadag	Karnataka
40	Small Zoo	Tiger & Lion Safari	Shimoga	Karnataka
41	Small Zoo	Parassinikkadavu Reptile Park	Kannur	Kerala
42	Small Zoo	Gandhi Zoological Park	Gwalior	Madhya Pradesh
43	Small Zoo	Kamla Nehru Prani Sanghralaya 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 (Mizoram 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 Zoo)	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	Mahabalipuram	Tamil Nadu
63	Small Zoo	V.O.C. Park Mini Zoo	Coimbatore	Tamilnadu
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, Hyderabad	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	Kinnersari	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 Zoo)	Muta	Jharkhand
103	Mini Zoo	Deer Park at Shri Kshetra Sogal, Soudatti	Belgaum	Karnataka
104	Mini Zoo	Deer Park, NMDC Ltd.	Donimalai	Karnataka
105	Mini Zoo	Indira Priyadarshini Sangrahalaya, Anagodu	Davangere 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	Ernakulam	Kerala
114	Mini Zoo	Kodanadu Zoo	Kodanadu	Kerala
115	Mini Zoo	Lion Safari Park at Nayyar Dam (Nayyar Mini Zoo)	Thirunvananthapuram	Kerala
116	Mini Zoo	Snake Park, Malampuzha	Malampuzha	Kerala
117	Mini Zoo	Sri Lok Nayak Jaya Prakash Narayan Smrity Van Deer Park	Walayar	Kerala
118	Mini Zoo	Maharaja Shahaji Chhatrapati Zoo	Kolhapur	Maharashtra
119	Mini Zoo	Sanjay Gandhi National Park and Zoo	Borivali	Maharashtra
120	Mini Zoo	Snake Park, Shikshan Mandal	Kolhapur	Maharashtra
121	Mini Zoo	Lady Hydari Park Animal Land (Meghalaya Zoo)	Shillong	Meghalaya
122	Mini Zoo	Nehru Park Zoo, Danakgre, Tura	Akhongini Tura	Meghalaya
123	Mini Zoo	Deer Park, Thenzawl	Thenzawl	Mizoram
124	Mini Zoo	Nagaland Zoological Park, Rangapahar	Dimapur	Nagaland





125	Mini Zoo	Deer Park, Berhampur Unit	Berhampur	Orissa
126	Mini Zoo	Deer Park, Papadahandi	Nawarangpur	Orissa
127	Mini Zoo	Gharial Research & Conservation Unit	Tikarpara	Orissa
128	Mini Zoo	H.A.L. Deer Park, Koraput	Sunabeda	Orissa
129	Mini Zoo	Harishankar Deer Park	Balangir	Orissa
130	Mini Zoo	Kuanria Deer Park, Nayagarh Forest Division	Nayagarh	Orissa
131	Mini Zoo	Municipality Deer Park	Cuttack	Orissa
132	Mini Zoo	Taptapani Deer Park	Parlakhemundi	Orissa
133	Mini Zoo	Deer Park, Bir Talab	Bhatinda	Punjab
134	Mini Zoo	Deer Park, Neelon	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, Aonla	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 Zoological Park)	Gorakhpur	Uttar Pradesh
148	Mini Zoo	Deer Park, Narain Tewari Dewal (Almora Zoo)	Almora	Uttarakhand
149	Mini Zoo	Malsi Deer Park (Dehra Dun Biological 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	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 Centre	Anantapur District	Andhra Pradesh
183	Rescue Center	Visakha Society for Protection and Care of Animals	Vishakhapatnam	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	Gurgaon	Haryana
187	Rescue Center	Vulture Conservation Breeding Center	Pinjore	Haryana
188	Rescue Center	Wildlife Rescue Centre	Gurgaon	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	Hemalkara	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	Keetham, Agra	Uttar Pradesh
197	Rescue Center	Nature Park at Taratola Road	Kolkata	West Bengal
198	Rescue Center	Pugmarks - PFA Sanitketan Rescue Centre	Kolkata	West Bengal



Vulture Nest at Vulture Conservation Breeding Centre, Sakkarbaug Zoo, Junagadh



### 4.3 Conservation Breeding Programme

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

Details of the financial assistance provided under the Conservation Breeding Programme is given below:-



Photo: WPA, India

Cheer pheasant (*Catreus wallichii*)-Male



Photo: Dr. Brij Kishor Gupta

Lion Tail Macaque (*Macaca silenus*)



Photo: Nehru Zoological Park, Hyderabad

Mouse deer (*Moschiola indica*)



Photo: Dr. Brij Kishor Gupta

Hoolock gibbon (*Hoolock hoolock*)

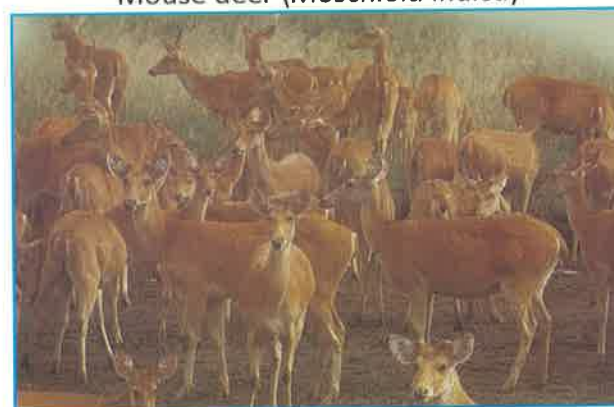


Photo: Dr. Brij Kishor Gupta

Sangai deer (*Rucervus eldii eldii*)



Photo: Dr. Brij Kishor Gupta

White backed vulture (*Gyps bengalensis*)



S. No.	Name of zoo	Species	Activity	Amount in ₹ (lakhs)
1	Padmaja Naidu Himalayan Zoological Park, Darjeeling, W. B.	Himalayan Salamander	Establishing off display Conservation Breeding Centre	7.52
		Snow leopard and Red panda	Installation of night vision cameras for monitoring purpose	4.81
		Red Panda and Snow leopard	Upgradation of soft release facility of at Garibas and construction of off display conservation breeding facility of Red Panda and S. leopard at Topkedra	215.18
2	Biological Park, Itanagar, Arunachal Pradesh	Hoolock gibbon	Feed and maintenance & Fellowship and salary for Biologist and Keeper	11.51
3	Hangul Conservation Breeding Centre, Shikargah, Traal, Forest Department, J&K	Hangul	Establishing off display Conservation Breeding Centre	22.18
4	Sepahijala Zoological Park, Agartala, Tripura	Clouded leopard, Spectacle langur, Binturong and Pig tailed macaque	Fellowship and salary for Biologist and Keeper	2.44
			for construction of storing facility for Conservation Breeding facility	2.71
			Additional grant for installing solar nights and power back up system at CB facility	12.90
5	Nandankanan Zoological Park, Bhubaneswar, Odisha	Indian pangolin	for research on conservation Breeding and installation of monitoring cameras	14.0
6	Assam State Zoo, Guwahati, Assam	Golden langur	Establishing off display Conservation Breeding Centre	54.18
7	Old Kohima Zoo, Nagaland	Blyth's tragopan	Establishing off display Conservation Breeding Centre	89.20
8	Nehru Zoological Park, Hyderabad, A.P.	Vultures	Feed, maintenance, and wages of Biologist and keeper	5.97
		Mouse deer	Feed, maintenance, and wages of Biologist and keeper	4.29

Target is to have at least 100 properly bred and genetically, physically and behaviorally healthy individuals of each targetted species in captivity in India for proper display and as insurance for future exigencies.



## 4.4 Exchange/Transfer of animals by zoos approved by CZA

Twenty Eight exchange proposals of animals between Indian zoos and eight exchange proposals between Indian and foreign zoos have been approved by the authority during the year 2011-12.

### 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.	<b>Sakkarbaug Zoo, Junagadh</b>		<b>M. C. Zoological Park, Chhatbir</b>	
	Asiatic lion	0:1	Red jungle fowl	2:2
	Leopard	1:1	Spot billed duck	0:0:4
	White peafowl	1:1	Shikra	0:0:2
	White spoonbill	2:2	Zebra finch	0:0:8
	White ibis	2:2	Black pigeon Jacobin	0:0:6
2.	<b>Sakkarbaug Zoo, Junagadh</b>		<b>Jodhpur Zoo, Jodhpur</b>	
	Leopard	1:0	Flamingo greater	1:0
	White peafowl	2:2		
	Spoonbill White	1:1		
	Love bird	5:5		
	Grey Cocktail	5:5		
	Painted Stork	1:1		
	Silver pheasant	1:2		
3.	<b>Sakkarbaug Zoo, Junagadh</b>		<b>Udaipur Zoo, Udaipur</b>	
	Leopard	0:1	Flamingo greater	1:1
	White peafowl	2:2	Duck Shoveller	0:0:2
	Spoonbill White	1:1	Vulture long billed	0:0:2
	Lovebird	5:5		
	Grey Cocktail	5:5		
	Painted Stork	1:1		
	Silver pheasant	1:2		
	White ibis	2:2		





