

Annual Report 2013-14



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, bringing to an end the mushrooming of new zoos in India was another objective. Raising existing standard of animals' upkeep and veterinary care in zoos has been the prime concern for the CZA.

The CZA formulated Recognition of Zoo Rules, 1992 to ensure the well-being of animals in captivity, which was subsequently replaced by the Recognition of Zoo Rules, 2009 with (Amendment) Rules, 2013 to provide more facilitation to zoos in management activities. National Zoo Policy, 1998 and Guidelines on Scientific Management of Zoo was also formulated to give the right direction to zoos to ensure scientific management and thrust to the national effort in wildlife conservation through ex-situ wildlife conservation.

The publication of annual report is an 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. 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 publish the account of CZA functions including budgetary details in public domain as approved by Chairperson, CZA on recommendation of technical committee and I acknowledge the hard work of CZA team in exercising their duties, and the contribution of Members of the CZA in editing and formatting of annual report.

(B.S. Bonal)

Member Secretary
Central Zoo Authority



1. Introduction

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



Asiatic Lion (*Panthera leo persica*) at National Zoological Park, Delhi
Photo Credit: Dr. Devender Kumar

1.1 Vision

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

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



Royal Bengal Tiger (*Panthera tigris tigris*) at Van Vihar National Park & Zoo, Bhopal
Photo Credit: Director, Bhopal Zoo



- 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.



Leopard (*Panthera pardus*) at Pt. G.B. Pant High Altitude Zoo, Nainital
Photo Credit: Parag M Dhakate

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.



Gharial (*Gavialis gangeticus*) in Naturalistic enclosure at Nandankanan Biological Park, Bhubaneswar



2.0 Governance

The establishment of CZA comprises of 18 regular/contractual scientific/administrative personnel to assist the Member Secretary in discharge of his duties.

Sl. No.	Name of the post	Name of the incumbent	Pay-Band/Salary (Amount in Rs.)
Permanent basis			
1.	Member Secretary	Shri B.S. Bonal	67000-79000 (HAG Scale)
2.	Deputy Inspector General (HQ)	Shri Inder Dhamija	67000-79000 (HAG Scale)
3.	Finance Officer	Shri V.P. Mehta	15600-39100 (Grade Pay Rs. 5400)
4.	Private Secretary	Mrs. Seema Burreja	9300-34800 (Grade Pay Rs. 4600)
5.	Accountant	Shri R.S. Rawat	9300-34800 (Grade Pay Rs. 4600)
6.	Data Processing Assistant	Shri Vivek Goel	9300-34800 (Grade Pay Rs. 4600)
7.	Personal Assistant	Mrs. Neeti Gulati	9300-34800 (Grade Pay Rs. 4600)
8.	Evaluation & Monitoring Assistant	Shri T. Ajay Kumar	9300-34800 (Grade Pay Rs. 4200)
9.	Lower Division Clerk	Shri Thakur Dass	5200-20200 (Grade Pay Rs. 1900)
10.	Multi Task Staff	Shri P.K. Jha	5200-20200 (Grade Pay Rs. 1900)
11.	Multi Task Staff	Shri Gopal Swami	4440-7440 (Grade Pay Rs. 1800)
12.	Staff Car Driver	Shri Hari Singh Bhandari	5200-20200 (Grade Pay Rs. 2400)
Outsourced basis			Cumulative amount
13.	Evaluation and Monitoring Officer	Dr. Brij Kishor Gupta	Rs. 37,500/-
14.	Scientific Officer	Dr. Devender Kumar	Rs. 24,200/-
15.	Office Assistant	Ms. Madhu Bala	Rs. 15,200/-
16.	Office Assistant	Ms. Neeta Atal	Rs. 14,100/-
17.	Upper Division Clerk	Shri Sanjay Rawat	Rs. 15,000/-
18.	IT Assistant	Shri Arvind Kumar	Rs. 12,000/-
19.	Sweeper	Smt. Radha	Rs. 5900/-



2.1 Governing Body

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

- | | | |
|----|--|-----------------------------|
| 1. | Minister of State (Independent Charge)
for Environment & Forests, Government of India | Chairperson
(ex-officio) |
| 2. | Secretary to the Government of India,
Ministry of Environment & Forests, New Delhi | Member
(ex-officio) |
| 3. | Director General of Forests & Special Secretary,
Ministry of Environment & Forests,
Government of India, New Delhi | Member.
(ex-officio) |
| 4. | Additional Director General of Forests (Wildlife),
and Director, Wildlife Preservation,
Ministry of Environment & Forests,
Government of India, New Delhi | Member
(ex-officio) |
| 5. | Additional Secretary and Financial Advisor,
Ministry of Environment & Forests,
Government of India, New Delhi | Member
(ex-officio) |
| 6. | Director
Indian Veterinary Research Institute,
Bareilly, Uttar Pradesh | Member
(ex-officio) |
| 7. | Director
Wildlife Institute of India,
Dehradun, Uttarakhand | Member
(ex-officio) |
| 8. | Sh. S.K. Patnaik
Retd. Chief Wildlife Warden,
Bhubaneshwar, Odisha, India | Member |
| 9. | Dr. Erach K. Bharucha
Director, Bharti Vidyapeeth Institute of Environment
Education and Research, Pune, Maharashtra | Member |



- | | | |
|-----|---|------------------|
| 10. | Shri Kartick Satyanarayan
Wildlife SOS, New Delhi | Member |
| 11. | Dr. Vibhu Prakash
Principal Scientist,
Bombay Natural History Society, Mumbai | Member |
| 12. | Member Secretary
Central Zoo Authority, New Delhi | Member Secretary |

The 27th meeting of the Central Zoo Authority was not held due to the inability of the time by chairperson, Hon'ble Minister of Environment & Forests (Independent Charge) as requested by Central Zoo Authority.

2.2 Administrative Committee

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

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



The main functions of the Administrative Committee are:

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

The period of term of the Administrative Committee will be coterminus with the Central Zoo Authority constituted on October 18, 2010 for a period of three years. A scheduled 18th meeting of the Administrative committee was held on September 10, 2013 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) 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, Bhubaneswar | Member |
| 6. | Dr. Erach K. Bharucha
Director, Bharti Vidyapeeth Institute of Environment
Education and Research, Pune, Maharashtra | Member |
| 7. | Shri Kartick Satyanarayan
Wildlife SOS, New Delhi | Member |
| 8. | Dr. Vibhu Prakash
Principal Scientist
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 co-terminus with the Central Zoo Authority constituted on October 18, 2010 for a period of three years.

The Central Zoo Authority convened meeting of the Technical Committee during the current financial year on 11th June 2013 (66th Meeting), 30th August 2013 (67th Meeting), 11th February 2014 (68th Meeting) and 26th March 2014 (69th Meeting) to discuss the proposal on improvement in zoos, conservation breeding programme, research and trainings, and approval of master plan apart from the other policy level issues.

2.4 Expert Group on Zoo Designing

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

1. Shri S.C. Sharma
Retd. Addl. DGF (WL),
(Leader of Sub-group I)
411, New Delhi Apartments,
Plot No.-7, Vasundhara Enclave,
Delhi - 96
Member
2. Shri S.K. Patnaik
Retd. CWLW (WL), Government of Orissa,
(Leader of Sub-group II)
81, Fishery Lane, Budheswari Colony,
Bhubaneswar-751 006 (Odisha)
Member
3. Shri R.S. Bhadauria, IFS
Retd. PCCF (Uttar Pradesh)
(Leader of Sub-group III)
B-116, Indira Nagar, Lucknow-243 403
Member



- | | | |
|-----|---|--------|
| 4. | Shri A.S. Dogra
Retd. PCCF (Punjab)
(Leader of Sub-group IV)
H.No. 256, Sector 37-A,
Chandigarh (Punjab) | Member |
| 5. | Shri Kartick Satyanarayan
Wildlife S.O.S.,
D-210, Defence Colony,
New Delhi-24 | Member |
| 6. | Prof. (Dr.) Surinder Suneja
Head, Department of Landscape Architecture,
School of Planning & Architecture,
4, Block B, Indraprastha Estate,
New Delhi-110 002 | Member |
| 7. | Prof. (Dr.) Rommel Mehta
Department of Landscape Architecture,
School of Planning & Architecture,
Block-4, Indraprastha Estate,
New Delhi-110 002 | Member |
| 8. | CCU (Chief Engineer),
Ministry of Environment & Forests,
Room No. 728, 7 th Floor,
CGO Complex, Paryavaran Bhawan,
Lodhi Road, New Delhi-110 001 | Member |
| 9. | Dr. Brij Kishor Gupta
Zoo Biologist,
C-280, Beta-I, Greater Noida-201 308 | Member |
| 10. | Sh. Himanshu Malhotra
Wildlife Filmmaker, Environmentalist,
C-50, Defence Colony, New Delhi - 110 024 | Member |
| 11. | Dr. A.K. Malhotra
F-801, Neel Padam-1,
Vaishali, Sector-5,
Ghaziabad - 201 010 | Member |



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

Convener

The terms of reference of the said Expert Group are:

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

The Expert Group on zoo designing convened its meeting on 23rd April, 2013 (40th Meeting), 28th May, 2013 (41st Meeting), 7th August, 2013 (42nd Meeting), 5th September, 2013 (43rd Meeting), 04th October, 2013 (44th Meeting), 31st October, 2013 (45th Meeting), 3rd January, 2014 (46th Meeting), 29th January, 2014 (47th Meeting) and 3rd February, 2014 (48th Meeting), to approve the design of the enclosures to be constructed in Indian zoos and to recommend the approval of master lay out plan of the zoos.

2.5 Appraisal Committee for Elephants Housed in Zoos

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

In order to examine such requests, an appraisal committee was constituted on 18th May, 2010 vide letter F. No. 26-1/2010-CZA (M) with the following members:



- (i) Shri Kartick Satyanarayan
Wildlife SOS D-210, Defence Colony, New Delhi-24
- (ii) Mrs. Suparna Baksi - Ganguly
Compassion Unlimited Plus Action (CUPA),
Bangalore
- (iii) Dr. K.K. Sharma
Veterinary College 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 has been further extended from the date of issue of this order. The appraisal committee has conducted various meetings on the subject in order to speed up and ease the process.

2.6 Expert Group on Conservation Breeding

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

A. Composition of the Committee

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



5. Dr. Goutam Narayan Member
Project Officer,
Pigmy Hog Conservation Programme,
Research & Breeding Centre,
Indira Nagar, Basistha, Guwahati-781 029 (Assam)

Special Invitee

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

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 identifies 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 sittings on 20th May, 2013 (9th Meeting), to discuss the various proposal on Conservation Breeding and preparing guidelines on Conservation Breeding Programme.



3.0 Restructuring of Central Zoo Authority

To strengthen the Central Zoo Authority, the Ministry of Environment & Forest, Govt. of India has appointed Deputy Inspector General (DIG) of Forests (HQ), Sh. Inder Dhamija IFS (TN 1985) and Evaluation and Monitoring Assistant, Mr. T. Ajay Kumar.



Staff Members of Central Zoo Authority



4.0 Functioning of the CZA

4.1 Technical Evaluation and Grant of Recognition to Zoos

The Central Zoo Authority evaluated 66 zoos during the year 2013-14 as per the details given below. Of these 3, 3, 11 and 39 were large, medium, small and mini zoos respectively. Mid-term evaluation of 4 zoos was conducted. Apart from this, 6 rescue centre and 15 circuses were also evaluated.

List of Zoos evaluated during 2013-2014

S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Date of evaluation
Large Category Zoos				
1	Tamil Nadu	Arignar Anna Zoological Park, Vandalur, Chennai	Sh. S. C. Sharma Dr. Navin Kumar	09.04.2013
2	Odisha	Nandankanan Zoological Park, Bhubaneswar	Sh. R. S. Bhadauria Dr. M. Navin Kumar	16-17.04.2013
3	Bihar	Sanjay Gandhi Biological Park, Patna	Sh. S. C. Sharma Sh. S. K. Patnaik	25-26.08.2013
Medium Category Zoos				
4	Andhra Pradesh	Indira Gandhi Zoological Park, Visakhapatnam	Dr. S. Panda and Dr. L. N. Acharjyo	3-4.12.2013
5	Gujarat	Sayajibaug Zoo, Vadodara	Dr. Brij Kishor Gupta	23-24.02.2014
6	Gujarat	Dr. Shymaprasad Mukerjee Zoological Garden, Sarthana, Surat	Dr. Brij Kishor Gupta	25-26.02.2014
Small Category Zoos				
7	Tamil Nadu	Madras Crocodile Bank Trust, Mamallapuram	Sh. S. C. Sharma Dr. M. Navin Kumar	08.04.2013



S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Date of evaluation
8	Himachal Pradesh	Himalayan Nature Park, Kufri	Dr. Brij Kishor Gupta	02.10.2013
9	Maharashtra	Nisargakavi Bahinabai Choudhary Prani-sangrahalay, Pimpri Chinchwad, Pune	Dr. Brij Kishor Gupta	8.09.2013
10	Odisha	Kapilash Mini Zoo, Dhenkanal	Sh. R.C. Bhattacharjee	10.08.2013
11	Odisha	Indira Gandhi Park-Zoo and Deer Park, Rourkela	Sh. R.C. Bhattacharjee	11.08.2013
12	West Bengal	Calcutta Snake Park, Badu, Kolkata	Dr. M. Palit	07.11.2013
13	Uttarakhand	Pt. G. B. Pant High Altitude Zoo, Nainital	Sh. A. K. Jha	13.03.2014
14	Karnataka	Tiger and Lion Safari, Thyavarekoppa, Shimoga	Dr. M. G. Jayathangaraj	12.03.2014
15	Andhra Pradesh	Van Vigyan Kendra, Warangal	Sh. B.G. Mugadur	28-29.11.2013
16	Kerala	Parassinikkadavu Snake Park, Kannur	Sh. H.J. Bhandary	03.12.2013
17	Goa	Bondla Zoo, Bondla	Sh. P.C. Tyagi	14.11.2013
Mini Category Zoos				
18	Andhra Pradesh	Pillalamarri Deer Park, Mahabubnagar	Dr. M. G. Jayathangaraj	23.03.2013 & 24.03.2013
19	Andhra Pradesh	Deer Park, NFCL, Kakinada	Dr. M. G. Jayathangaraj	25.03.2013
20	Andhra Pradesh	Kandaleru Deer Park, Kandaleru	Dr. M. G. Jayathangaraj	20.03.2013
21	Andhra Pradesh	G.V.K. Industries Deer Park, Jegurupadu	Sh. B.G. Mugadur	01.12.2013