4.	<b>National Zoological Park, New Delhi</b>		<b>M. C. Zoological Park, Chhatbir</b>	
	White tiger	0:1	Swamp deer	1:0
	Common palm civet	1:1	Blackbuck (albino)	1:1
	White ibis	0:0:8	Hog deer	1:0
	Rosy pelican	0:0:4	Barking deer	1:1
	Cobra	0:0:4	Indian porcupine	0:0:3
	Rat snake	0:0:4		
	Monitor lizard	0:0:4		
5.	<b>Sakkarbaug Zoo, Junagadh</b>		<b>Sepahijala Zoological Park, Tripura</b>	
	Four Horned antelope	1:1	Leopard cat	1:1:0
	Star tortoise	2:2:0		
6.	<b>Jaipur Zoo, Jaipur</b>		<b>National Zoological Park, New Delhi</b>	
	Indian wolf	1:1	White tiger	0:1
7.	<b>Jaipur Zoo, Jaipur</b>		<b>Jodhpur Zoo, Jodhpur</b>	
	Indian wolf	0:1	---	---
8.	<b>Biological Park, Itanagar</b>		<b>Bhagwan Birsa Biological Park, Ranchi</b>	
	Royal Bengal tiger	1:1	Spotted deer	2:2
	Dove spotted	3:3		
9.	<b>Assam State Zoo, Guwahati</b>		<b>Nandan Van Zoo, Raipur</b>	
	Royal Bengal tiger	1:1	Four horned antelope	2:2
	Himalayan black bear	1:1	Monitor lizard	1:1
10.	<b>Assam State Zoo, Guwahati</b>		<b>Indira Gandhi Zoological Park, Visakhapatnam</b>	
	Brow antlered deer	1:2	Sloth bear	1:1
	Rosy pelican	2:2	Ring necked pheasant	1:1
	Black bear	1:1	Golden pheasant	1:1
	Leopard cat	1:1	Bonnet macaque	2:4
11.	<b>Sri Venkateswara Zoological Park, Tirupati</b>		<b>Sri Chamarajendra Zoological Gardens, Mysore</b>	
	Sloth bear	3:1	Indian gaur	1:2
	Chousinga	1:1	---	---



12.	<b>Bannerghatta Biological Park, Bangalore</b>		<b>Renuka Zoo, Renuka</b>	
	Lion	1:1	----	---
13.	<b>Chennai Snake Park, Chennai</b>		<b>Kolkata Snake Park, Kolkata</b>	
	Marsh crocodile	0:10	Water monitor	0:0:3
	Nile crocodile	2:3	Yellow monitor	3:5
	Reticulated python	1:2	Monocled cobra	3:3
14.	<b>Jaipur Zoo, Jaipur</b>		<b>Kota Zoo, Kota</b>	
	Royal Bengal tiger	0:1	---	--
15.	<b>Nandankanan Zoological Park, Bhubaneshwar</b>		<b>Jaipur Zoo, Jaipur</b>	
	Hippopotamus	1:1:0	Indian wolf	1:1:0
	Zebra finch	2:2:0	Blackbuck	2:2:0
	Java sparrow	2:2:0	----	---
16.	<b>Gandhi Zoological Park, Gwalior</b>		<b>Nandan Van Zoo, Raipur</b>	
	Crocodile	0:0:8	Lion	1:0
	Blue bull	0:1	---	--
17.	<b>Lucknow Zoological Gardens, Lucknow</b>		<b>Van Prani Udyan, Izatnagar, Bareilly</b>	
	Hog deer	1:2	----	---
18.	<b>Amte's Animal Ark, Hemalkasa, Gadchiroli</b>		<b>Rajiv Gandhi Zoological Park &amp; Wildlife Research Centre, Pune</b>	
	Jungle cat	2:1	---	---
19.	<b>Padmaja Naidu Himalayan Zoological Park, Darjeeling</b>		<b>Himalayan Zoological Park, Gangtok, Sikkim</b>	
	Kalij pheasant	1:1	Red panda	1:1
20.	<b>Deer Park, NFCL, Kakinada</b>		<b>Deer Park, GVK Industries, Jegrupadu</b>	
	Sambar	1:0	---	----
21.	<b>Nandankanan Zoological Park, Bhubaneswar</b>		<b>M. C. Zoological Park, Chhatbir</b>	
	White tiger	0:1	White buck	1:1
	Zebra	0:1	Leopard	1:1
	--	---	Saras crane	1:0
	---	---	Zebra	1:0



22.	<b>Panchwati Deer Park, Pilani</b>		<b>Udaipur Zoo, Udaipur</b>	
	Chinkara	1:6	---	---
	Blackbuck	0:6	---	----
23.	<b>Sakkarbaug Zoo, Junagadh, Gujarat</b>		<b>Dr. Shyama Prasad Mukherjee Zoological Garden, Surat, Gujarat</b>	
	Asiatic lion	1:1	Indian Lorikeet	1:1
	Silver pheasant	0:2	African grey parakeet	1:1
	Ring necked pheasant	1:1	Emu	1:1
	Comb duck	1:1	Jackal	0:2
	Thamin deer	1:2	Caiman crocodile	1:1
			Siamensis crocodile	1:1
			Four horned antelope	2:0
24.	<b>Sakkarbaug Zoo, Junagadh, Gujarat</b>		<b>Arignar Anna Zoological Park, Vandalur, Chennai</b>	
	Indian Wild ass	1:1	Nilgiri langur	1:1
	Lion Asiatic	1:1	Python reticulated	1:1
	---	----	Civet common palm	1:2
25.	<b>Maharaj Baag Zoo, Nagpur</b>		<b>Kanan Pendari Zoo, Bilaspur</b>	
	Tiger	0:1	Blackbuck	0:2
			Jackal	0:2
26.	<b>Sepahijala Zoo, Sepahijala, Tripura</b>		<b>Biological Park, Itanagar, Arunachal Pradesh</b>	
	Clouded leopard	1:1	Hoolock gibbon	0:1
27.	<b>Kanpur Zoological Park, Kanpur</b>		<b>Jaipur Zoo, Jaipur</b>	
	Thamin deer	1:1	Sika deer	1:1
28.	<b>Wildlife Animal Conservation Centre, Motijharan, Sambalpur</b>		<b>Nandankanan Zoological Park, Bhubaneshwar</b>	
	Four-horned antelope	2:3	---	---



#### 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.	Nurnberg Zoo, Germany Snow leopard 0:1	Padmaja Naidu Himalayan Zoological Park, Darjeeling ---	---
2.	Leipzig Zoo, Leipzig, Germany ---	Sri Chamarajendra Zoological Gardens, Mysore Sloth bear 2:2 against the 2:2 Cheetah	---
3.	National Zoological Gardens of South Africa, Pretoria, South Africa African lion 2:3	Tata Steel Zoological Park, Jamshedpur ---	---
4.	Royal Zoological Society of Scotland Satyr tragopan 2:1 Temminick's tragopan 4:2	Padmaja Naidu Himalayan Zoological Park, Darjeeling ---	---
5.	Paradise Wildlife Park, U. K. Satyr tragopan 2:0 Temminick tragopan 2:0	Padmaja Naidu Himalayan Zoological Park, Darjeeling ---	---
6.	Adelaide Zoo, Australia Red panda 0:1	Padmaja Naidu Himalayan Zoological Park, Darjeeling Red panda 1:0	---
7.	Zoo Zlin, Czech Republic Brown Capuchin monkey ( <i>Cebus paella</i> ) 3:4:1	Sri Chamarajendra Zoological Gardens, Mysore ---	---
8.	Zoo Dvur Kralove, Czech Republic Cheetah 2:2 ---	Nehru Zoological Park, Hyderabad Asiatic lion 1:1 <i>Gavialis gangeticus</i> 0:5	---



King Cobras at Dr. K. Shivaram Karanth Pillikula Biological Park, Mangalore, Karnataka



## 4.5 Maintenance of Studbooks

The Central Zoo Authority is compiling the National studbooks/animal profiles of 44 species taken up under the Conservation Breeding Programme. The Wildlife Institute of India, Dehradun has submitted final report to zoos and CZA on preparation and updating the National studbooks of 14 of 45 identified wild animal species. The CZA has also approved financial grant of Rs. 52.67 lakhs for Wildlife Institute of India, Dehradun for preparing and updating studbooks of 34 endangered species (14 old and 20 new) for five year period.

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 humaie*)
9. Indian Pangolin (*Lepus nigricollis*)
10. Lion-tailed Macaque (*Macaca silenus*)
11. Long-billed vulture (*Gyps indicus*)
12. Malayan sun bear (*Helarctos 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 benegalensis*)
23. Wild dog (*Cuon alpinus*)
24. Cheer pheasant (*Catreus wallichi*)
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 (*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*)



Photo: Dr. Brij Kishor Gupta

Snow leopard (*Uncia uncia*) at Padamaja Naidu Himalayan Zoological Park, Darjeeling





## 4.6. Improved Planning Process of Zoos

### 4.6.1 Master Plan

The Central Zoo Authority is assisting recognized zoos in finalization of Master plans for detailed long term future development. The Central Zoo Authority has received 163 detailed Master Plans. The CZA is also reviewing the previously granted approval for master layout plans of 43 zoos and master plan of the 13 zoos to ensure the more insight of CZA for better development of the zoos.

During the current financial year; CZA has approved in principal master plan of the 18 zoos as for detail given below:-

S. No.	Name of the Zoo
1.	Lucknow Zoological Garden, Lucknow
2.	Nandankanan Zoological Park, Bhubaneswar
3.	Kamla Nehru Zoological Garden, Ahmedabad
4.	Tata Steel Zoological Park, Jamshedpur
5.	Sundervan Nature Discovery Centre, Ahmedabad
6.	Bhagwan Birsa Biological Park, Ranchi
7.	Deer Park, Chittoor
8.	M. C. Zoological Park, Chhatbir, Punjab
9.	Centre for Bear Rehabilitation and Conservation, Pakke, Arunachal Pradesh
10.	Centre for Wildlife Rehabilitation and Conservation, Borjuri Assam
11.	Leopard Rescue Centre at Manikdoh, Borjuri Maharashtra
12.	Relocation of Sayaji Baug Zoo, Vadodara to new site at Ajwa, Vadodara, Gujarat
13.	Chennai Snake Park, Chennai, Tamil Nadu
14.	Safari Park Haridas-ji-ki Magri, Udaipur, Rajasthan
15.	Vulture Conservation Breeding Centre, Pinjore
16.	Mini Zoo, Bir Talab, Bhatinda, Punjab
17.	Jodhpur Zoo, Jodhpur, Rajasthan



#### 4.6.2 Master (layout) Plan

The Central Zoo Authority has also approved 49 Master (layout) plan of the following zoos till 31<sup>st</sup> March 2012.

S. No.	Name of the Zoo
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, Agra
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, Bangalore
19.	Bhagwan Birsa Biologic al 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, Odisha
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
44.	National Zoological Park, New Delhi
45.	Assam State Zoo, Guwahati, Assam
46.	Biological Park, Itanagar, Arunachal Pradesh
47.	Biological Park, Chidiyatapu, A & N Islands
48.	Padmaja Naidu Himalayan Zoological Park, Darjeeling, West Bengal
49.	Nawabganj Deer Park, Unnao





### 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 Zoos/facility
1.	Biological Park, Chidyatapu, Port Blair, Andaman & Nicobar
2.	Deer Park- Satyam Technology Centre, Ranga Reddy, Andhra Pradesh
3.	Deer Park, Chittoor Reserve Forest, Chittoor (East) Division, Andhra Pradesh
4.	Deer Park, Kandaleru, Andhra Pradesh
5.	Deer Park, Kesoram Cement, Basant Nagar, Andhra Pradesh
6.	Deer Park, NFCL Green Belt, Kakinada, Andhra Pradesh
7.	G.V.K. Industries Deer Park, Hyderabad, Andhra Pradesh
8.	Himayat Sagar Mini Zoo, Ranga Reddy, Andhra Pradesh
9.	Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh
10.	Karimnagar Deer Park, Karimnagar, Andhra Pradesh
11.	Kinnerasari Deer Park, Kinnerasari, Andhra Pradesh
12.	Nehru Zoological Park, Hyderabad, Andhra Pradesh
13.	Pillalamarri Deer Park, Mahabub Nagar, Andhra Pradesh
14.	Sanghi Deer Park, Sanghi Nagar, Andhra Pradesh
15.	Sri Venkateswara Zoological Park, Tirupati, Andhra Pradesh
16.	Vanavigyan Kendra, Hunter Road, Hanamkonda, Warangal, Andhra Pradesh
17.	Karuna Society for Animals & Nature-Rescue Centre, Dist. Anantapur, Andhra Pradesh
18.	Visakha Society for Protection & Care of Animals, Visakhapatnam, Andhra Pradesh
19.	Centre for Bear Rehabilitation and Conservation, Pakke, Arunachal Pradesh
20.	Miao Mini Zoo, Miao, Arunachal Pradesh
21.	Mini Zoo, Roing, Roing, Arunachal Pradesh
22.	Biological Park, Itanagar, Itanagar, Arunachal Pradesh
23.	Assam State Zoo cum Botanical Garden, Guwahati, Assam
24.	Bijni Deer Park, Bongaigaon, Assam
25.	Sanjay Gandhi Biological Park, Patna, Bihar
26.	Kanan Pandari Zoo, Bilaspur, Chhattisgarh





27.	Maitri Baagh Zoo, Bhilai, Chhattisgarh
28.	Nandan Van Zoo, Raipur, Chhattisgarh
29.	Lion Safari – Vasona
30.	A. N. Jha Deer Park, Hauz Khaz, Delhi
31.	National Zoological Park, Delhi
32.	Bondla Zoo, Usgao, Goa
33.	Indroda Nature Park, Gandhi Nagar, Gujarat
34.	Kamla Nehru Zoological Garden, Ahmedabad, Gujarat
35.	Sakkarbaug Zoo, Junagarh, Gujarat
36.	Sayaji Bag Zoo (Ajwa Zoological park), Vadodara, Gujarat
37.	Sundarvan Nature Discovery Centre, Jodhpur Tekra, Ahmedabad, Gujarat
38.	Dr. Shyamaprasad Mukharjee Zoological Garden, Surat, Gujarat
39.	Rajkot Zoo, Rajkot, Gujarat
40.	Deer Park, Hissar, Haryana
41.	Mini Zoo, Bhiwani, Haryana
42.	Mini Zoo, Pipli, Haryana
43.	Rohtak Zoo, Rohtak, Haryana
44.	Wildlife Rescue Centre(Gopalpur), Gurgaon, Haryana
45.	Vulture Conservation Breeding Center, Pinjore, Haryana
46.	Dhauladhar Nature Park, Gopalpur, Himachal Pradesh
47.	Rescue and Rehabilitation Home, Tutikandi, Himachal Pradesh
48.	Himalayan Nature Park, Kufri, Himachal Pradesh
49.	Rewalsar Mini Zoo, Mandi, Himachal Pradesh
50.	Nehru Pheasantary, Mandi, Himachal Pradesh
51.	Bhagwan Birsa Biological Park (Birsa Munda), Ranchi, Jharkhand
52.	Birsa Mrig Vihar, Kalimati, Jharkhand
53.	Jawaharlal Nehru Biological Park, Bokaro, Jharkhand
54.	Tata Steel Zoological Park, Jamshedpur, Jharkhand
55.	Mugger Breeding Centre (Muta Mini Zoo), Jharkhand





56.	Deer Park, NMDC LTD., Donimalai, Karnataka
57.	Mini Zoo Adumalleshwar Gudi Balvana, Chitradurga, Karnataka
58.	Mini Zoo at Gendekatte, Hassan, Karnataka
59.	Mini Zoo cum Children Park, Gulbarga, Karnataka
60.	Namadachilume Deer Park, Tumkur, Karnataka
61.	National Park, Bannerghatta Zoological Garden, Bangalore, Karnataka
62.	Night Safari, Bannerghatta Biologica Park, Bengaluru, Karnataka
63.	Sri Chamarajendra Zoological Gardens, Mysore, Karnataka
64.	Tungabhadra Dam Mini Zoo, Bellary, Karnataka
65.	Wildlife Rescue & Rehabilitation Centre, Bangalore, Karnataka
66.	Dr. K.Shivarma Karanth Pilikula Biological Park, Mangalore, Karnataka
67.	Tiger & Lion Safari, Shimoga, Karnataka
68.	Children Park & Zoo (Gadag Zoo), Karnataka
69.	Bellary Childrens Park-cum-zoo (Bellary Zoo), Karnataka
70.	Kittur Rani Cannamma Nisarg Dhama Mini Zoo, Belgaum, Karnataka
71.	Indira Priyadarshini Sangrahalaya, Anagodu, Davangere Taluk, Karnataka
72.	People For Animals - Rescue Centre, Bangalore, Karnataka
73.	Hill Palace Zoo, Ernakulam, Kerala
74.	Snake Park, Malampuzha, Kerala
75.	State Museum & Zoo, Thrissur, Kerala
76.	Thiruvananthapuram Zoo, Kerala
77.	Kodanadu Zoo, Kerala
78.	Sri Lok Nayak Jaya Prakash Narayan Smrity Van Deer Park, Walayar, Kerala
79.	Parassinikkadavu Reptile Parl, Kanur, Kerala
80.	Gandhi Zoological Park, Gwalior, Madhya Pradesh
81.	Kamla Nehru Prani Sangrahalaya Zoo, Indore, Madhya Pradesh
82.	Van Vihar National Park Zoo, Bhopal, Madhya Pradesh
83.	Aurangabad Municipal Zoo, Maharashtra
84.	Leopard Rescue Centre, Manikdoh (Junnar), Maharashtra





85.	Maharaja Shahaji Chhatrapati Zoo, Kolhapur, Maharashtra
86.	Maharajbag Zoo, Nagpur, Maharashtra
87.	People for Animals, Shelter House, Wardha, Maharashtra
88.	Snake Park, Shikshan Mandal, Kolhapur, Maharashtra
89.	Veer mata Jijabai Bhosale Udyan & Zoo, Mumbai, Maharashtra
90.	Rajiv Gandhi Zoological Park & Wildlife Research Center, Pune, Maharashtra
91.	Nisargakavi Bahinabai Choudhary Pranisangahalaya (pimpri Chinchwad), Maharashtra
92.	Mahatma Gandhi Rashtriya Udyan Zoo, Solapur, Maharashtra
93.	Amtes Animal Ark, Wardha, Maharashtra
94.	Sanjay Gandhi National Park & Zoo, Borivali, Maharashtra
95.	Manipur Zoological Garden, Imphal, Manipur
96.	Lady Hydari Park Animal Land (Meghalaya Zoo), Umtrew, Shillong, Meghalaya
97.	Thenzawl Deer Park, Mizoram
98.	Aizawl Zoo, Aizawl, Mizoram
99.	Nagaland Zoological Park, Rangapahar, Dimapur, Nagaland
100.	Deer Park, Berhampur Unit (Bhanja Bihar Deer Park), Odisha
101.	Deer Park Papadahandi, Nabarangpur, Odisha
102.	Gharial Research & Conservation Unit, Tikarapara, Odisha
103.	H.A.L. Deer Park, Koraput, Sunabeda, Odisha
104.	Harishankar Deer Park, Balangir, Odisha
105.	Kapilash Zoo, Dhenkanal, Odisha
106.	Municipality Deer Park Cuttack, Odisha
107.	Nandankanan Biological Park, Bhubaneswar, Odisha
108.	Taptapani Deer Park, Parlakhemundi, Odisha
109.	Indira Gandhi Park Zoo, Rourkela, Odisha
110.	Wild Animal Conservation Center, Mothijharan, Sambalpur, Odisha
111.	Kuanria Deer Park, Nayagarh Forest Division, Odisha
112.	Deer Park, Bir Talab, Bhatinda, Punjab
113.	Deer Park, Neelon, Ludhiana, Punjab