S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Date of evaluation
22	Andhra Pradesh	Karimnagar Deer Park, Karimnagar	Sh. B.G. Mugadur	27-28.11.2013
23	Himachal Pradesh	Renuka Mini Zoo, Sirmour	Dr. A. K. Malhotra	10.04.2013 & 11.04.2013
24	Karnataka	Children Park-cum-Mini Zoo, Gulbarga	Dr. B. Trinadha Rao	09.03.2013 & 10.03.2013
25	Karnataka	Namadachilume Deer Park, Tumkur	Dr. B. Trinadha Rao	21.03.2013 & 22.03.2013
26	Nagaland	Nagaland Zoological Park, Rangapahar	Sh. R. C. Bhattacharjee and Dr. Jikom Panor	23.03.2013
27	Odisha	Taptapani Deer Park, Berhampur	Dr. M. Navin Kumar	03.04.2013
28	Odisha	HAL Deer Park, Koraput	Dr. M. Navin Kumar	02.04.2013
29	Odisha	Kuanria Deer Park, Nayagarh	Sh. R. C. Bhattacharjee	20.05.2013
30	Odisha	Harishankar Deer Park, Bolangir	Sh. R. C. Bhattacharjee	21.05.2013
31	Tamil Nadu	Amirdhi Mini Zoo, Amirdhi	Sh. C. S. Yalakki	24.03.2013
32	West Bengal	South Khairbari Leopard Safari and Rescue Centre	Sh. R. C. Bhattacharjee	26.04.2013
33	Assam	Bijni SF Park cum Mini Zoo, Bijni, Assam	Mr. Alankar Kumar Jha	---
34	Haryana	Rohtak Zoo, Rohtak, Haryana	Dr. A.K. Malhotra	18.11.2013
35	Haryana	Deer Park, Hissar	Dr. A.K. Malhotra	20.11.2013
36	Haryana	Mini Zoo, Bhiwani	Dr. A.K. Malhotra	19.11.2013
37	Haryana	Mini Zoo, Pipli	Dr. A.K. Malhotra	20.11.2013



S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Date of evaluation
38	Uttar Pradesh	Van Prani Udyan, IVRI, Bareilly	Dr. A.K. Malhotra	28.11.2013
39	West Bengal	Adina Deer Park, Malda	Dr. M. Palit	5-6.11.2013
40	West Bengal	Jhargram Mini Zoo, Jhargram	Sh. R.C. Bhattacharjee	03.12.2013
41	Punjab	Deer Park, Bir Moti Bagh (Patiala Zoo), Patiala	Dr. A. K. Malhotra	20.02.2014
42	Punjab	Mini Zoo Bir Talab, Bhatinda	Dr. A. K. Malhotra	21.02.2014
43	West Bengal	West Bengal Snake Park & Laboratory, Badu, Kolkata	Sh. Bipul Chakrabarty	11.02.2014
44	West Bengal	Marble Place Zoo, Kolkata	Sh. Bipul Chakrabarty	13.02.2014
45	West Bengal	Nature Park, Taratola, Kolkata	Sh. Bipul Chakrabarty	12.02.2014
46	Rajasthan	Panchwati Deer Park, Pilani, Rajasthan	Dr. A. K. Malhotra	13.02.2014
47	Delhi	A. N. Jha Deer Park, Hauz Khas, Delhi	Dr. A. K. Malhotra Dr. Devender Kuamar	31.01.2014
48	Karnataka	Donimalai Deer Park, Bellary	Dr. M. G. Jayathangaraj	14.03.2014
49	Karnataka	Gendekatte Mini Zoo, Hasan, Karnataka	Dr. M. G. Jayathangaraj	10.02.2014
50	West Bengal	Kumari Kangsabati Deer Park, Bonpakuria, Bankura	Sh. R. C. Bhattacharjee	09.02.2014
51	Chhattisgarh	Nandanvan Zoo, Raipur	Sh. Bipul Chakrabarty Dr. S. K. Sahu	10.03.2014
52	Rajasthan	Safari Park, Haridas ji ki Magri, Udaipur	Sh. B. S. Bonal	17.11.2013



S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Date of evaluation
53	Kerala	Sri Lok Nayak Jayaprakash Narayan Smrithivan Deer park, Walayar	Sh. H.J. Bhandary	03.12.2013
54	Kerala	Lion Safari, Neyyar Dam, Thiruvananthapuram	Sh. H.J. Bhandary	03.12.2013
55	Karnataka	Kittur Rani Chennamma Mini Zoo	Sh. P.C. Tyagi	15.11.2013
56	Uttar Pradesh	Deer Park, IFFCO, Aonla, Bareilly	Dr. A.K. Malhotra	28.11.2013
Rescue Centre				
57	Maharashtra	Amte's Animal Ark Rescue Centre, Gadchiroli	Dr. Brij Kishor Gupta	01.04.2013
58	Himachal Pradesh	Rescue and Rehabilitation Centre, utikandi	Dr. Vibhu Prakash	22.07.2013
59	Uttar Pradesh	Agra Bear Rescue Facility, Keetham, Agra	Sh. S.C. Sharma	19.08.2013
60	Karnataka	People for Animals Rescue Centre (PFA), Bangalore	Dr. M. G. Jayathangaraj	10.02.2014
61	Haryana	Vulture Conservation Breeding Centre, Pinjore	Dr. B. R. Sharma	30.11.2013
62	Haryana	Wildlife SOS, Wildlife Rescue centre, Gurgaon	Dr. A.K. Malhotra	14.12.2013
Mid-Term Evaluation				
63	Rajasthan	Kota Zoo, Kota	Sh. B. S. Bonal	30.05.2013
64	West Bengal	Alipore Zoological Garden, Kolkata	Sh. R. S. Bhadauria Sh. Himanshu Malhotra	12.02.2014



S. No.	Name of the State	Name of the Zoo	Name of the Evaluating Officer	Date of evaluation
65	Nagaland	Nagaland Zoological Park, Rangapahar, Dimapur	Sh. R. S. Bhadauria Sh. Himanshu Malhotra	16.02.2014
66	Andhra Pradesh	Sanghi Deer Park, Sanghi Nagar	Sh. B. S. Bonal Dr. Brij Kishor Gupta	02.03.2014

Zoos Granted Recognition during 2013-2014

The Central Zoo Authority granted renewal of recognition to 57 zoos during the year 2013-14 as per the details given below. Of these 3, 2, 13 and 38 were large, medium, small and mini category zoos/rescue centres respectively. Apart 16 circuses were granted renewal of recognition. There are 192 recognized zoos (included circuses) in the country.

List of Zoos Recognized during 2013-2014

S. No.	Name of the State	Name of the Zoo	Recognition valid up to
Large Category Zoos			
1	Tamil Nadu	Arignar Anna Zoological Park, Vandalur, Chennai	28.02.2015
2	Odisha	Nandankanan Zoological Park, Bhubaneswar	30.09.2017
3	Bihar	Sanjay Gandhi Biological Park, Patna	30.04.2018
Medium Category Zoos			
4	Gujarat	Sayajibaug Zoo, Vadodara	30.04.2015
5	Andhra Pradesh	Indira Gandhi Zoological Park, Visakhapatnam	31.01.2017
Small Category Zoos			
6	Tamil Nadu	Madras Crocodile Bank Trust, Mamallapuram	31.03.2015
7	Uttaranchal	Pt. G. B. Pant High Altitude Zoo, Nainital	30.04.2016
8	Karnataka	Tiger and Lion Safari, Thyavarekoppa, Shimoga	30.04.2016
9	Goa	Bondla Zoo, Bondla	28.02.2017
10	Andhra Pradesh	Van Vigyan Kendra, Warangal	31.01.2016
11	Haryana	Rohtak Zoo, Rohtak	31.01.2017
12	Himachal Pradesh	Himalayn Nature Park, Kufri	31.01.2017



S. No.	Name of the State	Name of the Zoo	Recognition valid up to
13	Kerala	Parassinikkadavu Snake Park, Kannur	31.01.2015
14	Maharashtra	Nisargakavi Bahinabai Choudhary Prani Sangrahalaya, Pimpri Chinchwad, Pune	31.01.2015
15	Odisha	Indira Gandhi Park Zoo and Deer Park, Rorkela	31.01.2017
16	West Bengal	Calcutta Snake Park, Badu	31.01.2017
17	West Bengal	Jhargram Mini Zoo, Jhargram	31.01.2017
18	Rajasthan	Udaipur Zoo	31.01.2016
Mini Category Zoos/Rescue Centres			
19	Andhra Pradesh	Pillalamarri Deer Park, Mahabubnagar	31.0.2014
20	Andhra Pradesh	Deer Park, NFCL, Kakinada	30.09.2014
21	Andhra Pradesh	Kandaleru Deer Park, Kandaleru	31.08.2014
22	Himachal Pradesh	Renuka Mini Zoo, Sirmour	31.07.2014
23	Karnataka	Children Park-cum-Mini Zoo, Gulbarga	30.06.2015
24	Karnataka	Namadachilume Deer Park, Tumkur	30.04.2014
25	Nagaland	Nagaland Zoological Park, Rangapahar	31.07.2015
26	Odisha	Taptapani Deer Park, Berhampur	30.09.2014
27	Odisha	HAL Deer Park, Koraput	30.09.2014
28	Maharashtra	Amte's Animal Ark Rescue Centre, Gadchiroli	30.06.2014
29	Himachal Pradesh	Rescue & Rehabilitation Centre, Tutikandi	30.09.2015
30	Odisha	Kuanria Deer Park, Nayagarh	30.09.2015
31	Odisha	Harishankar Deer Park, Bolangir	30.05.2015
32	Tamil Nadu	Amirdhi Mini Zoo, Amirdhi	30.09.2015
33	West Bengal	South Khairbari Leopard Safari and Rescue Centre	30.09.2015
34	Punjab	Mini Zoo Bir Talab, Bhatinda	30.04.2016
35	West Bengal	Marble Palace Zoo, Kolkata	30.04.2015
36	West Bengal	Nature Park, Taratola, Kolkata	30.04.2015
37	Karnataka	Donimalai Deer Park, Bellary	30.04.2016
38	Karnataka	Gendekatte Mini Zoo, Hasan, Karnataka	30.04.2016
39	West Bengal	Kumari Kangsabati Deer Park, Bonpakuria, Bankura	30.04.2016



S. No.	Name of the State	Name of the Zoo	Recognition valid up to
40	Karnataka	People for Animals Rescue Centre (PFA), Bangalore	30.04.2016
41	Chhatisgarh	Nandanvan Zoo, Raipur	30.04.2015
42	Gujarat	Dr. Shymaprasad Mukerjee Zoological Garden, Sarthana, Surat	30.04.2017
43	Rajasthan	Safari Park, Haridas ji ki Magri, Udaipur	30.04.2016
44	Haryana	Vulture Conservation Breeding Centre, Pinjore	28.02.2016
45	Haryana	Wildlife SOS, Wildlife Rescue Centre, Gurgaon	28.02.2016
46	Karnataka	Kittur Rani Chennamma Mini Zoo, Bhutramanahatti, Belgaum	28.02.2016
47	Uttar Pradesh	Deer Park, IFFCO, Aonla, Bareilly	28.02.2016
48	Andhra Pradesh	G.V.K. Industries Deer Park, Jargurupadu	31.01.2015
49	Andhra Pradesh	Karimnagar Deer Park, Karimnagar	31.01.2015
50	Haryana	Deer Park, Hissar	31.01.2016
51	Haryana	Mini Zoo, Bhiwani	31.01.2016
52	Haryana	Mini Zoo, Pipli	31.01.2016
53	Kerala	Lion Safari, Neyyar Dam, Thiruvananthapuram	31.01.2015
54	Odisha	Kapilash Mini Zoo, Dhenkanal	31.01.2016
55	Uttar Pradesh	Agra Bear Rescue Facility, Keetham, Agra	31.01.2016
56	Uttar Pradesh	Van Prani Udyan, IVRI, Bareilly	31.01.2016
57	West Bengal	Adina Deer park, Adina, Malda	31.01.2016



Photo Credit: Chandan K. Bora

Greater adjutant stork (*Leptoptilos dubius*) at Assam State Zoo, Guwahati



Photo Credit: Muskam Sandeep

Slender Loris (*Loris lydekkerianus*) at Nahru Zoological Park, Hyderabad



4.2 List of the recognized zoos as on 31st March 2014:

The zoos in India are classified as “large, medium, small and mini zoos” as per the criteria (area of the zoo, number of visitors, number of species and animals, endangered species and number of animals of endangered species) provided under the Recognizing of Zoo Rules 2009, for the purpose of deciding standards and norms for recognition of zoo and monitoring and evaluating its performance. The zoo should 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:

S.No.	Name of the Zoo	City	State / Union Territory	Category
1.	Biological Park, Chidyatapu	Port Blair	Andaman & Nicobar Islands	Mini Zoo
2.	Deer Park - Satyam Technology Centre	Ranga Reddy	Andhra Pradesh	Mini Zoo
3.	Deer Park, Chittoor Reserve Forest	Chittoor (East) Division	Andhra Pradesh	Mini Zoo
4.	Deer Park, Kandaleru	Kandaleru	Andhra Pradesh	Mini Zoo
5.	Deer Park, Kesoram Cement	Basant Nagar	Andhra Pradesh	Mini Zoo
6.	Deer Park, NFCL Green Belt	Kakinada	Andhra Pradesh	Mini Zoo
7.	Deer Park, Tirumala Hills	Chittoor	Andhra Pradesh	Mini Zoo
8.	G.V.K. Industires Deer Park	Hyderabad	Andhra Pradesh	Mini Zoo
9.	Himayat Sagar Mini Zoo	Ranga Reddy	Andhra Pradesh	Mini Zoo
10.	Indira Gandhi Zoological Park	Visakhapatnam	Andhra Pradesh	Medium Zoo
11.	Karimnagar Deer Park	Karimnagar	Andhra Pradesh	Mini Zoo
12.	Karuna Society For Animals And Nature-Rescue Centre	Distt. Anantapur	Andhra Pradesh	Rescue Center
13.	Kinnerasari Deer Park	Kinnersari	Andhra Pradesh	Mini Zoo
14.	Nehru Zoological Park	Hyderabad	Andhra Pradesh	Large Zoo



S.No.	Name of the Zoo	City	State / Union Territory	Category
15.	Pillalamarri Deer Park	Pillalamarri Complex, Mahabub Nagar	Andhra Pradesh	Mini Zoo
16.	Sanghi Deer Park	Sanghi Nagar	Andhra Pradesh	Mini Zoo
17.	Sri Venkateswara Zoological Park	Tirupati	Andhra Pradesh	Medium
18.	Vanavigyan Kendra, Hunter Road, Hanamkonda	Warangal	Andhra Pradesh	Small Zoo
19.	Biological Park, Itanagar	Itanagar	Arunachal Pradesh	Small Zoo
20.	Centre For Bear Rehabilitation And Conservation	Pakke	Arunachal Pradesh	Rescue Center
21.	Miao Mini Zoo	Miao	Arunachal Pradesh	Mini Zoo
22.	Mini Zoo, Roing	Roing	Arunachal Pradesh	Mini Zoo
23.	Assam State Zoo Cum Botanical Garden	Guwahati	Assam	Large Zoo
24.	Bijni Deer Park	Bongaigaon	Assam	Mini Zoo
25.	Centre For Wildlife Rehabilitation and Conservation	Golaghat	Assam	Rescue Center
26.	Moonlight Circus	Khelmati	Assam	Circus
27.	Rhino Circus	Lakhimpur	Assam	Circus
28.	Sanjay Gandhi Biological Park	Patna	Bihar	Large Zoo
29.	Kanan Pandari Zoo	Bilaspur	Chhattisgarh	Small Zoo
30.	Maitri Baagh Zoo	Bhilai	Chhattisgarh	Small Zoo
31.	Nandan Van Zoo	Raipur	Chhattisgarh	Small Zoo
32.	Lion Safari - Vasona	Vasona	Dadra & Nagar Haveli	Mini Zoo



S.No.	Name of the Zoo	City	State / Union Territory	Category
33.	A.N. Jha Deer Park, Hauz Khas	Hauz Khas (New Delhi)	Delhi	Mini Zoo
34.	National Zoological Park	Delhi	Delhi	Medium Zoo
35.	Bondla Zoo	Usgao	Goa	Small Zoo
36.	Dr. Shyamaprasad Mukharjee Zoological Garden	Surat	Gujarat	Small Zoo
37.	Great Golden Circus	Ahmedabad	Gujarat	Circus
38.	Indroda Nature Park	Gandhi Nagar	Gujarat	Medium Zoo
39.	Kamla Nehru Zoological Garden	Ahmedabad	Gujarat	Large Zoo
40.	Rajkot Zoo	Rajkot	Gujarat	Mini Zoo
41.	Sakkarbaug Zoo	Junagarh	Gujarat	Medium Zoo
42.	Sayaji Baug Zoo	Vadodara	Gujarat	Medium Zoo
43.	Sir Peter Scott Nature Park	Jamnagar	Gujarat	Mini Zoo
44.	Sundervan Nature Discovery Centre	Jodhpur Tekra (Ahmedabad)	Gujarat	Mini Zoo
45.	Deer Park, Hissar	Hissar	Haryana	Mini Zoo
46.	Hanuman Vatika - Rescue Centre	Gurgoan	Haryana	Rescue Center
47.	Mini Zoo, Bhiwani	Bhiwani	Haryana	Mini Zoo
48.	Mini Zoo, Pipli	Pipli	Haryana	Mini Zoo
49.	Rohtak Zoo	Rohtak	Haryana	Mini Zoo
50.	Vulture Conservation Breeding Center	Pinzore	Haryana	Rescue Center
51.	Wildlife Rescue Centre	Gurgaon	Haryana	Rescue Center
52.	Dhauladhar Nature Park	Gopalpur	Himachal Pradesh	Small Zoo
53.	Himalayan Nature Park	Kufri	Himachal Pradesh	Small Zoo
54.	Nehru Pheasantary	Manali	Himachal Pradesh	Rescue Center



S.No.	Name of the Zoo	City	State / Union Territory	Category
55.	Renuka Mini Zoo	Sirmur	Himachal Pradesh	Mini Zoo
56.	Rescue and Rehabilitation Home	Tutikandi	Himachal Pradesh	Rescue Center
57.	Rewalsar Mini Zoo	Mandi	Himachal Pradesh	Mini Zoo
58.	Sarahan Phesantry	Sarahan	Himachal Pradesh	Mini Zoo
59.	Jammu Zoo	Ramnagar	Jammu & Kashmir	Mini Zoo
60.	Kashmir Zoo	Srinagar	Jammu & Kashmir	Mini Zoo
61.	Bhagwan Birsa Biological Park	Ranchi	Jharkhand	Medium Zoo
62.	Birsa Mrig Vihar	Kalimati	Jharkhand	Mini Zoo
63.	Jawaharlal Nehru Biological Park	Bokaro	Jharkhand	Small Zoo
64.	Mugger Breeding Centre (Muta Zoo)	Muta	Jharkhand	Mini Zoo
65.	Tata Steel Zoological Park	Jamshedpur	Jharkhand	Small Zoo
66.	Bellary Childrens Park-Cum-Zoo (Bellary Zoo)	Bellary	Karnataka	Small Zoo
67.	Children Park & Zoo (Gadag Zoo)	Gadag	Karnataka	Small Zoo
68.	Deer Park at Shri Kshetra Sogal, Soudatti	Belgaun	Karnataka	Mini Zoo
69.	Deer Park, N.M.D.C. Ltd.	Donimalai	Karnataka	Mini Zoo
70.	Dr. K. Shivarma Karanth Piliikula Biological Park	Mangalore	Karnataka	Medium Zoo
71.	Indira Priyadarshini Sangrahalaya, Anagodu	Davangere Taluk	Karnataka	Mini Zoo
72.	Kittur Rani Cannamma Nisarg Dhama Mini Zoo	Belgaum	Karnataka	Mini Zoo
73.	Mini Zoo A. M. Gudi Balvana	Chitradurga	Karnataka	Mini Zoo



S.No.	Name of the Zoo	City	State / Union Territory	Category
74.	Mini Zoo At Gendekatte	Hassan	Karnataka	Mini Zoo
75.	Mini Zoo Cum Children Park	Gulbarga	Karnataka	Mini Zoo
76.	Namadachilume Deer Park	Tumkur	Karnataka	Mini Zoo
77.	National Park, Bannerghatta Zoological Garden	Bangalore	Karnataka	Medium Zoo
78.	People For Animals - Rescue Centre	Bangalore	Karnataka	Rescue Center
79.	Sri Chamarajendra Zoological Gardens	Mysore	Karnataka	Large Zoo
80.	Tiger & Lion Safari	Shimoga	Karnataka	Small Zoo
81.	Tungabhadra Dam Mini Zoo	Bellary	Karnataka	Mini Zoo
82.	Gemini Circus	Varam	Kerala	Circus
83.	Great Bombay Circus	Tillicherry	Kerala	Circus
84.	Great Rayman Circus	Cochin	Kerala	Circus
85.	Hill Palace Zoo, Ernakulam	Ernakulam	Kerala	Mini Zoo
86.	Jamuna Circus	Raigarh	Kerala	Circus
87.	Jumbo Circus	Varam	Kerala	Circus
88.	Kodanadu Zoo	Kodanadu	Kerala	Small Zoo
89.	Lion Safari Park at Nayyar Dam (Nayyar Mini Zoo)	Thirunvanantha-puram	Kerala	Mini Zoo
90.	Parassinikadavu Reptile Park	Kanur	Kerala	Mini Zoo
91.	Raj Kamal Circus	Dharmadam	Kerala	Circus
92.	Snake Park, Malampuzha	Malampuzha	Kerala	Mini Zoo
93.	Sri Lok Nayak Jaya Prakash Narayan Smrity Van Deer Park	Walayar	Kerala	Mini Zoo
94.	State Museum & Zoo	Thrissur	Kerala	Medium Zoo



S.No.	Name of the Zoo	City	State / Union Territory	Category
95.	Thiruvananthapuram Zoo	Thirunvanantha-puram	Kerala	Medium Zoo
96.	Gandhi Zoological Park	Gwalior	Madhya Pradesh	Small Zoo
97.	Kamla Nehru Prani Sanghralhalaya Zoo	Indore	Madhya Pradesh	Small Zoo
98.	Van Vihar National Park Zoo	Bhopal	Madhya Pradesh	Small Zoo
99.	Amtes Animal Ark	Wardha	Maharashtra	Rescue Center
100.	Aurangabad Municipal Zoo	Aurangabad	Maharashtra	Small Zoo
101.	Leopard Rescue Centre	Manikdoh	Maharashtra	Rescue Center
102.	Maharaja Shahaji Chhatrapati Zoo	Kolhapur	Maharashtra	Mini Zoo
103.	Maharajbag Zoo	Nagpur	Maharashtra	Small Zoo
104.	Mahatma Gandhi Rashtriya Udyan Zoo	Solapur	Maharashtra	Small Zoo
105.	Nisargakavi Bahinabai Choudhary Pranisanghalaya	Chinchiwad, Pune	Maharashtra	Small Zoo
106.	People For Animals, Shelter House	Wardha	Maharashtra	Rescue Center
107.	Rajiv Gandhi Zoological Park And Wildlife Research Center	Pune	Maharashtra	Small Zoo
108.	Rambo Circus	Pune	Maharashtra	Circus
109.	Sanjay Gandhi National Park And Zoo	Borivali	Maharashtra	Small Zoo
110.	Snake Park, Shikshan Mandal	Kolhapur	Maharashtra	Mini Zoo
111.	The Great Royal Circus	Namadic	Maharashtra	Circus
112.	Veer mata Jijabai Bhosale Udyan & Zoo	Mumbai	Maharashtra	Small Zoo
113.	Manipur Zoological Garden	Imphal	Manipur	Small Zoo



S.No.	Name of the Zoo	City	State / Union Territory	Category
114.	Lady Hydari Park Animal Land (Meghalaya Zoo)	Shillong	Meghalaya	Mini Zoo
115.	Nehru Park Zoo, Danakgre, Tura	Akhongini Tura	Meghalaya	Mini Zoo
116.	Aizawl Zoo (Mizoram Zoo)	Aizwal	Mizoram	Small Zoo
117.	Deer Park, Thenzawl	Thenzawl	Mizoram	Mini Zoo
118.	Nagaland Zoological Park, Rangapahar	Dimapur	Nagaland	Mini Zoo
119.	Deer Park, Berhampur Unit	Berhampur	Odisha	Mini Zoo
120.	Deer Park, Papadahandi	Nawarangpur	Odisha	Mini Zoo
121.	Gharial Research & Conservation Unit	Tikarpara	Odisha	Mini Zoo
122.	H.A.L. Deer Park, Koraput	Sunabeda	Odisha	Mini Zoo
123.	Harishankar Deer Park	Balangir	Odisha	Mini Zoo
124.	Indira Gandhi Park Zoo	Rourkela	Odisha	Small Zoo
125.	Kapilash Zoo	Dhenkanal	Odisha	Small Zoo
126.	Kuanria Deer Park, Nayagarh Forest Division	Nayagarh	Odisha	Mini Zoo
127.	Municipality Deer Park	Cuttack	Odisha	Mini Zoo
128.	Nandankanan Biological Park	Bhubaneshwar	Odisha	Large Zoo
129.	Taptapani Deer Park	Parlakhemundi	Odisha	Mini Zoo
130.	Wild Animal Conservation Center	Mothijharan, Sambalpur	Odisha	Small Zoo
131.	Deer Park, Bir Moti Bagh (Patiala Zoo)	Patiala	Punjab	Small Zoo
132.	Deer Park, Bir Talab	Bhatinda	Punjab	Mini Zoo
133.	Deer Park, Neelon	Ludhiana	Punjab	Mini Zoo



S.No.	Name of the Zoo	City	State / Union Territory	Category
134.	Ludhiana Zoo	Ludhiana	Punjab	Small Zoo
135.	Mahendra Chaudhury Zoological Park	Chhatbir, Chandigarh	Punjab	Medium Zoo
136.	Bikaner Zoo	Bikaner	Rajasthan	Mini Zoo
137.	Deer Park, Shri Goverdhan Trust	Udaipur	Rajasthan	Mini Zoo
138.	Jaipur Zoo	Jaipur	Rajasthan	Small Zoo
139.	Jodhpur Zoo	Jodhpur	Rajasthan	Small Zoo
140.	Kota Zoo	Kota	Rajasthan	Small Zoo
141.	Panchwati Deer Park	Pilani	Rajasthan	Mini Zoo
142.	Safari Park, Haridasji-Ki-Magri	Udaipur	Rajasthan	Mini Zoo
143.	Udaipur Zoo	Udaipur	Rajasthan	Small Zoo
144.	Himalayan Zoological Park, Bulbuley	Gangtok	Sikkim	Mini Zoo
145.	Amirdhi Zoo	Vellore	Tamil Nadu	Small Zoo
146.	Arignar Anna Zoological Park	Vandalur, Chennai	Tamil Nadu	Large Zoo
147.	Chennai Snake Park Trust	Guindy, Chennai	Tamil Nadu	Small Zoo
148.	Childrens Park	Guindy, Chennai	Tamil Nadu	Small Zoo
149.	Kurumbapatti Zoological Park	Salem	Tamil Nadu	Mini Zoo
150.	Madras Crocodile Bank Trust/ Centre For Herpetology	Mahabalipuram	Tamil Nadu	Small Zoo
151.	Nilgiri Mini Zoo And Breeding Centre	Tiruchirapalli	Tamil Nadu	Mini Zoo
152.	Shivganga Garden Mini Zoo	Thanjavur	Tamil Nadu	Mini Zoo
153.	V.O.C. Park Mini Zoo	Coimbatore	Tamil Nadu	Small Zoo



S.No.	Name of the Zoo	City	State / Union Territory	Category
154.	Sepahijala Zoological Park	Sepahijala, Agartala	Tripura	Medium Zoo
155.	Agra Bear Rescue Facility	Agra	Uttar Pradesh	Rescue Center
156.	Apollo Circus	Varanasi	Uttar Pradesh	Circus
157.	Deer Park, IFFCO Township, Anda	Bareilly	Uttar Pradesh	Mini Zoo
158.	Great Apollo Circus	Hamirpur	Uttar Pradesh	Circus
159.	Great Gemini Circus	Kanpur	Uttar Pradesh	Circus
160.	Kanpur Zoological Park	Kanpur	Uttar Pradesh	Medium Zoo
161.	Lucknow Zoological Garden	Lucknow	Uttar Pradesh	Medium Zoo
162.	Nawabganj Deer Park	Unnao	Uttar Pradesh	Mini Zoo
163.	Rajmahal Circus	Hamirpur	Uttar Pradesh	Circus
164.	Sarnath Deer Park	Varanasi	Uttar Pradesh	Small Zoo
165.	Van Prani Udyan, I.V.R.I.	Izatnagar, Bareilly	Uttar Pradesh	Mini Zoo
166.	Vinod Van Mini Zoo, Ramgarh (Gorakhpur Zoological Park)	Gorakhpur	Uttar Pradesh	Mini Zoo
167.	Deer Park, Narain Tewari Dewal (Almora Zoo)	Almora	Uttarakhand	Mini Zoo
168.	Malsi Deer Park (Dehra Dun Biological Park)	Dehradun	Uttarakhand	Mini Zoo
169.	Pt. Govind Ballabh Pant High Altitude Zoo	Nainital	Uttarakhand	Small Zoo
170.	Adina Deer Park	Malda	West Bengal	Mini Zoo
171.	Ajanta Circus	Kolkata	West Bengal	Circus
172.	Alipore Zoological Garden	Kolkata	West Bengal	Medium Zoo
173.	Asiad Circus	Kolkata	West Bengal	Circus



S.No.	Name of the Zoo	City	State / Union Territory	Category
174.	Calcutta Snake Park	Badu, Kolkata	West Bengal	Small Zoo
175.	Empire Circus	Kolkata	West Bengal	Circus
176.	Famous Circus	Kolkata	West Bengal	Circus
177.	Gar Chumuk (Ulughata) Deer Park	Howrah	West Bengal	Mini Zoo
178.	Jhargram Zoo	Jhargram	West Bengal	Small Zoo
179.	Kohinoor Circus	Kolkata	West Bengal	Circus
180.	Kumari Kangsabuti Deer Park, Bonpakuria	Bonpakuria, Bankura	West Bengal	Mini Zoo
181.	Kunjanagar Eco-Park	Jalpaiguri	West Bengal	Mini Zoo
182.	Marble Palace Zoo	Kolkata	West Bengal	Small Zoo
183.	Natraj Circus	Kolkata	West Bengal	Circus
184.	Nature Park at Toratotla Road	Kolkata	West Bengal	Rescue Center
185.	Olympic Circus	Kolkata	West Bengal	Circus
186.	Padmaja Naidu Himalayan Zoological Park	Darjeeling	West Bengal	Small Zoo
187.	Pugmarks - PFA Sanitketan Rescue Centre	Kolkata	West Bengal	Rescue Center
188.	Purulia Mini Zoo, Surulia	Purulia	West Bengal	Mini Zoo
189.	Ramnabagan Mini Zoo	Burdwan	West Bengal	Mini Zoo
190.	Rasikbeel Mini Zoo	Cochbihar	West Bengal	Mini Zoo
191.	South Khairbari Leopard Safari And Rehabilitation Centre	Madarihat	West Bengal	Mini Zoo
192.	West Bengal Snake Park & Laboratory, Badu	Badu, Kolkata	West Bengal	Small Zoo



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, Hoolock gibbon, Blyth's Tragopan, Red panda, Mouse deer, and Vulture etc. are breeding well in the captivity.