114.	Ludhiana Zoo, Ludhiana, Punjab
115.	Mahendra Chaudhury Zoological Park, Chhatbir, Punjab
116.	Deer Park, Bir Moti Bagh, Patiala Zoo, Punjab
117.	Bikaner Zoo, Rajasthan
118.	Deer Park, Shri Goverdhan Trust, Udaipur, Rajasthan
119.	Jaipur Zoo, Rajasthan
120.	Jodhpur Zoo (Machia Biological Park), Rajasthan
121.	Kota Zoo, Rajasthan
122.	Panchwati Deer Park, Pilani, Rajasthan
123.	Safari Park, Haridasji-ki-Magari Udaipur, Rajasthan
124.	Sajjangarh Biological Park, Udaipur Zoo, Rajasthan
125.	Himalayan Zoological Park, Bulbuley, Gangtok, Sikkim
126.	Amirthi Zoo, Vellore, Tamil Nadu
127.	Arignar Anna Zoological Park, Vandalur, Chennai, Tamil Nadu
128.	Chennai Snake Park Trust, Guindy, Chennai, Tamil Nadu
129.	Childrens Corner, Guindy, Chennai, Tamil Nadu
130.	Kurumbapatti Zoological Park, Salem, Tamil Nadu
131.	Madras Crocodile Bank Trust/Centre For Herpetology, Mahabalipuram, Tamil Nadu
132.	Shivganga Garden Mini Zoo, Thanjavur, Tamil Nadu
133.	Nilgiri Mini Zoo and Breeding Centre, Udthagamandalam, Tamil Nadu
134.	Sepahijala Zoological Park, Agartala, Tripura
135.	Kanpur Zoological Park, Kanpur, Uttar Pradesh
136.	Lucknow Zoological Park, Uttar Pradesh
137.	Nawabganj Deer Park, Uttar Pradesh
138.	Sarnath Deer Park, Uttar Pradesh
139.	Van Prani Udyan, IVRI, Izatnagar, Bareilly, Uttar Pradesh
140.	Vinod Van Mini Zoo, Ramgarh Gorakhpur Zoological Park, Gorakhpur, Uttar Pradesh
141.	Deer Park, IFFCO Township, Anda, Bareilly, Uttar Pradesh
142.	Agra Bear Rescue Facility, Agra, Uttar Pradesh
143.	Pt. Govind Ballabh Pant High Altitude Zoo, Nainital, Uttarakhand



144.	Malsi Deer Park (Dehradun Biological Park), Dehradun, Uttarakhand
145.	Deer Park, Narain Tewari Dewal (Almora Zoo) , Uttarakhand
146.	Adina Deer Park, Malda, West Bengal
147.	Alipore Zoological Garden, Kolkata , West Bengal
148.	Calcutta Snake Park, Badu, Kolkata , West Bengal
149.	Gar Chumuk (Ulughata) Deer Park, Howraha, West Bengal
150.	Kumari Kangsabuti Deer Park, Bonpakuria, Bankura, West Bengal
151.	Nature Park at Taratala Road, Kolkata, West Bengal
152.	Padmaja Naidu Himalayan Zoological Park, Darjeeling , West Bengal
153.	Pugmarks-PFA Sanitinetan Rescue Centre, Kolkata, West Bengal
154.	West Bengal Snake Park & Laboratory, Badu, Kolkata, West Bengal
155.	Kunjanagar Eco-Park, Jalpaiguri, West Bengal
156.	South Khairbari Leopard Safari and Rehabilitation Centre, Madarihat, West Bengal
157.	Jhargram Zoo, West Bengal
158.	Ramnabagan Mini Zoo, Burdwan, West Bengal
159.	Purulia Mini Zoo, Surulia, Purulia, West Bengal
160.	Rasikbeel Mini Zoo, Cochbihar, West Bengal
161.	Zoo & Rescue Centre, Mukundpur, Satna, Madhya Pradesh
162.	Rescue Centre at Gorewada, Gorewada





#### 4.7 Revising the Zoo evaluation format

The Technical Committee in its 60<sup>th</sup> meeting held on 14<sup>th</sup> December 2011 had decided that a workshop could be organized for orientation for the evaluators being sent to the zoos by the Central Zoo Authority and the existing questionnaire for evaluation of zoos could be reviewed in order to appreciate the performance made by zoos.

In this regard two days workshop was convened at Pune during 6-7<sup>th</sup> February 2012 at Bharati Vidyapeeth University in collaboration with Rajiv Gandhi Zoological Park & Wildlife Research Centre and Institute for Environment Education & Research, Bharati Vidyapeeth University, Pune. During the workshop the existing format for evaluations of zoo was reviewed and revised format was developed with inputs from 34 nos. of serving and retired zoo directors, veterinarians, biologists, scientist, landscape architect working with Wildlife Institute of India, Dehradun, Indian Veterinary Research Institute, Bareilly and School of Planning & Architecture, New Delhi and Members of the Central Zoo Authority. A copy of the revised questionnaire was developed.

The re-drafted questionnaire was further placed in the 61<sup>st</sup> meeting of the Technical Committee of CZA held on 21<sup>st</sup> February 2012. The Committee took note of the workshop organized for the assessment of the evaluation format by the Central Zoo Authority at Pune and looked into the revised format. The Committee desired that the revised format should be finalized by a Sub-Committee comprising Sh. S. K. Patnaik, Sh. S. C. Sharma, Sh. P. C. Tyagi and representative of IFD (Sh. C. S. Thakur) and M. S., CZA, and that Sub-committee should have a meeting for the same, at the earliest.

Subsequently 1<sup>st</sup> Meeting to Review the Questionnaire of Evaluation of Zoos was held on 14<sup>th</sup> March 2012. After detailed deliberation, and scrutiny of the Part-I, Part-II, Part-III, Part- III(A) and Part-IV it was proposed that measurable indices for gradation of zoos, should be incorporated in the questionnaire for evaluation of the zoos (large, medium and small category of Zoos). The measurable indices includes the total score, gradation scale for the zoos.

#### 4.8 Appraisal Committee reports on Exemption to the zoos on housing of elephants

The Chairman, Central Zoo Authority in its 25<sup>th</sup> meeting held on 11<sup>th</sup> November 2010 had desired that the Appraisal Committee constituted by the Central Zoo



Authority for the purpose of carrying out field appraisal of the elephant facilities in the zoos should also be entrusted to review the progress made on implementation of the advisory issued by the Central Zoo Authority vide letter dated 7<sup>th</sup> November 2009 banning the exhibition of elephant in zoos and their transfer to the appropriate facilities in consultation with the Chief Wildlife Wardens of the States.

This issue was further deliberated in the 59<sup>th</sup> meeting of the Technical Committee of the CZA held on 20<sup>th</sup> September 2011. In the meeting it was decided that the report and recommendation submitted by the Appraisal Committee would be critically reviewed by a Sub-committee comprising Sh. S. K. Patnaik, Dr. Erach Bharucha, Sh. P. C. Tyagi and Sh. Kartick Satyanarayan.

The meeting of the sub-committee was held on 9<sup>th</sup> November 2011. The finding of the committee were placed in the 60<sup>th</sup> meeting of the Technical Committee of CZA held on 14 December 2011.

It was decided in the meeting that the report of the Appraisal Committee on Elephants submitted for the zoos may be discussed during a stakeholder workshop/ meeting involving prominent animal welfare organizations/individuals to decide the case of elephant upkeep in zoos in detail and prepare recommendation for the Technical Committee, accordingly.

The matter was further placed in the 26<sup>th</sup> meeting of the Central Zoo Authority held on 20<sup>th</sup> March 2012. During the meeting Secretary (E&F), MoEF advised that since CZA had already constituted a committee to look into the matter, it would be best if the relevant committee conducts consultative meetings with concerned stakeholders, and then CZA considers issuing a directive based on the consensus reached. It was recommended in the meeting that the Central Zoo Authority should conduct consultative meeting with assistance of Wildlife Trust of India and Wildlife SOS on the subject with the concerned stakeholders including animal welfare organizations and animal rights activists such as AWBI, PETA, PFA, SPCA etc. on the basis of report submitted by appraisal committee.



## 5.0. Human Resource Development

The Central Zoo Authority has executed a MoU with Wildlife Reserve Singapore on human resource development, animal exchange, capacity building and cooperation on conservation issues. Similarly, a MoU between the Central Zoo Authority and Leipzig Zoo, Germany is under process and had been approved by the Hon'ble Minister of State (IC), Environment & Forests and Chairperson, Central Zoo Authority in 26<sup>th</sup> meetings of the Central Zoo Authority which was chaired by Smt. Jayanthi Natrajan, Hon'ble Minister of Environment & Forests (Independent Charge) on 20<sup>th</sup> March 2012 subject to the clearance from the Ministry of Home and External Affairs, Government of India.

### 5.1 Training/Workshops/Seminars:

5.1.1 The Central Zoo Authority in collaboration with Nehru Zoological Park, Hyderabad organized a workshop on "Landscape Planning and Zoo Designing" for the Zoo Directors working in the zoos at Hyderabad during 2<sup>nd</sup> to 6<sup>th</sup> November 2011. During the workshop various aspects of master planning of zoos were discussed. Altogether 65 participants attended the meeting. Participants included Zoo directors, Landscape architects, civil engineers, biologists, private Zoo designer & consultants.



Participants of Zoo Directors Workshop held at Hyderabad





5.1.2 A workshop on “Landscape Planning and Zoo Designing” was organized for zoo architects/engineer at New Delhi in collaboration with School of Planning and Architecture, New Delhi from February 24-26, 2012 at India Habitat Centre.



Zoo Designing and Landscape Architecture workshop at New Delhi

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 9-14<sup>th</sup> May 2011.

5.1.4 The Central Zoo Authority organized training programme on “ZIMS Software” at Chandigarh from 9-13<sup>th</sup> January 2012 for the record keepers of 21 selected zoos in collaboration with MC Zoological Park, Chhatbir, Chandigarh. Resource persons from ISIS imparted the training to the participated.

5.1.5 A workshop for the zoo educators on “Conservation and zoo education” was organized at Bhopal in collaboration with Van Vihar National Park & Zoo from 27<sup>th</sup> February – 1<sup>st</sup> March 2012.



Participants of "Zoo Educators Training Programme" at Bhopal

5.1.6 A stakeholders workshop for the zoo veterinarian and directors on "Standardization of animal diet in Indian zoos" was organized at NAAS Complex of ICAR, New Delhi in collaboration with Indian Veterinary Research Institute, Bareilly on 30<sup>th</sup> January 2012. More than 20 participants attended the meeting.