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



Snow leopard (*Panthera uncia*) at Padmaja Naidu Himalayan Zoological Park, Darjeeling
Photo Credit: A.K. Jha



Dhole (*Cuon alpinus*) at Indra Gandhi Zoological Park, Visakhapatnam
Photo Credit: Dr. Brij Kishor Gupta



Phayre's leaf monkey (*Trachypithecus phayrei*) at Sepahjala Zoological Park, Agartala
Photo Credit: Anjan Sarkar



Four-horned antelope (*Tetracerus quadricornis*) at Sakkarbaug Zoo, Junagarh, Gujarat
Photo Credit: Ravi Chauhan



Monal (*Lophophorus impejanus*) at Manali Pheasantry, Himachal Pradesh
Photo Credit: Nirlep Dhatwalia



King cobra (*Ophiophagus hannah*) at Dr. Shivarama Karantha Piliikula Biological Park, Mangalore
Photo Credit: Dr. Brij Kishor Gupta



S.No.	Name of zoo	Species	Activity	Amount in ₹ (lakhs)
1.	Biological Park, Itanagar	Hoolock gibbon	Conservation Breeding Programme	12.86
2.	Kohima Zoo, Kohima, Nagaland	Blyth's Tragopan	Conservation Breeding facility at old zoo Kohima, Nagaland	28.88
3.	Nehru Zoological Park, Hyderabad	Mouse Deer	Conservation Breeding Centre	5.588
4.	Nehru Zoological Park, Hyderabad	Vultures	Conservation Breeding Centre	7.20
5.	Sepahijala Zoological Park, Agartala, Tripura		Expenditure on feed and salary for biologist & keeper and other related works	13.38
6.	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Red panda	Installation of CCTV System cameras at Conservation breeding centre	18.25 (1* installment)
7.	Nandankanan Biological Park, Bhubaneswar	Vulture	Development and establishment of lab at vulture conservation breeding centre	38.42
8.	Van Vihar National Park & Zoo, Bhopal	Vulture	Establishment of additional colony aviary at vulture conservation breeding centre	26.70
9.	Vulture Conservation Breeding Centre, Pinjore, Haryana	Vulture	Feed and upkeep of the birds	18.63

Target is to have at least 100 properly bred and genetically, physically and behaviourally healthy individuals of each targeted species in captivity in India for proper display and as insurance for future exigencies & ultimately release back to wild.



4.4 Exchange/Transfer of animals by zoos approved by CZA

44 exchange proposals of animals between Indian Zoos and 4 exchange proposals between Indian and Foreign Zoos have been approved by the Authority during the year 2013-14.

4.4.1 Exchange of animals between Indian Zoos

44 exchange proposals of animals between Indian Zoos.

Sl. No.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
1.	Dr. Shivaram Karanth Pilikula Biological Park, Mangalore	Dr. Shyama Prasad Mukherjee Zoological Garden, Surat
	Bengal tiger	1:1:0 Hanuman langur 2:0:0
	Blackbuck	0:4:0 Rhesus macaque 2:2:0
	Barking deer	1:1:0 Spoon bill 0:0:5
	---	Brown fish owl 0:0:1
2.	Bhagwan Birsa Biological Park, Ranchi	Nandankanan Zoological Park, Bhubaneswar
	Sloth bear	1:1:0 Hippopotamus 1:1:0
	Himalayan black bear	1:1:0 Night heron 1:1:0
	Mute swan	2:2:0 Grey heron 1:1:0
		White ibis 2:2:0
		Water monitor lizard 0:0:4
3.	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Zoological Garden, Alipore
	Red jungle fowl	2:1 Grey peacock pheasant 0:0:2
	Kaleej pheasant	2:1 --- ---
4.	National Zoological Park, Delhi	Gandhi Zoological Park, Gwalior
	Red jungle fowl	2:2 Crocodile 2:2
	Jackal	1:1 Barking deer 2:1
	EMU	0:0:5 (to ensure proper sex ratio) --- ---
5.	Jaipur Zoo, Jaipur	Udaipur Zoo, Udaipur
	Indian wolf	1:1 --- ---



Sl. No.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
6.	Rajkot Zoological Park, Rajkot	Padmaja Naidu Himalayan Zoological Park, Darjeeling
	---	Common langur 0:2
7.	Sri Krishna Gauseval Mandal, Dhoraji	Rajkot Zoological Park, Rajkot
	rescued Bonnet macaque 1:1	---
8.	Rasikbeel Mini Zoo, Coochbehar	Padmaja Naidu Himalayan Zoological Park, Darjeeling
	Common leopard 1:1	---
9.	Kamla Nehru Prani Sangrahalaya, Indore	Kanan Pendari Zoo, Bilaspur
	White tiger 0:1:0	Lion 1:1:0
10.	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Himalayan Zoological Park, Gangtok
	Blue sheep (Japanese origin) 1:1	---
	Common leopard 1:0	--
11.	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Zoological Garden, Alipore, Kolkata
	Red jungle fowl 1:2	Bhutan grey peacock pheasant 1:1
	Kaleej pheasant 1:2	---
12.	National Zoological Park, Delhi	M. C. Zoological Park, Chhatbir
	Brow antlered deer 1:2	Indian gazelle (Chinkara) 1:2
13.	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Himalayan Nature Park, Kufri
	Blue sheep 1:1	Himalayan goral 0:1
	Tibetan wolf 0:3	Cheer pheasant 2:2
	Himalayan goral 1:1	Himalayan monal 1:1
14.	Sri Venkateswara Zoological Park, Tirupati	Jaipur Zoo, Jaipur
	White tiger 1:0	Indian wolf 1:1
	Grey jungle fowl 1:1	Gharial 1:0
	Cockatiel pied 3:3	---
	Cockatiel Lutino 2:2	---
15.	Kamla Nehru Prani Sangrahalaya, Indore	Van Vihar National Park-Zoo, Bhopal
	White tiger 0:1	Bengal tiger 1:0



Sl. No.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
16.	Rajkot Zoological Park, Rajkot	Maitri Baag Zoo, Bhilai
	Asiatic lion	1:1
17.	Nehru Zoological Park, Hyderabad	Dr. Shivaram Karanth Pilikula Biological Park, Mangalore
	Royal Bengal tiger	0:1:0
	Grey jungle fowl	1:0:0
	Purple heron	1:1:0
	White ibis	4:4:0
	Painted stork	2:2:0
	Silver pheasant	1:2:0
18.	Padmaja Naidu Zoological Park, Darjeeling	Jhargram Mini Zoo, Jhargram
	Kaleej pheasant	1:1
	Red jungle fowl	1:1
19.	Padmaja Naidu Zoological Park, Darjeeling	Himalayan Zoological Park, Gangtok
	---	---
20.	Padmaja Naidu Zoological Park, Darjeeling	Pt. G. B. Pant High Altitude Zoo, Nainital
	Blue sheep	1:1
	---	---
21.	Maitri Baag Zoo, Bhilai	Lucknow Zoological Park, Lucknow
	White tiger	0:1
	Great horned owl	1:1
	---	---
	---	---
	---	---
22.	Kamla Nehru Prani Sangrahalaya, Indore	Maitri Baag Zoo, Bhilai
	Jackal	1:1
	Star tortoise	1:1
	Peacock	2:2
	Alaxander parakeet	2:2
23.	Padmaja Naidu Zoological Park, Darjeeling	Pt. G. B. Pant High Altitude Zoo, Nainital
	Red panda	1:1



Sl. No.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given		
24.	Sri Chamarajendra Zoological Gardens, Mysore	Sanjay Gandhi Biological Park, Patna		
	Giraffe	1:0	One horned rhinoceros	1:1
	Indian gaur	1:2		
	Sarus crane	1:1		
	Wolf	1:1		
	Hyena	1:1		
	Black swan	1:2		
25.	Thiruvananthapuram Zoo, Thiruvananthapuram	Lucknow Zoological Garden, Lucknow		
	Jungle cat	1:1	Swamp deer	5:10
	Ostrich	1:1	Rosy pelican	2:2
	Bonnet macaque	2:4	Kalij pheasant	1:1
			Golden pheasant	1:1
26.	Kanpur Zoological Park, Kanpur	Lucknow Zoological Gardens, Lucknow		
	Barasingha	4:0	Barasingha	4:0
	Blackbuck	4:0	Blackbuck	4:0
27.	National Zoological Park, New Delhi	Padmaja Naidu Himalayan Zoological Park, Darjeeling		
	Common palm civet	0:2	Nil	Nil
28.	Dr. Shyamaprasad Mukharjee Zoological Garden, Surat	Rajkot Zoological Park, Rajkot		
	Jackal	1:1	Hog deer	1:1
	Blackbuck	1:1	Blackbuck	0:4
	Four horned antelope	2:0	Leopard	1:0
29.	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Assam State Zoo cum Botanical Garden, Guwahati		
	Kaleej pheasant	1:0	Slow loris	1:1
	Golden pheasant	2:2		
	Red jungle fowl	2:2		
	Silver pheasant	1:2		
30.	Padmaja Naidu Himalayan Zoological Park Darjeeling	Himalayan Zoological Park, Gangtok		
	Himalayan goral	1:1	Himalayan goral	1:1



Sl. No.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
	Golden pheasant 1:2	Satyr tragopan 1:0
31.	Gandhi Zoological Park, Gwalior	Pt. G. B. Pant High Altitude Zoo, Nainital
		Leopard 1:1
32.	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Pt. G. B. Pant High Altitude Zoo, Nainital
	Red panda (<i>Ailurus fulgens</i>) 1:1	-- --
33.	Jharkhand Forest Department	Agra Bear Rescue Facility, Keetham, Agra
	Sloth bear 0:0:4	-- --
34.	V. J. B. Udyan-Zoo, Byculla, Mumbai	National Zoological Park, Delhi
	One horned rhinoceros 1:0	-- --
35.	Katihar District of Bihar	Agra Bear Rescue Facility, Keetham, Agra
	Sloth bear 0:0:2	-- --
36.	Nagaland Zoological Park, Nagaland	Thiruvananthapuram Zoo, Thiruvananthapuram
	Asiatic black bear 1:1	Bengal tiger 1:1
37.	National Zoological Park, Delhi	Van Vihar National Park-Zoo, Bhopal (For Mukundpur)
	White tiger 0:1	Bengal tiger 1:0
38.	Sri Venkateswara Zoological Park, Tirupati	Tata Steel Zoological Park, Jamshedpur
	White tiger 1:0	Mandril 1:1
	Indian porcupine 2:2	---
	Grey jungle fowl 1:1	---
	Star tortoise 3:3	---
39.	Lucknow Zoological Park, Lucknow	Sakkarbaug Zoo, Junagadh
	Swamp deer 0:2	Asiatic lion 2:2
	Hog deer 1:1	---
	Blue and Gold macaw 1:1	---
	Golden pheasant 2:2	---
	Ring neck pheasant 2:2	---
40.	Kanpur Zoological Park, Kanpur	Lucknow Zoological Park, Lucknow
	Swamp deer 4:0	Swamp deer 4:0



Sl. No.	Name of the Zoo and animals to be given		Name of the Zoo and animals to be given	
	Black buck	4:0	Black buck	4:0
41.	Padmaja Naidu Himalayan Zoological Park, Darjeeling		Pt. G. B. Pant High Altitude Zoo, Nainital	
	Blue sheep	1:1	Himalayan goral	1:1
	---	---	Cheer pheasant	1:1
	---	---	Lady Amherst	2:2
42.	Sri Chamarajendra Zoological Gardens, Mysore		Arignar Anna Zoological Park, Vandalur, Chennai	
	Black swan	2:2	Nilgiri langur	1:2
	Indian grey wolf	2:0	Reticulated python	2:2
	Red necked wallaby	1:1	Ostrich	2:0
	Brow antlered deer	2:1	---	---
	Swamp deer	0:1	---	---
43.	National Zoological Park, Delhi		Thiruvananthapuram Zoo, Thiruvananthapuram	
	Barking deer	0:3	Black swan	1:1
	White tiger (to be given after six months)	0:1	Ostrich	1:1
	Red jungle fowl	2:2	Golden pheasant	1:1
	Albino black buck	1:1	Bonnet macaque	1:2
	Nilgai	2:3	Brown fish owl	2:2
	White ibis	2:3	Brahmini kite	1:2
	Painted stork	1:2	Jaguar	1:0
44.	National Zoological Park, New Delhi		Sri Chamarajendra Zoological Gardens, Mysore	
	-		Tiger cub	--



4.4.2 Exchange proposal between Indian Zoos & Foreign Zoos

4 exchange proposals between Indian and Foreign Zoos.

Sl. No.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
1.	Zoological Centre Tel Aviv-Ramat Gan (Safari), Israel	Sri Chamarajendra Zoological Gardens, Mysore
	Zebra (<i>Equus burchellii</i>) 2:2	---
2.	Zoo Zlin, Czech Republic	Sri Chamarajendra Zoological Gardens, Mysore
	---	Spot billed pelican 4:4
	---	Sloth bears 1:1
3.	National Wildlife Research Centre, Saudi Arabia	Nehru Zoological Park, Hyderabad
	African lion (<i>Panthera leo</i>) 1:1	African lion (<i>Panthera leo</i>) 1:1
	African cheetah (<i>Acinonyx jubatus</i>) 1:1	African cheetah (<i>Acinonyx jubatus</i>) 1:1
4.	Leipzig Zoo, Leipzig, Germany	Indira Gandhi Zoological Park, Visakhapatnam
	Hamadryas baboon 3:18	---
	Lion tailed macaque 2:0	---



Sloth bear (*Melursus ursinus*) Photo Credit: Dr. Brij Kishor Gupta



Lion-tailed Macaque (*Macaca silenus*) Photo Credit: Natasha Sethi



4.5 Maintenance of Studbooks

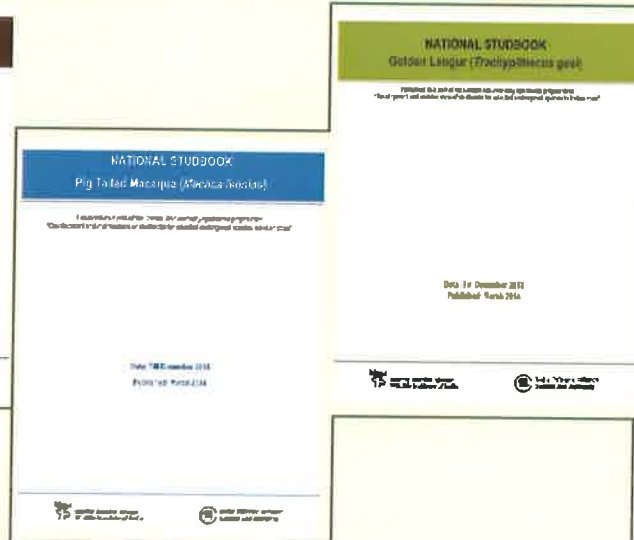
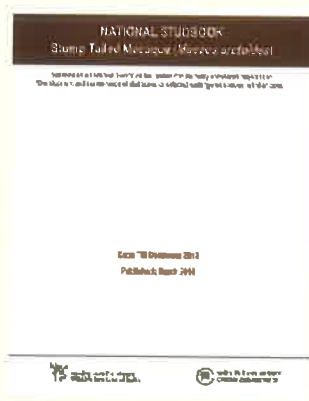
The Central Zoo Authority is compiling the National studbooks/animal profiles of 45 identified wild animal species taken up under the Conservation Breeding Programme. The Wildlife Institute of India, Dehradun has already updated 12 studbooks out of existing 14 studbooks, and working on 20 new species for developing new studbooks. WII, Dehradun has already submitted the annual progress report of the project for the 1st Year.