5.1.7 The Central Zoo Authority provided financial assistance to zoos at Tirupati (01.08.2011 – 14.08.2011), Sakkarbaugh (16<sup>th</sup>-30<sup>th</sup> January 2012), Agartala (12.09.2011 to 26.09.2011) and Bhuwaneshwar (16.12.2011 to 29.12.2011) for organizing two-week training programme for the zoo keepers on "Management of carnivores in captivity" on regional basis. More than 100 zoo keepers attended the training programme.

5.1.8 The Central Zoo Authority deputed & sponsored Dr. V. Srinivas, Veterinary Officer, Indira Gandhi, Zoological Park, Vishakapatnam for attending the Endangered Species Recovery Course organized by the Durrell Wildlife Conservation Trust, Jersey UK during July 11 - 29, 2011.

5.1.9 Shri B.S. Bonal, Member Secretary, Central Zoo Authority attended 66<sup>th</sup> meeting of the WAZA & CBSG held at Prague, Czech Republic during 29<sup>th</sup> September to 6<sup>th</sup> October, 2011.

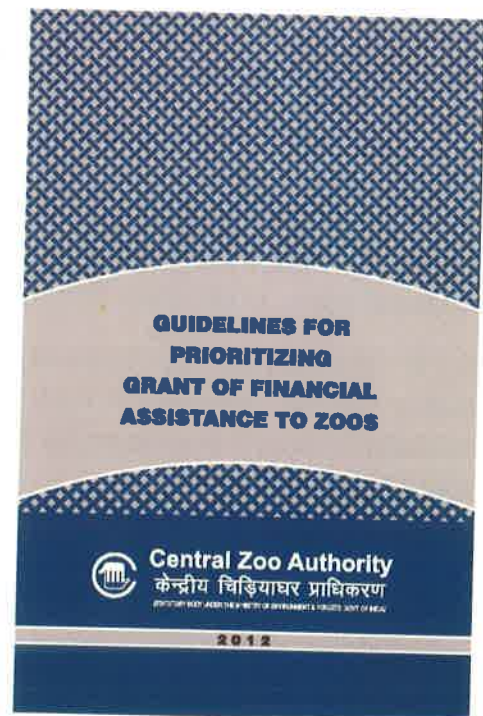
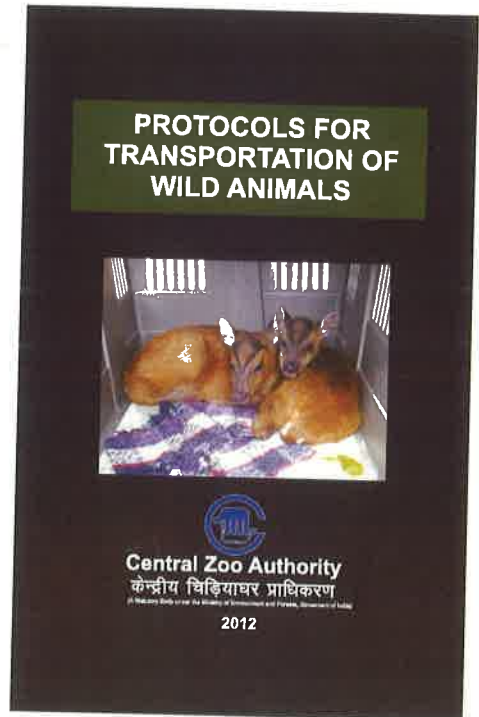
5.1.10 The CZA has provided a grant of Rs. 28.99 to Wildlife Institute of India to organize consultative workshop on vulture conservation in Asia-emerging issues and formation of a steering committee for vulture in association with IUCN.





## 6.0 Research & Education

- The Central Zoo Authority has awarded small grant research project of grant of Rs. 5.13 lakhs to Padmaja Naidu Himalayan Zoological Park to conduct study on Red Panda for duration of two year.
- The Wildlife Institute of India has completed the studbook project for 14 endangered species on preparing and maintenance of the studbooks.
- Vulture Conservation Breeding Centre, Pinjore has drafted a manual on Conservation Breeding of Vultures to be circulated to zoos.
- An grant of Rs. 323.04 lakhs has been approved for the 5 year research project on “Conservation of endangered animals based on the genetic polymorphisim studies and assisted reproduction” to CCMB (LaCONES), Hyderabad.
- The Central Zoo Authority had approved a proposal on preparing the manual “Management of Birds in captivity” which would papers from various experts.
- The Hon’ble Minster of State (IC) has released first edition of CZA quarterly newsletter “ex-situ updates” and “Protocols for transport of wild animals” on 20<sup>th</sup> March 2012 while chairing the CZA meeting.
- “Guidelines for the Utilization of Volunteer in Zoo Management in India” and “Guidelines for the housing of Exotic animals in India” have been approved by the MoEF and under the publication.
- The Central Zoo Authority has drafted guidelines for the better management of zoos on following subject and same are under the consideration of approval by the MoEF:-
  1. Guidelines for Developing Framework Mechanism for Mobilizing Corporate Financial Support for Supplementing Management of zoos.
  2. Prioritizing Grant For Financial Assistance to Zoos.
  3. Prioritization of the species to be taken up under the Conservation Breeding Programme.

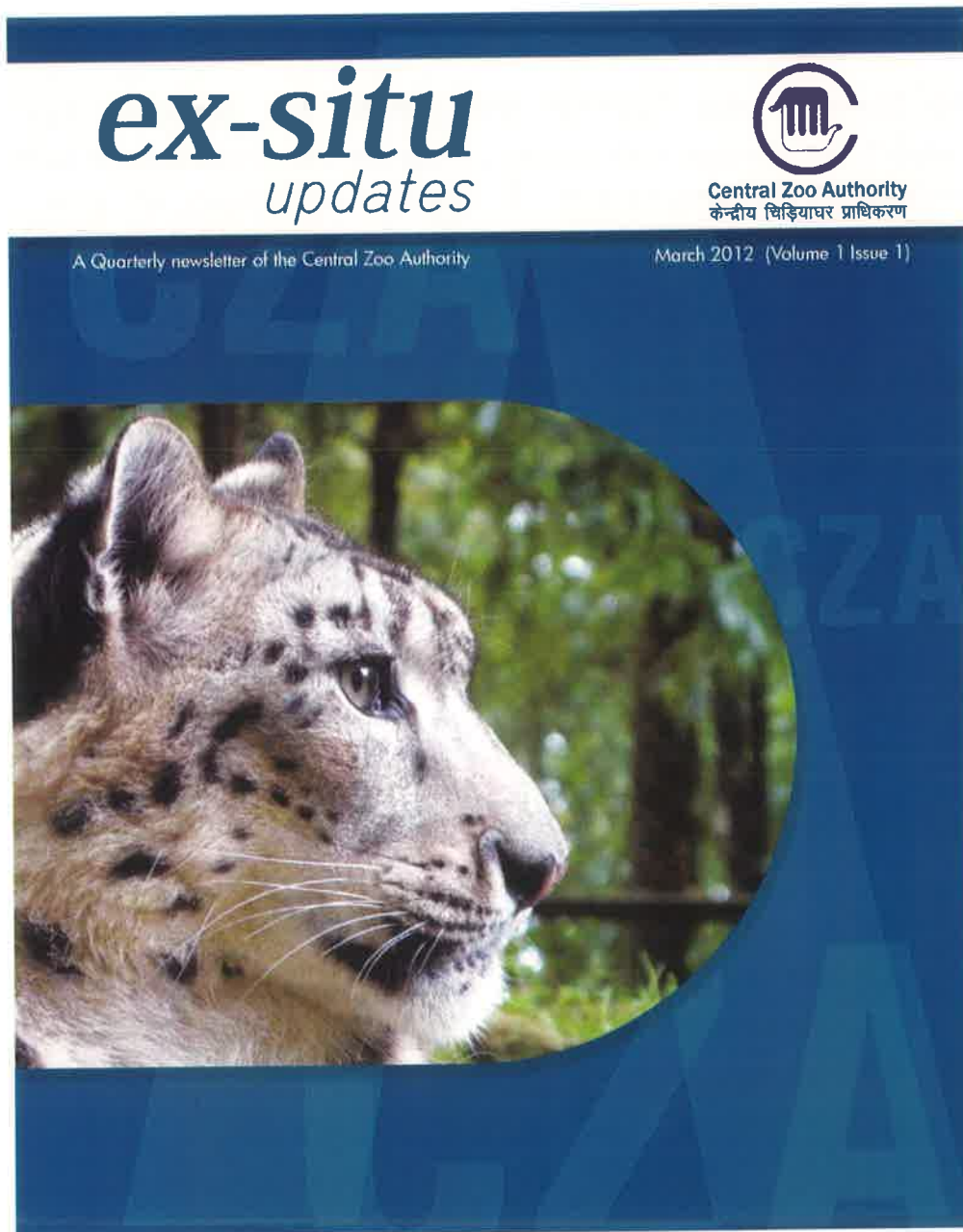






## 7.0 Publication of Newsletter

Smt. Jayanthi Natarajan, Hon'ble Minister of State (IC), Environment & Forest, Govt. of India; released first issue of the CZA Newsletter "ex-situ updates" in 26<sup>th</sup> meeting of the Central Zoo Authority (Governing body) held on 20<sup>th</sup> March 2012. This Newsletter will have articles on ex-situ management, 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.



Cover Design of the first issue of "ex-situ updates" - a Quarterly newsletter of the Central Zoo Authority, March-2012



## 8.0. Financial assistance to Zoos

The Central Zoo Authority received Rs 1735.00 lakhs (including Rs. 300 lakhs earmarked for the development of zoos in North Eastern India) during the financial year 2011-12 as Grants-in-Aid from Ministry of Environment & Forests, Government of India. The entire grant was utilized to achieve its objectives & mandate broadly under the head of Development of zoos, Conservation Breeding, Rescue & Rehabilitation, Research and Training and Operational cost.