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 (*Syrmaticus humiae humaie*)
9. Indian Pangolin (*Lepus nigricollis*)
10. Lion-tailed Macaque (*Macaca silenus*)
11. Long-billed vulture (*Gyps indicus*)
12. Malayan sun bear (*Helactos malayanus*)
13. Nicobar Pigeon (*Caloenas nicobarica*)
14. Pig-tailed Macaque (*Macaca nemestrina*)
15. Red panda (*Ailurus fulgens fulgens*)
16. Serow (*Nemorhaedus sumatraensis*)
17. Smooth coated otter (*Lutra lutra*)
18. Spectacled leaf monkey (*Trachypithecus phayrei*)
19. Swamp deer (*Cervus duvauceli*)
20. Tibetan wolf (*Canis lupus laniger*)
21. Water monitor lizard (*Varanus salvator*)
22. White backed vulture (*Gyps 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 (Bison) (*Bos gaurus*)
31. King cobra (*Ophiophagus Hannah*)
32. Malabar giant squirrel (*Ratufa indica*)
33. Mouse deer (*Tragulus meminna*)
34. Nilgiri langur (*Semnopithecus johnii*)
35. Red junglefowl (*Gallus gallus gallus*)
36. Rhinoceros One horned (*Rhinoceros unicornis*)
37. Slender-billed Vulture (*Gyps tenuirostris*)
38. Snow leopard (*Panthera uncia uncia*)
39. Stump-tailed (*Macaca arctoides*)
40. Manipur brow antlered deer (*Cervus eldi eldi*)
41. Bengal tiger (*Panthera tigris*)
42. Western tragopan (*Tragopan melanocephalus*)
43. Wild ass (*Equus hemionus khur*)
44. Himalayan tahr (*Hemitragus jemlahicus*)
45. Blue Sheep (*Pseudois nayaur*)





4.6. Improved Planning Process of Zoos

4.6.1 Master Plan

The Central Zoo Authority is assisting recognized zoos in finalization of Master Plans for detailed long-term future development. The Central Zoo Authority has received 165 detailed Master Plans as on 31st March, 2014. The CZA is also reviewing the previously granted approval for Master (layout) Plans of 78 Zoos and Master Plan of the 45 Zoos to ensure the more insight of CZA for better development of the zoos.

During the current financial year; CZA has approved master plan of the following 6 Zoos as per detail given below:

S.No.	Name of the Zoo
1	Arignar Anna Zoological Park, Vandalur, Chennai, Tamil Nadu
2	Rajiv Gandhi Zoological Park & Wildlife Research Centre, Katraj, Pune, Maharashtra
3	Sri Chamarajendra Zoological Gardens, Mysore, Karnataka
4	Vulture Conservation Breeding and Rescue Centre, Pinjore, Haryana
5	Mini Zoo, Roing, Arunachal Pradesh
6	Bellary Zoo, Bellary relocation to Atal Bihari Vijapayee Zoological Park in Bilikal Reserve Forests, Kamalapur near Hospet, Bellary



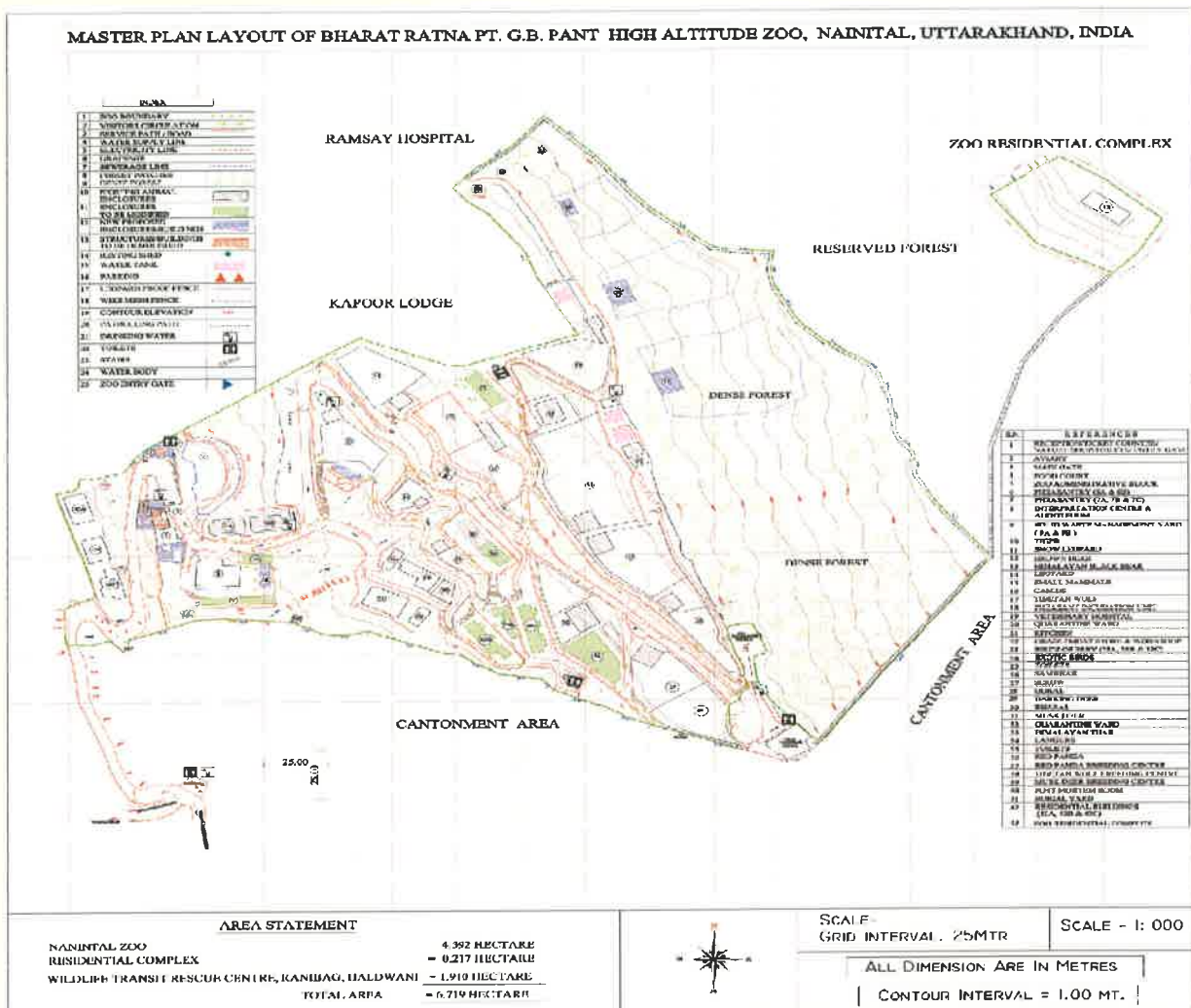
4.6.2 Master (layout) Plan

The Central Zoo Authority has also approved 29 Master (layout) plan of the following zoos till 31st March 2014.

S.No.	Name of the Zoo
1	Malsi Deer Park, Dehradun, Uttarakhand
2	Pt. G. B. Pant High Altitude Zoo, Nainital, Uttarakhand
3	Himalayan Zoological Park, Gangtok, Sikkim
4	Manipur Zoological Garden, Manipur
5	Aizawl Zoological Park, Aizawl, Mizoram
6	Kunjanagar Rescue Centre, Kunjanagar, West Bengal
7	Aurangabad Municipal Zoo, Aurangabad, Maharashtra.
8	Kumari Kangsabati Deer Park, Bankura, West Bengal
9	Garchumuk Deer Park, Distt. Howrah, West Bengal.
10	Rohtak Zoo, Rohtak, Haryana
11	Pipli Zoo, Pipli
12	Surulia Mini Zoo, Purulia, West Bengal
13	Jhargram Mini Zoo, Jhargram, West Bengal
14	Van Prani Udyan, Indian Veterinary Research Institute, Bareilly, Uttar Pradesh
15	Mini Zoo, Bhiwani, Haryana
16	Rasikbeel Rescue Centre, Rasikbeel, Coochbehar, West Bengal
17	Kamla Nehru Prani Sangrahalaya, Indore, Madhya Pradesh
18	Assam State Zoo, Guwahati, Assam
19	Mini Zoo, Roing, Arunachal Pradesh
20	Sayaji Baug Zoo, Vadodara, Gujarat (Relocation of Zoological Park at Ajwa)
21	Jaipur Zoo, Jaipur, Satellite Zoo of Nahargarh Biological Park, Nahargarh, Rajasthan



S.No.	Name of the Zoo
22	Mini Zoo, Pipli, Haryana
23	Rohtak Zoo, Rohtak, Haryana
24	Parassinikkadavu Snake Park, Kannur, Kerala
25	Nehru Zoological Park, Hyderabad, Andhra Pradesh
26	Agra Bear Rescue Facility, Keetham, Agra, Uttar Pradesh
27	Master Plan of Kaprikkad Mini Zoo and Rescue Centre (Relocation of Kodanad Wild Animal Rescue Centre)
28	Maitri Bagh Zoo, Bhilai, Chattisgarh
29	Bhagwan Birsa Biological Park, Ranchi





4.6.3 Master Plans Under Consideration

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

S.No.	Name of the Zoo
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



S.No.	Name of the Zoo
23.	Assam State Zoo cum Botanical Garden, Guwahati, Assam
24.	Bijni Deer Park, Bongaigaon, Assam
25.	Centre for Wildlife Rehabilitation and Conservation, Golaghat, Assam
26.	Sanjay Gandhi Biological Park, Patna, Bihar
27.	Kanan Pandari Zoo, Bilaspur, Chhattisgarh
28.	Maitri Baagh Zoo, Bhilai, Chhattisgarh
29.	Nandan Van Zoo, Raipur, Chhattisgarh
30.	Lion Safari - Vasona
31.	A. N. Jha Deer Park, Hauz Khaz, Delhi
32.	National Zoological Park, Delhi
33.	Bondla Zoo, Usgao, Goa
34.	Indroda Nature Park, Gandhi Nagar, Gujarat
35.	Kamla Nehru Zoological Garden, Ahmedabad, Gujarat
36.	Sakkarbaug Zoo, Junagarh, Gujarat
37.	Sayaji Bag Zoo (Ajwa Zoological Park), Vadodara, Gujarat
38.	Sundarvan Nature Discovery Centre, Jodhpur Tekra (Ahmedabad), Gujarat
39.	Dr. Shyamaprasad Mukharjee Zoological Garden, Surat, Gujarat
40.	Rajkot Zoo, Rajkot, Gujarat
41.	Deer Park, Hissar, Haryana
42.	Mini Zoo, Bhiwani, Haryana
43.	Mini Zoo, Pipli, Haryana
44.	Rohtak Zoo, Rohtak, Haryana
45.	Wildlife Rescue Centre (Gopalpur), Gurgaon, Haryana
46.	Vulture Conservation Breeding Center, Pinjore, Haryana
47.	Dhauladhar Nature Park, Gopalpur, Himachal Pradesh
48.	Rescue and Rehabilitation Home, Tutikandi, Himachal Pradesh



S.No.	Name of the Zoo
49.	Himalayan Nature Park, Kufri, Himachal Pradesh
50.	Rewalsar Mini Zoo, Mandi, Himachal Pradesh
51.	Nehru Pheasantary, Mandi, Himachal Pradesh
52.	Bhagwan Birsa Biological Park (Birsa Munda), Ranchi, Jharkhand
53.	Birsa Mrig Vihar, Kalimati, Jharkhand
54.	Jawaharlal Nehru Biological Park, Bokaro, Jharkhand
55.	Tata Steel Zoological Park, Jamshedpur, Jharkhand
56.	Mugger Breeding Centre (Muta Zoo), Jharkhand
57.	Deer Park, NMDC Ltd., Donimalai, Karnataka
58.	Mini Zoo Adumalleshwar Gudi Balvana, Chitradurga, Karnataka
59.	Mini Zoo at Gendekatte, Hassan, Karnataka
60.	Mini Zoo cum Children Park, Gulbarga, Karnataka
61.	Namadachilume Deer Park, Tumkur, Karnataka
62.	National Park, Bannerghatta Zoological Garden, Bangalore, Karnataka
63.	Night Safari, Bannerghatta Biological Park, Bengaluru, Karnataka
64.	Sri Chamarajendra Zoological Gardens, Mysore, Karnataka
65.	Tungabhadra Dam Mini Zoo, Bellary, Karnataka
66.	Wildlife Rescue & Rehabilitation Centre, Bangalore, Karnataka
67.	Dr. K. Shivarma Karanth Pilikula Biological Park, Mangalore, Karnataka
68.	Tiger & Lion Safari, Shimoga, Karnataka
69.	Children Park & Zoo (Gadag Zoo), Karnataka
70.	Bellary Childrens Park-cum-zoo (Bellary Zoo), Karnataka
71.	Kittur Rani Cannamma Nisarg Dhama Mini Zoo, Belgaum, Karnataka
72.	Indira Priyadarshini Sangrahalaya, Anagodu, Davangere Taluk, Karnataka
73.	People For Animals - Rescue Centre, Bangalore, Karnataka
74.	Hill Palace Zoo, Ernakulam, Kerala



S.No.	Name of the Zoo
75.	Snake Park, Malampuzha, Kerala
76.	State Museum & Zoo, Thrissur (Puthur Zoo), Kerala
77.	Thiruvananthapuram Zoo, Kerala
78.	Kodanadu Zoo, Kerala
79.	Sri Lok Nayak Jaya Prakash Narayan Smrity Van Deer Park, Walayar , Kerala
80.	Parassinikkadavu Reptile Parl, Kanur, Kerala
81.	Gandhi Zoological Park, Gwalior, Madhya Pradesh
82.	Kamla Nehru Prani Sanghralaya Zoo, Indore , Madhya Pradesh
83.	Van Vihar National Park Zoo, Bhopal, Madhya Pradesh
84.	Aurangabad Municipal Zoo, Maharashtra
85.	Leopard Rescue Centre, Manikdoh (Junnar), Maharashtra
86.	Maharaja Shahaji Chhatrapati Zoo, Kolhapur, Maharashtra
87.	Maharajbag Zoo, Nagpur, Maharashtra
88.	People for Animals, Shelter House, Wardha, Maharashtra
89.	Snake Park, Shikshan Mandal, Kolhapur, Maharashtra
90.	Veer mata Jijabai Bhosale Udyan & Zoo, Mumbai, Maharashtra
91.	Rajiv Gandhi Zoological Park & Wildlife Research Center, Pune, Maharashtra
92.	Nisargakavi Bahinabai Choudhary Pranisanghalaya (pimpri Chinchwad), Maharashtra
93.	Mahatma Gandhi Rashtriya Udyan Zoo, Solapur, Maharashtra
94.	Amtes Animal Ark, Wardha, Maharashtra
95.	Sanjay Gandhi National Park & Zoo, Borivali, Maharashtra
96.	Manipur Zoological Garden, Imphal, Manipur
97.	Lady Hydari Park Animal Land (Meghalaya Zoo), Umtrew , Shillong, Meghalaya
98.	Tenzawl Deer Park, Mizoram
99.	Aizawl Zoo (Mizoram Zoo), Maharashtra
100.	Nagaland Zoological Park, Rangapahar, Dimapur, Nagaland



S.No.	Name of the Zoo
101.	Deer Park, Berhampur Unit (Bhanja Bihar Deer Park), Odisha
102.	Deer Park Papadahandi, Nabarangpur, Odisha
103.	Gharial Research & Conservation Unit, TIKARAPARA, Odisha
104.	H.A.L. Deer Park, Koraput, Sunabeda, Odisha
105.	Harishankar Deer Park, Balangir, Odisha
106.	Kapilash Zoo, Dhenkanal, Odisha
107.	Municipality Deer Park (Cuttack)
108.	Nandankanan Biological Park, Bhubaneshwar, Odisha
109.	Taptapani Deer Park, Parlakhemundi, Odisha
110.	Indira Gandhi Park Zoo, Rourkela, Odisha
111.	Wild Animal Conservation Center, Mothijharan, Sambalpur, Odisha
112.	Kuanria Deer Park, Nayagarh Forest Division, Odisha
113.	Deer Park, Bir Talab, Bhatinda, Punjab
114.	Deer Park, Neelon, Ludhiana, Punjab
115.	Ludhiana Zoo, Ludhiana, Punjab
116.	Mahendra Chaudhury Zoological Park, Chhatbir, Punjab
117.	Deer Park, Bir Moti Bagh, Patiala Zoo, Punjab
118.	Bikaner Zoo, Bikaner, Rajasthan
119.	Deer Park, Shri Goverdhan Trust, Udaipur, Rajasthan
120.	Jaipur Zoo (A)+Nahargarh Zoological Park (B), Rajasthan
121.	Jodhpur Zoo (Machia Biological Park), Rajasthan
122.	Kota Zoo, Rajasthan
123.	Panchwati Deer Park, Pilani, Rajasthan
124.	Safari Park, Haridasji-ki-Magari Udaipur, Rajasthan
125.	Sajjangarh Biological Park, Udaipur Zoo, Rajasthan
126.	Himalayan Zoological Park, Bulbuley, Gangtok, Sikkim



S.No.	Name of the Zoo
127.	Amirthi Zoo, Vellore, Tamil Nadu
128.	Arignar Anna Zoological Park, Vandalur, Chennai, Tamil Nadu
129.	Chennai Snake Park Trust, Guindy, Chennai, Tamil Nadu
130.	Childrens Corner, Guindy, Chennai, Tamil Nadu
131.	Kurumbapatti Zoological Park, Salem, Tamil Nadu
132.	Madras Crocodile Bank Trust/Centre For Herpetology, Mahabalipuram, Tamil Nadu
133.	Shivganga Garden Mini Zoo, Thanjavur, Tamil Nadu
134.	Nilgiri Mini Zoo and Breeding Centre, Tiruchirapalli, Tamil Nadu
135.	Sepahijala Zooloigcal Park, Agartala , Tripura
136.	Kanpur Zoological Park, Kanpur, Uttar Pradesh
137.	Lucknow Zoological Park, Uttar Pradesh
138.	Nawabganj Deer Park, Uttar Pradesh
139.	Sarnath Deer Park, Uttar Pradesh
140.	Van Prani Udyan, IVRI, Izatnagar, Bareilly, Uttar Pradesh
141.	Vinod Van Mini Zoo, Ramgarh Gorakhpur Zoological Park, Gorakhpur, Uttar Pradesh
142.	Deer Park, IFFCO Township, Anda, Bareilly, Uttar Pradesh
143.	Agra Bear Rescue Facility, Agra, Uttar Pradesh
144.	Pt. Govind Ballabh Pant High altitude Zoo, Nainital, Uttarakhand
145.	Malsi Deer Park (Dehradun Biological Park), Dehradun, Uttarakhand
146.	Deer Park, Narain Tewari Dewal (Almora Zoo) , Uttarakhand
147.	Adina Deer Park, Malda, West Bengal
148.	Alipore Zoological Garden, Kolkata , West Bengal
149.	Calcutta Snake Park, Badu, Kolkata , West Bengal
150.	Gar Chumuk (Ulughata) Deer Park, Howraha, West Bengal
151.	Kumari Kangsabuti Deer Park, Bonpakuria, Bankura, West Bengal
152.	Nature Park at Taratala Road, Kolkata , West Bengal



S.No.	Name of the Zoo
153.	Padmaja Naidu Himalayan Zoological Park, Darjeeling, West Bengal
154.	Pugmarks-PFA Sanitinetan Rescue Centre, Kolkata, West Bengal
155.	West Bengal Snake Park & Laboratory, Badu, Kolkata, West Bengal
156.	Kunjanagar Eco-Park, Jalpaiguri, West Bengal
157.	South Khairbari Leopard Safari and Rehabilitation Centre, Madarihat
158.	Jhargram Zoo, West Bengal
159.	Ramnabagan Mini Zoo, Burdwan, West Bengal
160.	Purulia Mini Zoo, Surulia, Purulia, West Bengal
161.	Rasikbeel Mini Zoo, Cochbihar, West Bengal
162.	Manyavar Kanshiram Prani Udyan, Gorakhpur, Uttar Pradesh
163.	Tiruchirappalli Zoo, Tamil Nadu
164.	Satna Zoo, Madhya Pradesh
165.	Rescue Centre at Gorewada, Gorewada



Himalayan black bear (*Ursus thibetanus*) enclosure at National Zoological Park, Delhi

Photo Credit: Dr. Brij Kishor Gupta



4.7 Appraisal Committee reports on "Elephants Upkeep in Zoos"

The follow up of 1st Stakeholders Meeting (18.03.2013) on "Elephants Upkeep in Zoos" was held on 25th October, 2013 under the chairmanship of Shri B. S. Bonal, Member Secretary, Central Zoo Authority in the Education Hall of the National Zoological Park, New Delhi.

The Member Secretary, Central Zoo Authority delivered a presentation on the status of housing of elephants in zoos and the progress on the transfer of elephants from Zoos to Forest Camps/ Rescue Centres located in Reserve Forest/ National Parks and Wildlife Sanctuaries followed by presentation by concerned zoo Directors on the compliance status with respect to the conditions stipulated during the meeting of the Stakeholders on Elephant Upkeep in Zoos held under the Chairmanship of the Addl. DGF (WL) at Paryavaran Bhawan, CGO Complex, Lodi Road, New Delhi on 18th March, 2013. The recommendations by the Committee Members during each zoo presentation are given below:-

S. No.	Name of the Zoo	Existing Number of Elephant		Recommendation
		Male	Female	
1.	Arignar Anna Zoological Park, Vandalur, Chennai Tamil Nadu	04 (5y) (4y) (3y) (1.5y)		<p>Presentation was delivered by Dr. B. C. Archana Kalyani, Deputy Director and submitted consent to comply with recommendation of CZA as decided in the Stakeholders Meeting and allowed to house the elephant as complied with following improvements:-</p> <p>(i) Dense plantation along the visitors' side, so as to have screening, should be carried out.</p> <p>(ii) The smaller vertical and horizontal logs provided as a environment enrichment should be added by the large logs.</p> <p>(iii) Members desired that the zoo should retain existing area and the number of elephants should not exceed 6 numbers of elephants.</p> <p>(iv) The shower spring water should be so arrange that they are always away from elephant.</p> <p>(v) It was decided that the in case the zoo receives additional rescued elephant may</p>



S. No.	Name of the Zoo	Existing Number of Elephant		Recommendation
		Male	Female	
				<p>develop a transit facility near the existing rescue centre where circus animals are housed.</p> <p>(vi) Detailed designs for whole area including animals house with night cells, enclosures and practices of environmental enrichment should be submitted for approval from CZA.</p>
2.	Assam State Zoo, Guwahati, Assam	03		<p>Sh. Suresh Chand, Chief Wildlife Warden, Government of Assam placed the view to comply with recommendation of CZA, as decided in the Stakeholders Meeting,, however requested to provide more space for frequently received elephants to keep as rescue centre and assed of expeditious action for Deepa. The Director, Sh. C. Bora presented and the zoo is allowed to house the elephant with following improvements:-</p> <p>(i) The euthanasia of female elephant (Deepa) should be expedited.</p> <p>(ii) There should be proper facility for housing of 4 adults and separate transit facility for housing calves & received elephants.</p> <p>(iii) The zoo should follow the uniform structure design for new elephant house and enclosure.</p> <p>(iv) Detailed designs for whole area including animals house with night cells, enclosures and practices of environmental enrichment should be submitted for approval from CZA.</p>
3.	Bhagwan Birsa Biological Park, Ranchi, Jharkhand	02 (14y) (9y)	01 (15y)	<p>Dr. Ajay Kumar, Zoo Veterinarian, delivered presentation with compliance of recommendations of CZA as decided in Stakeholders Meeting and is allowed to house the elephant with following improvements:-</p> <p>(i) The animal house should have proper ventilation.</p>



S. No.	Name of the Zoo	Existing Number of Elephant		Recommendation
		Male	Female	
				(ii) The area should be increased to 10 hectares. (iii) Detailed designs for whole area including animals house with night cells, enclosures and practices of environmental enrichment should be submitted for approval from CZA.
4.	Nandankanan Biological Park, Bhubaneswar, Odisha	02 (3.7) (2.8)	05 (58y) (48y) (15y) (4y) (2mths)	Dr. S. Panda, Director, Nandankanan Zoological Park, Bhubaneswar delivered presentation with compliance of recommendations of CZA as suggested during Stakeholders Meeting and allowed to house the elephant with following improvements:- (i) The zoo allow to keep maximum 6 elephants on area of 14 acres with the provision to extend in future. (ii) Detailed designs for whole area including animals house with night cells, enclosures and practices of environmental enrichment should be submitted for approval from CZA.
5.	Dr. Shivaram Karanth Pilikula Biological Park, Mangalore, Karnataka	0	0	As all the elephants have been transferred. No discussion was required.
6.	Kamla Nehru Prani Sangrahalaya, Indore, Madhya Pradesh	01 (43)	01 (48yrs)	Presentation was made by Dr. Uttam Yadav, Director, Kamla Nehru Prani Sangrahalaya, Indore. As the matter with regard to shifting of elephants is sub-judice, and Hon'ble Court decision is awaited, no decision was taken. However, the members desired that the no construction with respect to housing of elephants should be taken up at the zoo till the directive from the Hon'ble Court is received.
7.	Sanjay Gandhi Biological Park, Patna, Bihar	00	01 (39yrs)	Sh. S. Chandrasekar, Director, Sanjay Gandhi Biological Park, Patna delivered presentation and conveyed the request of Chief Wildlife



S. No.	Name of the Zoo	Existing Number of Elephant		Recommendation
		Male	Female	
				Warden, Bihar to allow retaining the elephant in zoo, considering the past history of the elephant sent to the Valimiki Tiger Reserve, which are suffering from arthritis. Members decided not to retain. It was decided by the members that the decision taken during previous meeting for transferring the elephants to Bhagwan Birsa Biological Park, Ranchi should be complied and compliance report should be submitted to the Central Zoo Authority.
8.	Bannerghatta Biological Park, Bengaluru, Karnataka	02	09 (12mths to 72 yr)	Sh. Range Gowda, Executive Director, Bannerghatta Biological Park, Bangalore did presentation complying recommendation of CZA as decided in Stakeholders Meeting and allowed to house the elephant with following improvements:- (i) No elephant safari is permitted since the elephants are very powerful and smash any safari vehicle at any point of time. (ii) The animal houses should be constructed with provision of the night shelter and feeding for each elephants. (iii) Detailed designs for whole area including animals house with night cells, enclosures and practices of environmental enrichment should be submitted for approval from CZA.
9.	Sri Chamarajendra Zoological Gardens, Mysore, Karnataka	03 (15y) (6 y) (3 y)	05 (56 y) (31 y) (7 y) (7 y) (7 y)	Sh. B. P. Ravi, Executive Director did presentation with compliance of recommendation of CZA as decided in the Stakeholders Meeting with some changed in site and allowed to house the elephant with following improvements:- (i) The facility should be created at Kurughalli rescue and conservation centre. (ii) As per the Appraisal Committee Members, the elephants are overweight, therefore, food (constraints) should be cut off and grass and forage should be included and more exercise should be given.



S. No.	Name of the Zoo	Existing Number of Elephant		Recommendation
		Male	Female	
				<p>(iii) The food should be kept in different area of the enclosure in order to keep the elephants active and maximize the utilization of the animal enclosure.</p> <p>(iv) Before shifting the elephants to a new area, it should be assured that the area is virus free.</p>
10.	National Zoological Park, New Delhi	02 (32) (14) Africa	01 (32 Y)	<p>Sh. Amitabh Agnihotri, Director did presentation with compliance of recommendation of CZA as decided in the Stakeholders Meeting with some changes in site and allowed to house the elephant with following improvements:-</p> <p>(i) Extend the area to 2.2. acres for housing of elephants.</p> <p>(ii) Opening of animal houses should be closed by wall with proper ventilation large logs from the visitors side.</p> <p>(iii) The Indian elephant and African elephants should be kept separately.</p> <p>(iv) The enclosure design including environmental enrichment should be submitted to the CZA for its approval.</p> <p>The members also desired that the African elephants should be shifted to empty enclosure meant for African elephant and to increase the area to 2 acres.</p>
11.	Rajiv Gandhi Zoological Park and Wildlife Research Centre, Pune, Maharashtra	00	02 (13.5 y) (13.8 y)	<p>Sh. Suresh M. Jagtap, Director did presentation with compliance of recommendation of CZA as decided in the Stakeholders Meeting with some changes in site and allowed to house the elephant with following improvements:-</p> <p>(i) The floor of the night houses/ shelter should be made kuccha immediately.</p> <p>(ii) The existing vegetation should be protected making appropriate devices.</p> <p>(ii) Large wooden logs should be added as the environment enrichment of the enclosure.</p>



S. No.	Name of the Zoo	Existing Number of Elephant		Recommendation
		Male	Female	
				<p>(iv) Appropriate screening by vegetation should be provided towards visitors viewing area.</p> <p>(v) The zoo should explore possibility to use the smaller part of the adjoining lake with appropriate depth of water for elephants.</p> <p>(vi) The elephants housed at zoo are overweight, more exercise/ walk (5-10 km) should be undertaken daily.</p> <p>(vii) The elephant may be used to bring their own fodder daily.</p>
12.	Thiruvananthapuram Zoo, Thiruvananthapuram, Kerala	01 (32)	01 (79 y)	Sh. B. Joseph, Director did presentation with compliance of recommendation of CZA as decided in the Stakeholders Meeting & assured shifting of male elephant to the Kappukad Elephant Centre within one month period.
13.	Veermata Jijabai Bhosale Udyan-Zoo, Byculla, Mumbai, Maharashtra	00	02 (46 y) (54 y)	The presentation was delivered by Sh. K. A. Mishrikotkar, DFO. It was decided that the Chief Wildlife Warden, Govt. of Maharashtra should initiate necessary action for shifting of the elephants of V. J. B. Udyan Zoo, Byculla to Kappukad Elephant Centre in Kerala in consultation with the Chief Wildlife Warden, Govt. of Kerala or may explore to take up matter with Chief Wildlife Warden, Haryana to shift to Elephant camp at Bansantour.
14.	M.C. Zoological Park, Chhatbir, Punjab	02 (65) (7)	04 (60 y) (31 y) (48 y) (32 y)	The presentation was delivered by Dr. Manish Kumar, Field Director. With compliance of recommendation of CZA as decided in Stakeholders meeting and also to retain with following improvements: (i) The proposed area for housing of elephants should be re-designed at herbivore safari area. be utilized. (ii) For the movement of elephant the minimum 8 hectare area should be earmarked near Ghaggar River.