### 8.1 Improvement of zoos

During the financial year 2011-12, the Central Zoo Authority has released Rs. 16,05,63,920 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 zoos Institutions	Purpose	Grant Released
				(Amount in ₹)
1	Andhra Pradesh	Sri Venkateswara Zoological Park, Tirupati	Feed & upkeep of rescued animals - RC	30,96,000
2	Andhra Pradesh	Indira Gandhi Zoological Park, Visakhapatnam	Feed & upkeep of rescued animals-RC	30,86,000
3	Andhra Pradesh	Indira Gandhi Zoological Park, Visakhapatnam	Feed & upkeep of rescued animals-RC	29,03,000
4	Andhra Pradesh	Sri Venkateswara Zoological Park, Tirupati	Feed & upkeep of rescued animals - RC	29,30,200
5	Andhra Pradesh	Nehru Zoological Park, Hyderabad	Workshop for zoo directors	9,40,000
6	Andhra Pradesh	Indira Gandhi Zoological Park, Visakhapatnam	Master Plan	1,20,000
7	Andhra Pradesh	Centre for Cellular & Molecular Biology (LaCONES), Hyderabad	Research Project	65,28,000
8	Andhra Pradesh	Nehru Zoological Park, Hyderabad	Various items	5,97,000
9	Andhra Pradesh	Nehru Zoological Park, Hyderabad	Conservation breeding programme	4,29,600
10	Andman & Nicobar Island	Chidiyatapu Biological Park, Chidiyatapu	Development work	27,43,000
11	Arunachal Pradesh	Biological Park, Itanagar	Development of zoo	67,16,000
12	Arunachal Pradesh	Biological Park, Itanagar	Conservation breeding programme	11,51,000
13	Arunachal Pradesh	Biological Park, Itanagar	Animal housing	32,33,000
14	Assam	Assam State Zoo, Guwahati	Conservation breeding	43,24,000



S.No.	State	Name of the zoos Institutions	Purpose	Grant Released
				(Amount in ₹)
15	Assam	Assam State Zoo, Guwahati	Development work	34,00,000
16	Assam	Assam State Zoo, Guwahati	Addl. Grant development work	10,94,300
17	Delhi	School of Planning and Architecture, New Delhi	Workshop	15,04,000
18	Delhi	National Zoological Park, New Delhi	Development work	73,05,600
19	Goa	Bondla Zoo, Usgao	Development work	6,75,000
20	Gujarat	Kamla Nehru Zoological Park, Ahmedabad	Training Programme	4,50,000
21	Haryana	People for Animals, Gurgaon	Construction Work at Hanuman Vatika Rescue Centre	10,00,000
22	Himachal Pradesh	Rewalsar Zoo, Rewalsar	Master Plan	40,000
23	Jammu & Kashmir	Hangul Conservation Breeding Centre Shikargah, Traal	Conservation Breeding Centre for Hangul	22,18,000
24	Jersey	Durrell Wildlife Conservation Trust, U.K.	3 weeks training programme	2,80,504
25	Karnataka	Pillikula Biological Park, Mangalore	Purchase of x-ray machine for hospital	10,00,000
26	Karnataka	Bannerghatta Biological Park, Bengalore	Feed & upkeep of rescued animals - RC	62,30,000
27	Karnataka	Bannerghatta Biological Park, Bengalore	Feed & upkeep of rescued animals - RC	34,20,000
28	Karnataka	Bannerghatta Biological Park, Bengalore	Feed & upkeep of rescued animals - RC	5,000
29	Karnataka	Pillikula Biological Park, Mangalore	Development of zoo	7,55,000
30	Karnataka	Sri Chamarajendra Zoological Garden, Mysore	Development work	13,19,000
31	Karnataka	Sri Chamarajendra Zoological Garden, Mysore	Training Programme	4,50,000
32	Kerala	State Museum & Zoo, Thirssur, Kerala	Master Plan	1,20,000
33	Madhya Pradesh	Van Vihar National Park & Zoo, Bhopal	Feed & upkeep of rescued animals - RC	23,86,000
34	Maharashtra	Rajiv Gandhi Zoological Park, Pune	Workshop	12,51,500
35	Maharashtra	Sanjay Gandhi National Park & Zoo, Borivalli	Development work	69,81,000
36	Nagaland	Nagaland Zoological Park, Rangapahar	Development of zoo	18,20,000





S.No.	State	Name of the zoos Institutions	Purpose	Grant Released
				(Amount in ₹)
37	Mizoram	Aizawl Zoo, Mizoram	Animal housing	35,50,000
38	Mizoram	Aizawl Zoo, Mizoram	Development work	45,00,000
39	Nagaland	Nagaland Zoological Park, Rangapahar	Development work	47,10,000
40	Nagaland	Nagaland Zoological Park, Rangapahar	Development work	92,03,000
41	Odisha	Nandankanan Zoological Park, Bhubaneswar	Research Project	3,50,000
42	Odisha	Nandankanan Zoological Park, Bhubaneswar	Animal Keeper Training Programme	4,50,000
43	Odisha	Nandankanan Zoological Park, Bhubaneswar	Development work	22,00,000
44	Odisha	Nandankanan Zoological Park, Bhubaneswar	Research Project	7,00,000
45	Odisha	Nandankanan Zoological Park, Bhubaneswar	Transportation of sloth bear	40,000
46	Odisha	Nandankanan Zoological Park, Bhubaneswar	Training Programme	4,50,000
47	Rajasthan	Jaipur Zoo, Jaipur	Computer purchase	50,000
48	Rajasthan	Jaipur Zoo, Jaipur	Feed & upkeep of rescued animals - RC	33,70,000
49	Rajasthan	Udaipur Zoo, Udaipur	Master Plan	70,000
50	Rajasthan	Jaipur Zoo, Jaipur	Feed & upkeep of rescued animals - RC	33,70,000
51	Tamil Nadu	Chennai Snake Park Trust, Guindy, Chennai	Chain link fencing	2,12,500
52	Tamil Nadu	Arignar Anna Zoological Park, Vandalur	Feed & upkeep of rescued animals - RC	24,52,000
53	Tamil Nadu	Arignar Anna Zoological Park, Vandalur	Feed & upkeep of rescued animals - RC	26,32,916
54	Tamil Nadu	Madras Crocodile Bank Trust, Mahabalipuram	Master Plan	1,40,000
55	Tamil Nadu	Children Corner, Guindy, Chennai	Master Plan	1,20,000
56	Tripura	Sepahijala Zoological Park, Agartala	Master Plan	1,20,000
57	Tripura	Sepahijala Zoological Park, Agartala	Purchase of equip, medicine for vet hosp.	9,60,000
58	Tripura	Sepahijala Zoological Park, Agartala	Conservation breeding programme	2,44,000



S.No.	State	Name of the zoos Institutions	Purpose	Grant Released
				(Amount in ₹)
59	Tripura	Sepahijala Zoological Park, Agartala	Conservation breeding programme	2,71,900
60	Uttar Pradesh	Indian Veterinary Research Institute, Bareilly	Publication of Book-research	1,70,000
61	Uttar Pradesh	Gharial Rehabilitation Centre, Kukrail	Strengthening of rehabilitation centre	16,75,000
62	Uttar Pradesh	Agra Bear Rescue Facility, Agra	Research Project	3,00,000
63	Uttar Pradesh	Indian Veterinary Research Institute, Bareilly	Workshop	5,45,050
64	Uttarakhand	Wildlife Institute of India, Dehradun	Stud Book	1,30,000
65	Uttarakhand	Wildlife Institute of India, Dehradun	Workshop	28,99,800
66	Uttarakhand	Pt. Govind Ballabh Panth High Altitude Zoo, Nainital	Training Programme	4,50,000
67	Uttarakhand	Pt. Govind Ballabh Panth High Altitude Zoo, Nainital	Signage	2,10,000
68	West Bengal	Padamaja Naidu Himalayan Zoological Park, Darjeeling	Construction of Breeding Centre for Himalayan Salamander	7,52,000
69	West Bengal	Padamaja Naidu Himalayan Zoological Park, Darjeeling	Research Project	2,56,000
70	West Bengal	Padamaja Naidu Himalayan Zoological Park, Darjeeling	Development of zoo - renovation of enclosure	23,50,000
71	West Bengal	Padamaja Naidu Himalayan Zoological Park, Darjeeling	Signage/animal housing	5,96,000
72	West Bengal	Padamaja Naidu Himalayan Zoological Park, Darjeeling	Security camera, night vision	4,81,800
73	West Bengal	Padamaja Naidu Himalayan Zoological Park, Darjeeling	Security	96,83,000
74	West Bengal	South Khairbari Rehavilitation Centre, Madarihat	Feed & upkeep of rescued animals - RC	33,35,000
75	West Bengal	Padamaja Naidu Himalayan Zoological Park, Darjeeling	Animal housing	63,48,250
76	West Bengal	Padamaja Naidu Himalayan Zoological Park, Darjeeling	Animal housing	77,14,000
<b>TOTAL</b>				<b>16,05,63,920</b>



## 8.2. Grants released to Rescue Centres

The Central Zoo Authority has provided an amount of Rs. 392.16 lakhs for maintenance including feed and medicines etc. to seven rescue centres created at Bangalore, Chennai, Tirupathi, Visakhapatnam, Bhopal, Jaipur and South-Khairabari (West Bengal) for large number of lions, tigers, leopards, bears and monkeys rescued from the circuses for rehabilitation.