S. No.	Name of the Zoo	Existing Number of Elephant		Recommendation
		Male	Female	
				(iii) Detailed designs for whole area including animals house with night cells, enclosures and practices of environmental enrichment should be submitted for approval from CZA.
15.	Nehru Zoological Park, Hyderabad, Andhra Pradesh	01 (31)	04 (40 y) (74 y) (42 y) (39 y)	<p>Presentation was delivered by Mr. Malikarjuna Rao, Director, Zoos, Andhra Pradesh and the zoo is allowed to house the elephant with following improvements:-</p> <p>(i) The night houses should have kaccha floor. The present hard surface should be removed and fill up with the soil.</p> <p>(ii) Dead wooden logs should be added as environment enrichment.</p> <p>(iii) Detailed designs for whole area including animals house with night cells, enclosures and practices of environmental enrichment should be submitted for approval from CZA.</p>
16.	Zoological Gardens, Alipore, West Bengal	00	3 (23 Y) (15 Y) (16 Y)	<p>Presentation was delivered by Sh. T. V. N. Rao, Member Secretary, West Bengal Zoo Authority.</p> <p>The Chief Wildlife Warden, Government of West Bengal has submitted a proposal requesting to allow to retain the elephants at Zoological Garden, Alipore. The members desired that the necessary decision shall be taken once the proposal is scrutinized by members deputed from CZA.</p> <p>CZA to depute members within November, 2013.</p>
17.	Kapilash Mini Zoo, Denkanal, Odisha	2 (2.5) (4.2)	1 (0.8 Y)	<p>Presentation was delivered by Dr. S. Panda, Director, Nandankanan Zoo and allowed to house the elephant with following improvement:-</p> <p>(i) Provided more improved enrichment, furniture and facilitate more exercise for elephants etc.</p> <p>(ii) The facility to function as a Rescue centre as an off-exhibit facility should continue.</p>



S. No.	Name of the Zoo	Existing Number of Elephant		Recommendation
		Male	Female	
18.	Indira Gandhi Zoological Park, Vishakhapatnam Andhra Pradesh	1 (29y)	0	Presentation was delivered by Mr. Malikarjuna Rao, Director, Zoos, Andhra Pradesh and allowed to house the elephant with following improvements:- (i) The area earmarked for the herbivore safari should be used for housing elephants. (ii) The enclosure should be enriched suitably. (iii) 2 female elephants for Aurangabad Zoo should be received at the earliest.
19.	Sri Venkateswara Zoological Park, Tirupati, Andhra Pradesh	02 (35) (36)	02 (60 y) (11 y)	Presentation was delivered by Mr. Malikarjuna Rao, Director, Zoos, Andhra Pradesh and is allowed to house the elephant with following improvements - (i) The animal house to be shifted to the back side of the zoo, away from the public area. (ii) Detailed designs for whole area including animals house with night cells, enclosures and practices of environmental enrichment should be submitted for approval from CZA. (iii) The proposal should contain details of the environment enrichment to be incorporated.
20.	Aurangabad Municipal Zoo, Aurangabad, Maharashtra	0	2 (48 Y) (13 Y)	Presentation was delivered by Dr. B. S. Naikwade, Director. The committee members did not agree to allow the zoo to house the elephants as the zoo has very small area, therefore under the present circumstances, and as recommended in the last Stakeholders Meeting dated 18.03.2013, the zoo should comply with the directives of the Central Zoo Authority and shift the elephants to Indira Gandhi Zoological Park, Visakhapatnam.
21.	Kamla Nehru Zoological Gardens, Ahmedabad, Gujarat	0	1 (24 Y)	Presentation was delivered by Dr. R. K. Sahu. The committee members considered the request of Zoo and decided to allow housing of elephants subject to decision of Hon'ble Court relating to Indore Zoo at the zoo with



S. No.	Name of the Zoo	Existing Number of Elephant		Recommendation
		Male	Female	
				<p>following conditions and approval of Chairperson, CZA:-</p> <p>(i) The zoo should acquire suitable mate for the elephant.</p> <p>(ii) The existing area should not be used for housing of elephants instead the large new area of 7 acres should be developed for housing.</p> <p>(iii) The design along with the all details should be submitted including natural barrier, housing, water body etc. for the approval of the Central Zoo Authority.</p> <p>(iv) Till the new area is developed and available for housing of elephants, the existing enclosures should also be improved upon.</p> <p>(v) The elephant from Kamla Nehru Prani Sangrahalaya, Indore may be considered as per the direction of the Hon'ble Court case.</p>

Other observations:-

1. Allow the elephant with minimal interference of human being including Mahout/ keepers.
2. Elephants with human in print should not be released back to the wild, such animals may be sent to elephant camps at National Parks and Wildlife Sanctuaries.
3. Regular training courses for Zoo Mahout should be taken by Central Zoo Authority every year.
4. Elephant riding by Mahout is not required all the time. Elephant should be allowed to walk on its own.
5. Chain (in case used) of the elephant should be covered by the fire hoses.
6. When the zoo is opened to the visitors, the Mahout should not be moving with the elephant.



7. The cleaning of enclosure should be completed before opening the zoo to the visitors.
8. Cambering of platform should be easy to getting up/ sleeping of elephants.
9. The food should be kept in different area of the enclosure in order to keep the elephants active and maximize the utilization of the animal enclosure.
10. The ground provided for housing elephants should be kuccha made of mud.
11. No chaining at the first instance, if required the elephants should be kept tied only in one leg with chain/ rope covered by leather tubes, the legs for tying may be changed alternately.
12. Only when any elephant excited, irritated or creating any problem or in musth, the elephants (male/ female) should be more securely tied (may be tied on more than one leg) or other restraining measures can be taken.
13. Daily walk/ exercise for atleast two hours in the early morning hours should be given to all the elephants.
14. Tree fodder like peepal (*Ficus religiosa*), jamun (*Schizigium cumini*) and neem (*Azardiractha indica*) should be provided along with the branches.
15. Treatment records should be kept as per the proforma provided by the Central Zoo Authority.
16. Faecal samples of the animals should be examined periodically in the laboratory.
17. Screening against infectious and contagious diseases should be made regularly.
18. Birth, death and acquisition report should be submitted to the Central Zoo Authority at the end of each financial year.
19. The zoo must procure a set of tranquilizing equipment with essential drugs for meeting the emergencies particularly when they have a young bull elephant which is coming to musth.
20. The elephants housed in the Zoos should have a microchip implanted, the details should be submitted to the Central Zoo Authority.
21. Enrichment of Elephant Housing (Habitat-Forested/Vegetation, Social, Dietary, Water pools/lakes, logs, rock, timber, dry tree, sand and basking)



5.0 Human Resource Development

The Central Zoo Authority has signed a Memorandum of Understanding (MoU) with National Trust for Nature Conservation (NTNC), Nepal to promote and coordinate mutual staff exchanges for training in technical and management aspects of Zoo-related and Conservation and Research matters dated 27.05.2013. The Central Zoo Authority has signed a Memorandum of Understanding (MoU) with Wildlife Institute of India, Dehradun and University of California, Davis, USA dated 15.05.2013 and is in a process of signing a Memorandum of Understanding (MoU) between the Central Zoo Authority and Smithsonian National Zoological Park, Washington USA on "Exotic and Wild Animal Veterinary Medicine Joint Research Program" has been initiated.

5.1 Training/ Workshops/ Seminars:

5.1.1 The Central Zoo Authority in collaboration with Jaipur Zoo, Jaipur organized a workshop for Zoo Biologist working in various Indian Zoos with a theme "Zoo as a tool for scientific management of animals with special focus on research and publication" during 25th-28th June, 2013 at Jaipur. Altogether 23 biologists across country participated in the workshop.



Biologist workshop with theme "Zoo as a tool for scientific management of animals with special focus on Research and Publication"



5.1.2 The Central Zoo Authority in collaboration with Nehru Zoological Park and LaCONES (CCMB), Hyderabad and Nandankanan Biological Park, Bhubaneswar, organized workshop on "Conservation Breeding and Species Recovery Planning of Endangered Species by Zoological Parks" at Hyderabad during 8th-12th July, 2013 and 16th-19th September, 2013 respectively. The participants of the workshop were the Chief Wildlife Wardens of the concerned states; the Directors of Zoos identified as coordinating zoos for the identified species and scientists with expertise on the ecology and natural history of the species, population management and molecular biology and conservation genetics. Altogether more than 70 participants including Chief Wildlife Wardens, Zoo Directors and Species experts participated in workshop.



Hyderabad Workshop



Bhubaneswar Workshop

5.1.3 The Central Zoo Authority in collaboration with Conservation Breeding Specialist Group and Padmaja Naidu Himalayan Zoological Park, Darjeeling organized a Workshop on Red Panda Population Habitat Viability Analysis (PHVA) at Siliguri, West Bengal during 26th - 29th November, 2013.

5.1.4 The Central Zoo Authority in collaboration with Durrell Wildlife Conservation Trust, UK and Assam State Zoo, Guwahati organized a workshop titled "Building National Capacity for Ex-situ Amphibians Management and Conservation" at Guwahati, Assam during 10th -13th December, 2013.

5.1.5 The Central Zoo Authority in collaboration with Sri Chamajendra Zoological Gardens, Mysore organized a workshop titled "Zoos window to biodiversity" at Mysore, Karnataka during 16th -20th December, 2013. More than 35 Participants participated in the workshop.



"Building National Capacity for Ex-situ Amphibians Management and Conservation" at Guwahati, Assam



Directors Workshop with theme "Zoos window to biodiversity" at Mysore, Karnataka

- 5.1.6 The Central Zoo Authority provided financial assistance to zoos to organize 2 week training programme at Assam State Zoological Park, Guwahati, Assam; Kamla Nehru Zoological Park, Ahmadabad, Gujarat; Sri Chamarajendra Zoological Park, Mysore, Karnataka; M. C. Zoological Park, Chhattbir, Punjab; Pt. Govind Ballabh Pant High Altitude Zoo, Nainital, Uttaranchal and Nandankanan Biological Park, Bhubaneshwar, Odisha for the zoo keepers working in various zoos in India on regional basis. The theme of the workshop is "Management of wild animals in captivity with special reference to improved animal health and their upkeep". More than 100 zoo keepers will be benefitted from this training programme.
- 5.1.7 A Co-ordination meeting on Vulture Conservation Breeding Programme of CZA was organized at NASC Complex of ICAR, New Delhi in collaboration Vulture Conservation Breeding Centre, Pinjore on 28th January 2014. More than 20 participants attended the meeting.
- 5.1.8 The Central Zoo Authority sponsored Sh. B. P. S. Parihar, Director, Van Vihar National Park & Zoo, Bhopal and Dr. Arvind Mathur, Veterinary Officer, Jaipur Zoo, Jaipur for attending the Endangered Species Recovery Course organized by the Durrell Wildlife Conservation Trust, Jersey, UK during 8th-19th July, 2013. The Director, Van Vihar National Park & Zoo, Bhopal could not attend the programme.
- 5.1.9 Shri B.S. Bonal, Member Secretary, Central Zoo Authority attended 68th meeting of the World Association of Zoo & Aquariums (WAZA) & Conservation Breeding & Specialist Group (CBSG) held at Orlando, Florida, USA during 10th - 17th October, 2013.



6.0 Research & Education

The Central Zoo Authority has awarded small grant research project to the following zoos during the financial year 2013-14.

- The Central Zoo Authority has awarded research project titled "Red panda Nutrition: Towards an integrated approach" and "Studies on biology, breeding behaviour and aviary practices for improved performances of captive Himalayan pheasants" to Padmaja Naidu Himalayan Zoological Park, Darjeeling with a financial assistance of Rs. 10.19 lakhs and Rs. 9.43 lakhs for duration of two years each, respectively.
- The Central Zoo Authority had provided financial assistance of Rs. 28.88 lakhs to Conservation Breeding Centre of Blyth's tragopan at Kohima, Nagaland for conducting research studies and construction and maintenance of the Centre.
- The Indian Veterinary Research Institute (IVRI), Bareilly has completed the CZA funded research project titled "Standardization of Animal Diets in Indian Zoos". The outcome of the project in the form of a book was distributed among all recognized zoos of the country for record and use in animal management so far as diet is concerned. The book will be the basic guideline/manual for feeding animals in Zoo.
- The proceedings of the workshop titled "Zoo Designing and Landscape Architecture" has also been published and distributed to the concern zoos for their use.



Research Activity



Education Activity



7.0 Publications

During the current financial year the Central Zoo Authority has published the following publications:

1. Calendar for the year 2014 focusing on the theme "Conservation Breeding of Identified Endangered Species in Indian Zoos" which has been widely appreciated.
2. The publication of revised edition of the book titled "Zoos in India-2014" incorporating legislation policy, Guidelines and Strategies is in the final stage of printing.
3. The Central Zoo Authority is regularly publishing and distributing its quarterly newsletter "Ex-situ Updates" among zoos. During the current financial year the Central Zoo Authority had published and distributed 5 issues of scheduled Vol. 2.

4. The Annual "Inventory of animals in Indian Zoos 2012-13" is being printed.
5. The Central Zoo Authority has updated its brochure which is in the final stage of the printing and soon will be distributed among the concern zoos and during Annual meeting of Conservation Breeding Specialist Group (CBSG) and Annual Conference of World Association of Zoos and Aquarium (WAZA) - 2014 scheduled to be held at New Delhi on 30th October-2nd November 2014 and during 2nd - 6th November, 2014 respectively.