		(Amount In ₹)
Location of the Rescue Centres		
1.	Arignar Anna Zoological Park, Vandalur, Chennai, Tamil Nadu	50,84,916
2.	Nahargarh Rescue Centre, Jaipur, Rajasthan	67,40,000
3.	South Kharibari Rescue Centre, Cooch Bohav, West Bengal	33,35,000
4.	S. V. Zoological Park, Tirupati, Andhra Pradesh	60,26,200
5.	Bannerghatta Biological Park, Bangalore, Karnataka	96,55,000
6.	Van Vihar National Park & Zoo, Bhopal, Bhopal, Madhya Pradesh	23,86,000
7.	Indira Gandhi Zoological Park, Visakhapatnam, Oddisa	59,89,000
<b>TOTAL</b>		<b>3,92,16,116</b>

## 8.3 Accounts and Audits:

The final audit of the accounts of the Central Zoo Authority has been conducted by the Principal Director of Audit, Scientific Department of C.A.G., Govt. of India. Income & Expenditure Accounts and Balance Sheet as on 31<sup>st</sup> March, 2011 with schedules is placed at **Annexure I and II**.





Annexure-I

**FORM OF FINANCIAL STATEMENTS  
(NON-PROFIT ORGANISATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY BALANCE SHEET**  
**AS ON 31.03.2012**

(Amount In ₹)

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	Current Year	Previous Year
Corpus/Capital Fund	1	61,54,057	61,11,440
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	57,79,401	52,84,047
<b>TOTAL</b>		<b>1,19,33,458</b>	<b>1,13,95,487</b>
<b>ASSETS</b>			
Fixed Assets	8	18,82,048	13,06,454
Investments- From Earmarked/Endowment Funds	9	Nil	Nil
Investments-Others	10	Nil	Nil
Current Assets, Loans, advances Etc.	11	1,00,51,410	1,00,89,033
Miscellaneous Expenditure (to the extent not written off or adjusted)		Nil	Nil
<b>TOTAL</b>		<b>1,19,33,458</b>	<b>1,13,95,487</b>
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 31.03.2012**

Amount In ₹

INCOME	Schedule	Current Year	Previous Year
Income from Sales/Services	12	Nil	Nil
Grants/Subsidies	13	17,35,00,000	17,35,00,000
Fees/Subscriptions	14	3,70,252	3,95,500
Income from Investments (Income on Investment)	15	Nil	Nil
From Earmarked/Endow.) Funds transferred to Funds		Nil	Nil
Income from Royalty, publication etc.	16	Nil	Nil
Interest Earned	17	Nil	Nil
Other Income	18	4,808	16,930
<b>TOTAL (A)</b>		<b>17,38,75,060</b>	<b>17,39,12,430</b>
<b>EXPENDITURE</b>			
Establishment Expenses	20	82,25,167	75,28,392
Other Administrative Expenses etc.	21	229,09,917	2,79,58,892
Expenditure on Grants, Subsidies etc.	22	14,24,19,066	13,78,08,784
Interest	23	Nil	Nil
Depreciation (Net Total at the year-end -Schedule 8)	8	2,78,293	2,21,266
<b>TOTAL (B)</b>		<b>17,38,32,443</b>	<b>17,35,17,334</b>
Excess of Income over Expenditure (A-B)		42,617	3,95,096
Transfer to Special Reserve (Specify each)		Nil	Nil
Transfer to/from General Reserve		Nil	Nil
Balance Being Surplus Carried to Corpus/ Capital Fund		42,617	3,95,096
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 31.03.2012

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	Amount In ₹	
				CURRENT YEAR	PREVIOUS YEAR
<b>I. Opening Balances</b>			<b>1. Expenses</b>		
(a) Cash in Hand			(a) Establishment Expenses (corresponding to Schedule 20)	82,40,567	75,28,392
Imprest	15,000	15,000			
(b) Bank Balances			(b) Administrative Expenses (corresponding to Schedule 21)	37,20,457	57,01,146
i) In current accounts	89,56,520	29,59,333			
ii) In deposit accounts	NIL	NIL			
iii) Savings accounts	Nil	Nil			
<b>II. Grants Received</b>			<b>II. Payments made against funds for various projects</b>		
(a) From Government of India	17,35,00,000	17,35,00,000	(Name of the fund or project should be shown along with the particulars of payments made for each project)		
(b) From State Government	NIL	Nil			
(c) From other sources (details)	Nil	Nil	i) Grants-in-aid to Zoos	14,24,19,066	13,78,08,784
(Grants for capital & revenue exp. To be shown separately)			ii) Monitoring & Evaluation of Zoos	10,52,872	12,41,626





			iii) Research Projects	84,34,000	87,59,900
			iv) Training, Workshop Conference	96,70,854	1,22,52,379
			v) Education & Awareness	NIL	Nil
			vi) Exgratia payment to closed mobile zoos	NIL	NIL
			vii) Transportation of Animals	40,000	Nil
<b>III. Income on Investments from</b>			<b>III. Investments &amp; deposit made</b>		
(a) Earmarked/Endow Funds	Nil	Nil	(a) Out of Earmarked/Endowment funds	Nil	NIL
(b) Own Funds (Oth. Investment)	Nil	Nil	(b) Out of own funds (Investments-Others)	Nil	NIL
<b>IV. Interest Received</b>			<b>IV. Expenditure on fixed Assets &amp; capital work-in-progress</b>		
(a) On bank deposits	Nil	Nil	(a) Purchase of fixed assets	8,53,887	75,873
(b) Loans, Advances etc.			(b) Expenditure on capital work-in-progress	Nil	NIL
<b>V. Other Income (Specify)</b>			<b>V. Refund of surplus money/loans</b>		
Fees received from Zoos with Application of Recognition	3,70,252	39,55,00	(a) to the Government of India	Nil	NIL
Fees received from Application under RTI	1,920	4,436	(b) to the State Government	Nil	NIL
			(c) to other providers of funds	Nil	NIL
<b>VI. Amount Borrowed</b>			<b>VI. Finance Charges (Interest)</b>		



VII. Any other receipts (give details)			VII Other Payments (Specify)		
(a) Misc. Receipts	0	0	(a) Payment of TDS	4,10,369	2,69,585
(i) Unspent balance of Gr. In Aid refunded by Zoos/CPWD	3,85,890	Nil	(b) Security Deposit (Released)	20,000	NIL
(b) Interest on Car/ Scooter Adv.	2,888	12,494	(c) Amount adjustable (By other deptt.)	Nil	NIL
(c) Security deposit	25,000	Nil			
(d) Recovery of Advances	3,01,400	6,28,974	(d) Staff advances	95,000	4,25,582
(e) Recovery of TDS	4,10,369	2,69,585	(e) Payment to other Deptt, (Recoveries from pay bills)	4,43,000	4,03,995
(f) Staff car recovery	0	0	(f) Bank Charges	Nil	Nil
(g) License fee	Nil	NIL			
(h) Recovery from pay bills, adjustable by other Departments	4,43,000	4,03,995			
(i) Sale proceed of assets	Nil	NIL			
(j) Unspent GIA	1,11,909	52,34,065			
(k) Leave salary and pension contribution received back	Nil	15,400	VIII. Closing Balances		
			(a) Cash in Hand		
			Imprest	15,000	15,000
			(b) Bank Balances		
			(i) In current accounts	91,09,076	89,56,520
			(ii) In deposit accounts	Nil	Nil
			(iii) Savings accounts	Nil	Nil
<b>TOTAL</b>	<b>18,45,24,148</b>	<b>18,34,38,782</b>	<b>TOTAL</b>	<b>18,45,24,148</b>	<b>18,34,38,782</b>



## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012

### SCHEDULE 1 - CORPUS/CAPITAL FUND

	Amount In ₹	
<b>SCHEDULE 1 - CORPUS/CAPITAL FUND:</b>		
Balance as at the beginning of the year	61,11,440	57,16,344
Add: Contributions towards Corpus/CZA Fund	Nil	
Add: Balance of net income Transferred from the Income and Expenditure Account	42,617	3,95,096
Deduct: Balance of net expenditure	Nil	Nil
Transferred from the Income and Expenditure Account		
<b>BALANCE AS AT THE YEAR - END</b>	<b>61,54,057</b>	<b>61,11,440</b>





## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY

### SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012 SCHEDULE 7 - CURRENT LIABILITIES AND PROVISIONS

Amount In ₹

	Current Year	Previous Year
<b>A. CURRENT LIABILITIES</b>		
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) Unspent Grants-in-Aid	57,48,085	52,34,065
(ii) Security refundable	25,000	20,000
<b>TOTAL (A)</b>	<b>57,73,085</b>	<b>52,54,065</b>
<b>B. PROVISIONS</b>		
1. For Taxation	Nil	Nil
2. Gratuity	Nil	Nil
3. Superannuation/Pension		
(i) Contribution to superannuation scheme	Nil	Nil
4. Accumulated Leave Encashment	Nil	Nil
5. Trade Warranties/Claims	Nil	Nil
6. Others (Specify)		
Telephone Charges Payable	6,316	14,582
Leave salary & Pension Contribution	Nil	15,400
Audit Fees Payable	Nil	Nil
<b>TOTAL (B)</b>	<b>6,316</b>	<b>29,982</b>
<b>TOTAL (A+B)</b>	<b>57,79,401</b>	<b>52,84,047</b>



## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012

### Schedule 8- Fixed Assets

DESCRIPTION	GROSS BLOCK				DEPRECIATION				NET BLOCK				
	Cost/ value at the beginning of the year (a)	Additions during the year (b)		Deductions during the year (c)	Cost/ value at the year end (d)	Depre- cation 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 previous year	As at the end of current year (d - f - g)	
		04/11- 09/11	10/11- 03/12										04/11- 09/11
Vehicle	89,721	-	6,30,993	-	7,20,714	15%	13,458	-	47,324	-	60,783	6,59,931	89,721
Furniture, Fixtures	8,75,568	-	-	-	8,75,568	10%	87,557	-	-	-	87,557	7,88,011	8,75,568
Office equipment	3,21,413	75,014	-	-	3,96,427	15%	48,212	11,252	-	-	59,464	3,36,963	3,21,413
Computer/ peripherals	19,752	94,305	53,575	-	1,67,632	60%	11,851	56,583	2,055	-	70,489	97,143	19,752
TOTAL FOR THE CURRENT YEAR	13,06,454	8,53,887	-	-	21,60,341		1,61,078	67,835	49,379	-	2,78,293	18,82,048	13,06,454
PREVIOUS YEAR	14,51,847	75,873	0	0	15,27,720		1,89,534	31,732	-	-	2,21,266	13,06,454	14,51,847



## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012

### SCHEDULE 11 - CURRENT ASSETS, LOANS, ADVANCES ETC.

Amount In ₹

A. CURRENT ASSETS:	Current Year	Previous Year
<b>1. Inventories:</b>		
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
<b>2. Sundry Debtors:</b>		
a) Debts Outstanding for a period exceeding 6 months	Nil	Nil
b) Others	Nil	Nil
<b>3. Cash balances in hand (including cheques/drafts and imprest)</b>		
Cash- In - Hand	Nil	Nil
Imprest	15,000	15,000
<b>4. Bank Balances:</b>		
a) With Scheduled Banks:		
- On Current Accounts	91,09,076	89,56,520
- 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
<b>5. Post Office-Savings Accounts</b>		Nil
<b>TOTAL (A)</b>	<b>91,24,076</b>	<b>89,71,520</b>





## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012

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

B. LOANS, ADVANCES AND OTHER ASSETS:	Amount In ₹	
	Current Year	Previous Year
<b>1. Loans:</b>		
a) Staff	8,95,391	11,01,791
b) Other Entities engaged in activities/ objectives similar to that of the Entity	Nil	Nil
c) Other (specify)	Nil	Nil
<b>2. Advances and other amounts recoverable in cash or for value to be received</b>		
a) On Capital Account	Nil	Nil
b) Prepayments		
Expenses Reimbursable by MOEF	23,943	7,722
Advance Payment to CPWD/supplier		
c) Others		
Petrol Account	5,000	5,000
Telephone Account	3,000	3,000
<b>3. Income Accrued:</b>		
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 - ₹.....)	Nil	Nil
<b>4. Claims Receivable</b>	Nil	Nil
<b>TOTAL (B)</b>	<b>9,27,334</b>	<b>11,17,513</b>
<b>TOTAL (A + B)</b>	<b>1,00,51,410</b>	<b>1,00,89,033</b>



## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012

### SCHEDULE 13 - GRANTS/SUBSIDIES

Amount In ₹

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



## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**

**SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012**

### 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	3,70,252	3,95,500
<b>TOTAL</b>	<b>3,70,252</b>	<b>3,95,500</b>





## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**

**SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012**

### SCHEDULE 18 - OTHER INCOME

Amount In ₹

	Current Year	Previous Year
<b>1. Profit on Sale/disposal of Assets :</b>		
a) Owned Assets	Nil	Nil
b) Assets acquired out of grants, or received free of cost	Nil	Nil
<b>2. Export Incentives realized</b>	Nil	Nil
<b>3. Fees for Miscellaneous Services (RTI)</b>	1,920	4,436
<b>4. Miscellaneous Income</b>	2,888	12,494
<b>TOTAL</b>	<b>4,808</b>	<b>16,930</b>



## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**

**SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012**

**SCHEDULE 20 - ESTABLISHMENT EXPENSES**

	Amount In ₹	
	Current Year	Previous Year
a) Salaries and Wages	69,20,796	65,18,303
b) Allowances and Bonus	24,178	24,178
c) Contribution to Provident Fund	Nil	Nil
d) Contribution to Other Fund (specify)		
Superannuation Scheme	1,83,037	1,65,881
e) Staff Welfare Expenses	8,37,819	8,20,030
f) Expenses on Employees' Retirement	Nil	Nil
& Terminal Benefits	Nil	Nil
g) Others (specify)	Nil	Nil
Leave Salary & Pension Contributions	2,59,337	Nil
<b>TOTAL</b>	<b>82,25,167</b>	<b>75,28,392</b>



## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity Central Zoo Authority  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012  
SCHEDULE 21- OTHER ADMINISTRATIVE EXPENSES ETC.

	Amount In ₹	
	Current Year	Previous Year
<b>I.</b>		
a. Purchases (Stationary)	1,78,970	1,44,826
b. Conveyance and Cartage	31,555	37,756
c. Repairs and maintenance	1,04,553	1,06,726
d. Vehicles Running Expenses	2,25,435	1,56,566
e. Vehicals Maintenance	57,683	58,209
f. Postage, Telephone and Communication Charges (Provision of `6,316/-)*	3,05,362	3,08,471
g. Printing, Publication and Periodicals	1,77,287	4,01,688
h. Travelling Expenses	19,80,852	16,44,224
i. Legal Expenses	8,360	76,155
j. Hospitality Expenses	84,421	93,271
k. Advertisement and Publicity	39,293	1,55,449
l. Audit Fees	Nil	Nil
m. Others (specify)		
Bank Charges	314	1,441
Other Office expenses	1,73,197	4,18,417
Membership fees	3,44,909	21,01,788
Dificit on sale of unusable assets	Nil	Nil
<b>TOTAL (I)</b>	<b>37,12,191</b>	<b>57,04,987</b>
<b>II. Payments Against Various Projects</b>		
Expenses on Training, Workshop & Conferences	96,70,854	1,22,52,379
Expesnes on Research Projects	84,34,000	87,59,900
Monitoring & Evaluation of Zoos	10,52,872	12,41,626
Ex-Gratia Payment to closed Mobile Zoos	Nil	Nil
Transportation Of Animals	40,000	Nil
<b>TOTAL (II)</b>	<b>1,91,97,726</b>	<b>2,22,53,905</b>
<b>III. Unspent balance of GIA refundable to Ministry</b>	Nil	Nil
<b>TOTAL ( I+II+III )</b>	<b>2,29,09,917</b>	<b>2,79,58,892</b>
* Provisions of Telephone charges accrued during the F.Y. 2011-12 but will be paid during F.Y. 2012-13		





## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity Central Zoo Authority  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012

### SCHEDULE 22- EXPENDITURE ON GRANTS, SUBSIDIES ETC.

	Amount In ₹	
	Current Year	Previous Year
<b>a. Grant given to Institutions/Organisations</b>		
Grant released to various zoos	14,24,19,066	13,78,08,784
Unspent grants-in-aid refundable to ministry	Nil	Nil
<b>b. Subsidies given to Institutions/Organisations</b>	Nil	Nil
<b>TOTAL</b>	<b>14,24,19,066</b>	<b>13,78,08,784</b>



## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity Central Zoo Authority

SCHEDULES FORMING PART OF BALANCE  
SHEET AS ON 31.03.2012

### SCHEDULE 24-SIGNIFICANT ACCOUNTING POLICIES

#### 1. Basis of Accounting

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

#### 2. Fixed Assets

Fixed Assets are stated at cost of acquisition which includes freight, duties and taxes relating to their acquisition less accumulated depreciation.

#### 3. Depreciation

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

#### 4. General

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



## FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity Central Zoo Authority  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2012

### SCHEDULE 25-CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS

#### 1. Contingent Liabilities

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

#### 2. Capital Commitments

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

#### 3. Current assets, Loans and Advances

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

4. Corresponding figures for the previous year have been regrouped/ rearranged, wherever necessary.

5. Schedule 1 to 25 annexed form an integral part of the Balance Sheet as at 31<sup>st</sup> March, 2012 and the Income and Expenditure Account for the year ended on that date.

6. The amount released to the various zoos has been accounted for as expenditure for the year in which the same was released.





## Separate Audit Report of Comptroller and Auditor General of India on the Accounts of Central Zoo Authority, for the year ended 31 March, 2012

1. We have audited the attached Balance Sheet of Central Zoo Authority (CZA), as on 31 March 2012, the Income & Expenditure Account and the Receipts & Payment Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 38E(5) of the Wildlife (Protection) Act, 1972. These financial statements are the responsibility of the CZA's management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. This Separate Audit Report contains the comments of the Comptroller and Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to companies with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any are reported through Inspection Reports/CAG's Audit Reports separately.
3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material mis-statements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
4. Based on our audit, we report that:
  - (i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
  - (ii) The Balance Sheet, Income & Expenditure Account and Receipt & Payment Account dealt with by this report have been drawn up in the format approved by the Ministry of Finance.
  - (iii) In our opinion, proper books of accounts and other relevant records have been maintained by the CZA as required under Section 38E(4) of the Wildlife (Protection) Act, 1972 in so far as it appears from our examination of such books.
  - (iv) We further report that:
    - (a) Grants-in-aid  
During the year 2011-12, the Authority received grants of Rs. 1787.34 lakhs (Rs. 1735.00 lakh for 2011-12 and Rs. 52.34 lakh unspent balance of 2010-11) out of



grants-in-aid of Rs. 1787.34 lakhs, the Authority utilized a sum of Rs. 1729.86 lakh during 2011-12, resulting in unspent balance of Rs.57.48 lakh.

b) Management letter

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

v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipt & Payment Account dealt with by this report are in agreement with the books of accounts.

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

a. In so far as it relates to the Balance Sheet, of the state of affairs of the Central Zoo Authority, New Delhi as at 31 March 2012 and

b. In so far as it relates to Income & Expenditure Account of the surplus for the year ended on that date.

**For & on behalf of C&AG of India**

Pr. Director of Audit (SD)

Place : New Delhi

Date : 21-01-2013



## ANNEXURE - II

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 Broad Sheets to monitor the recovery of long term advances was not maintained
  - II. A Valuables 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.
3. **System of Physical Verification of Inventory**

Physical verification of library books, stationery and consumable items has been conducted upto 31.03.2012.
4. **System of Physical Verification of assets.**

Physical verification of Assets has been conducted.
5. **Regularity in payment of statutory dues:**

The Central Zoo Authority was regular in depositing statutory dues.

**Asstt. Audit Officer (EA)**





**CENTRAL ZOO AUTHORITY**

**केन्द्रीय चिड़ियाघर प्राधिकरण**

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

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