8.0. Financial assistance to Zoos

The Central Zoo Authority received Rupees twenty five crores and fifty lakhs (including for the development of zoos in North Eastern India) during the financial year 2013-14 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 2013-14, the Central Zoo Authority has released Rs. 184,136,284 for improvement of zoos including the maintenance of the rescue centre, conservation breeding, research & trainings as per the details given below:

(Amount in ₹)

Sl. No.	States	Name of the zoos/ institutions	Purpose	Grant released (Amount in Rs.)
1	Andhra Pradesh	Centre for Cellular & Molecular Biology (CCMB), LaCONES Hyderabad	Biotechnological interventions for conservation of endangered species of wild animals	1,149,900
2	Andhra Pradesh	CCMB, Hyderabad	Research project on conservation breeding of endangered animals	5,248,000
3	Andhra Pradesh	Nehru Zoological Park, Hyderabad	Vulture Conservation Programme	720,000
4	Andhra Pradesh	Nehru Zoological Park, Hyderabad	Mouse deer conservation Breeding	558,000
5	Andhra Pradesh	LaCONES, CCMB, Hyderabad	One week training programme on conservation breeding	341,000
6	Andhra Pradesh	S. V. Zoological Park	Feed and upkeep of hoolock gibbon conservation breeding	1,286,000
7	Arunachal Pradesh	Biological Park, Itanagar	Development Work	1,290,000
8	Arunachal Pradesh	Biological Park, Itanagar	Revamping of Aviary	1,600,000
9	Arunachal Pradesh	Biological Park, Itanagar	Equipment for vet. Hospital	1,079,000
10	Assam	Veterinary College, Guwahati	National Workshop on restraint of zoo animals & their transport	1,400,000
11	Assam	Assam State Zoo, Guwahati	Zoo Keepers training programme	450,000
12	Assam	Assam State Zoo, Guwahati	Development Work	200,000
13	Assam	Assam State Zoo, Guwahati	Zoo Keepers training programme	450,000



(Amount in ₹)

Sl. No.	States	Name of the zoos/ institutions	Purpose	Grant released (Amount in Rs.)
14	Assam	Assam State Zoo, Guwahati	Conducting training programme on Building Nation Capacity	2,352,000
15	Assam	Assam State Zoo, Guwahati	Development work	26,000,000
16	Assam	Assam State Zoo, Guwahati	Development work	3,000,000
17	Assam	Assam State Zoo, Guwahati	Development work	3,270,000
18	Assam	Assam State Zoo, Guwahati	Development Work	5,000,000
19	Delhi	National Zoological Park	Development work	8,323,000
20	Gujarat	Kamla Nehru Zoological Garden, Ahmedabad	Zoo Keepers training programme	450,000
21	Gujarat	Rajkot Zoo, Rajkot	Strengthening Vet. Facility	59,000
22	Gujarat	Rajkot Zoo, Rajkot	Construction of Wolf enclosure (UC recieved full amount)	3,107,000
23	Haryana	Rohtak Zoo, Rohtak	Construction of leopard encl.	4,000,000
24	Karnataka	Mysore Zoo, Rajkot	Zoo Director's meeting Workshop	2,500,000
25	Karnataka	Sri Chamarajendra Zoological Park, Mysore	Zoo Keepers training programme	450,000
26	Karnataka	Sri Chamarajendra Zoological Park, Mysore	Preparation of Master Plan	400,000
27	Madhya Pradesh	Van Vihar National Park and Zoo, Bhopal	Transportation of elephant from Indore Zoo	200,000
28	Madhya Pradesh	Van Vihar National Park and Zoo, Bhopal	Conservation Breeding Programme	1,435,000
29	Madhya Pradesh	Van Vihar National Park and Zoo, Bhopal	Establishing aviary colony at conservation breeding centre at Bhopal	2,670,000
30	Madhya Pradesh	Gawalior Zoo	Development work	500,000
31	Manipur	Manipur Zoo	Development Work	4,528,000
32	Mizoram	Aizawl Zoo, Aizawl	Conservation Breeding Programme	750,000
33	Mizoram	Aizawl Zoo, Aizawl	Vet. Facility (1st installment)	53,000
34	Mizoram	Aizawl Zoo, Aizawl	Development Work	5,820,000
35	Nagaland	Nagaland Zoological Park	Development Work	9,349,000
36	Nagaland	Nagaland Zoological Park	Development Work	19,662,000
37	Nagaland	Nagaland Zoological Park	Conservation Breeding Programme of Blyth Tragopan	2,888,000
38	New Delhi	Civil Construction Unit	Research project on developing standards design of zoo enclosure	472,000



(Amount in ₹)

Sl. No.	States	Name of the zoos/ institutions	Purpose	Grant released (Amount in Rs.)
39	NIC	National Informatics Centre Service Inc.	E-documents archival & retrieval management information system	204,400
40	Odisha	Nandankanan Biological Park, Bhubaneswar	Research project on behavioural of Indian pongolin	225,000
41	Odisha	President, IZDA, Bhubaneswar	Publication of Indian Zoo Year Book Vol. VII	130,000
42	Odisha	Nandankanan Zoo	Development Work	800,000
43	Odisha	Nandankanan Biological Park	Zoo Keepers training programme	267,884
44	Odisha	Nandankanan Biological Park, Bhubaneswar	Publication of Indian Zoo year book	300,000
45	Odisha	Nandankanan Biological Park, Bhubaneswar	Establishment of lab for vulture conservation	3,842,000
46	Punjab	MC Zoological Park, Chhatbir Mohali	Zoo Keepers training programme	450,000
47	Punjab	M. C. Zoological Park	Development Work	10,150,000
48	Rajasthan	Jaipur Zoo, Jaipur	Organizing zoo workshop for zoo biologist	1,540,000
49	Rajasthan	Nahargarh Biological Park, Jaipur	Development work	6,081,000
50	Sikkim	Himalayan Zoological Park, Gangtok	Development Work	600,000
51	Tamil Nadu	MCBT, Chennai	Development work	271,000
52	Tripura	Sepahijala Zoological Park Agartala	Development Work	375,000
53	Tripura	Sepahijala Zoological Park, Agartala	Conservation Breeding Programme	1,338,000
54	Tripura	Sepahijala Zoological Park, Agartala	Additional fund for construction of Encl. of Clouded leopard	2,750,000
55	Uttar Pradesh	Kanpur Zoological Park, Kanpur	Zoo Keepers training programme	450,000
56	Uttar Pradesh	IVRI Van Prani Udyan	Development Work (renovation of boundary fencing)	1,133,000
57	Uttar Pradesh	Lucknow Zoological Garden, Lucknow	Renovation of hospital, security system, enrichment of enclosure etc.	1,950,000
58	Uttarakhand	Wildlife Institute of India, Dehradun	Stud Book & its maintenance	1,139,000



(Amount in ₹)

Sl. No.	States	Name of the zoos/ institutions	Purpose	Grant released (Amount in Rs.)
59	Uttrakhand	Wildlife Institute of India, Dehradun	Studies on housing & enclosure enrichment of some species in Indian zoos	900,000
60	Uttrakhand	Wildlife Institute of India, Dehradun	Research project on studies on housing and encl. enrichment	517,000
61	Wildlife Institute of India, Dehradun	Training & Workshop	Steering committee meeting for vulture conservation	393,000
62	Uttrakhand	Pt. GB Pant High Altitude Zoo, Nainital	Zoo Keepers training programme	450,000
63	Uttrakhand	Pt. GB Pant High Altitude Zoo, Nainital	Enrichment of encl., vet equipments and signage	578,000
64	Uttrakhand	Malsi Deer Park, Dehradun	Leopard rescue centre	5,734,000
65	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Add on expenditure on zoo directors meeting on 22-22 Feb, 2013	1,171,000
66	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Training programme with DWLCT	2,690,000
67	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Workshop for Red Panda PHVA	2,551,000
68	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Research Project on Red Panda Nutrition	216,000
69	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Construction of boundary fencing at downhill	6,000,000
70	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Installing of CCTV at CBC Red Panda	1,825,000
71	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Research Project Studies on Biology breeding behaviour	203,000
72	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Research project on red panda	257,000
73	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Conservation Breeding Programme	4,795,000
	TOTAL			184,136,284



8.2. Grants released to Rescue Centres

The Central Zoo Authority has provided an amount of Rs. 335.69 lakhs for maintenance including feed and medicine etc. to six (out of total seven) rescue centres created at Bangalore, Chennai, Tirupathi, Vishakhapatnam, Bhopal and Jaipur for large number of lions, tigers, leopards, bears and monkeys rescued from the circuses for rehabilitation.

S.No.	Location of the Rescue Centres	(Amount in Rs.)
1.	Nahargarh Rescue Centre, Jaipur	60,40,000
2.	Rescue Centre at Van Vihar National Park-Zoo, Bhopal, Madhya Pradesh	21,77,000
3.	Sri Venkateswara Zoological Garden, Tirupati	38,14,000
4.	Arignar Anna Zoological Park, Vandalur, Chennai	65,16,000
5.	Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh	39,94,000
6.	Bannerghatta Biological Park, Bangalore, Karnataka	1,10,28,000
	Total	3,35,69,000

8.3 Accounts and Audits:

The final audit of the accounts of the Central Zoo Authority will be conducted by the Principal Director of Audit, Scientific Department of C.A.G, Govt. of India. Income & Expenditure Accounts and Balance Sheet as on 31st March, 2014 with schedules is placed at **Annexure I and II**.



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY BALANCE SHEET AS AT 31.03.2014

(Amount in ₹)

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	Current Year	Previous Year
Corpus/Capital Fund	1	45,06,885	29,89,099
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	1,00,000	67,65,584
TOTAL		46,06,885	97,54,683
ASSETS			
Fixed Assets	8	14,61,501	16,32,580
Investments-From Earmarked/Endowment Funds	9	NIL	NIL
Investments-Others	10	NIL	NIL
Current Assets, Loans, advances Etc.	11	31,45,384	81,22,103
Miscellaneous Expenditure (to the extent not written off or adjusted)		NIL	NIL
TOTAL		46,06,885	97,54,683
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 AT 31.03.2014

(Amount in ₹)

INCOME	Schedule	Current Year	Previous Year
Income from Sales/Services	12	NIL	NIL
Grants/Subsidies	13	26,47,12,238	18,59,00,000
Fees/Subscriptions	14	4,35,000	5,30,000
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	82,884	8,895
TOTAL (A)		26,52,30,122	18,64,38,895
EXPENDITURE			
Establishment Expenses	20	1,02,20,910	93,08,515
Other Administrative Expenses etc.	21	2,79,00,189	2,35,80,798
Expenditure on Grants, Subsidies etc.	22	22,53,20,000	15,63,01,372
Interest	23	NIL	NIL
Depreciation (Net Total at the year-end-Schedule 8)	8	2,71,237	4,13,168
TOTAL (B)		26,37,12,336	18,96,03,853
Excess of Income over Expenditure (A-B)		15,17,786	(31,64,958)
Transfer to Special Reserve (Specify each)		NIL	NIL
Transfer to/from General Reserve		NIL	NIL
Balance Being Surplus Carried to Corpus/Capital Fund		15,17,786	NIL
Balance Being Deficit Carried to Corpus/Capital Fund		NIL	(31,64,958)
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
RECEIPTS AND PAYMENTS FOR THE PERIOD/YEAR ENDED 31.03.2014**

(Amount in ₹)

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
I. Opening Balances			1. Expenses		
(a) Cash in Hand			(a) Establishment Expenses (corresponding to Schedule 20)	1,02,26,250	93,47,082
(j) Imprest	15,000	15,000			
(b) Bank Balances	-	-	(b) Administrative Expenses (corresponding to Schedule 21)	61,30,747	76,18,418
i) In current accounts	69,39,892	91,09,076			
ii) In deposit accounts	NIL	NIL			
iii) Saving accounts	NIL	NIL			
II. Grants Received	-	-	II. Payments made against funds for various projects		
(a) From Government of India	25,50,00,000	18,50,00,000	(Name of the fund or project should be shown along with the particulars of payments made for each project)		
(b) From State Govt.	NIL	NIL			
(c) From other sources (details) - For SAAR Countries	-	9,00,000	a) Grants-in-aid to Zoos	22,53,20,000	15,63,01,372
(Grants for capital & revenue exp. to be shown separately)	-	-	b) Monitoring & Evaluation of Zoos	25,55,706	8,87,427



RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
			c) Research Projects	85,97,850	25,21,000
			d) Training, Workshop Conference	1,07,14,954	1,24,54,378
			e) Education & Awareness	NIL	NIL
			f) Exgratia payment to closed mobile zoos	NIL	NIL
			g) Transportation of Animals	NIL	NIL
III. Income on Investments from	-	-	III. Investments & deposit made		
(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
IV. Interest Received	-	-	IV. Expenditure on fixed Assets & capital work-in-progress		
(a) On bank deposits	NIL	NIL	(a) Purchase of fixed assets	1,00,158	2,28,523
(b) Loans, Advances etc.	NIL	NIL	(b) Expenditure on capital work-in-progress-Advance to NICS I	9,61,770	2,04,400
V. Other Income (Specify)			V. Refund of surplus money/loans		
(a) Fees received from Zoos with Application of Recognition	4,35,000	5,30,000	(a) to the Govt of India	NIL	NIL



RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
(b) Fees received from Application under RTI	652	2,745	(b) to the State Government	NIL	NIL
			(c) to other providers of funds	NIL	NIL
VI. Amount Borrowed	-	-	VI. Finance Charges (Interest)		
VII. Any other receipts (given details)	-	-	VII. Other Payments (Specify)		
(a) Misc. Receipts	50,000	200	(a) Payment of TDS	6,54,968	5,51,115
(b) Unspent balance of Gr. In Aid refunded by Zoos/CPWD	32,21,068	7,43,085	(b) Security Deposit (Released)	5,000	10,000
(c) Interest on Car/ Scooter Adv.	26,732	5,950	(c) Amount adjustable (By other deptt.) - NBWL Meeting Exp.	-	1,45,870
(d) Security deposit	25,000	55,000			
(e) Recovery of Advances	98,218	1,29,200	(d) Staff advances	22,500	42,750
(f) Recovery of TDS	6,54,968	5,51,115	(e) Payment to other Deptt. (Recoveries from pay bills)	-	12,00,020
(g) Staff car recovery	NIL	NIL	(f) Advance Payment for TA	50,000	-
(h) License fee	NIL	NIL	(g) Payment for Wildlife Week Celebration	6,72,006	6,36,994
(i) Recovery from pay bills, adjustable by other Departments	-	12,05,668			
(j) Sale proceed of assets	5,500	58,000			



RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
(k) Unspent GIA	NIL	NIL			
(l) Remittance of Leave salary and pension contribution	-	37,657			
(m) Receipt for Expenses on behalf of other Organizations	-	7,37,000			
- Wildlife Week Celeb.	5,72,000	-			
- Reg. fee for Waza	10,000	-			
(n) Expenses Reimbursable by MOEF	1,45,870	23,943			
(o) Remittance of Supperannuation and PPF Contribution of Deputationist	-	602	VIII. Closing Balances		
(p) Refund of Telephone Security	3,000		(a) Cash in Hand		
			Imprest	15,000	15,000
			(b) Bank Balances	-	-
			(i) In current accounts	11,75,991	69,39,892
			(ii) In deposit accounts	-	-
			(iii) Savings accounts	-	-
TOTAL	26,72,02,900	19,91,04,241		26,72,02,900	19,91,04,241



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATINS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2014**

SCHEDULE 1 - CORPUS/CAPITAL FUND

(Amount in ₹)

SCHEDULE 1 - CORPUS/CAPITAL FUND:	CURRENT YEAR	PREVIOUS YEAR
Balance as at the beginning of the year	29,89,099	61,54,057
Add: Contributions towards Corpus/CZA Fund	NIL	NIL
Add: Balance of net income - Transferred from the Income and Expenditure Account	NIL	NIL
Deduct: Balance of net expenditure - Transferred from the Income and Expenditure Account	15,17,786	(31,64,958)
BALANCE AS AT THE YEAR -END	45,06,885	29,89,099

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2014

SCHEDULE 7 - CURRENT LIABILITIES AND PROVISIONS

(Amount in ₹)

	CURRENT YEAR	PREVIOUS YEAR
A. CURRENT LIABILITIES		
1. Acceptances	NIL	NIL
2. Sundry Creditors:	NIL	NIL
a) For Good	NIL	NIL
b) Others	NIL	NIL
3. Receipt of Reg fee of WAZA 2014	10,000	NIL
4. Interest accrued but not due on:	NIL	NIL
a) Secured Loans/Borrowings	NIL	NIL
b) Unsecured Loans/Borrowings	NIL	NIL
5. Other Current Liabilities	NIL	NIL
i) Unspent Grants-in-Aid	NIL	64,91,170
ii) Unspent amount of Wild Life Week Celebration	NIL	1,00,006
iii) Security refundable	90,000	70,000
TOTAL A	1,00,000	66,61,176
B. PROVISIONS		
1. For Taxation	NIL	NIL
2. Gratuity	NIL	NIL



	CURRENT YEAR	PREVIOUS YEAR
3. Superannuation/Pension	NIL	NIL
i) Contribution to superannuation scheme	NIL	NIL
4. Accumulated Leave Encashment	NIL	NIL
5. Trade Warranties/Claims	NIL	NIL
6. Others (Specify)	NIL	NIL
7. Telephone Charges Payable	NIL	NIL
8. Leave Salary & Pension Contribution	NIL	NIL
9. TA Operational Payable	NIL	74,289
10. Audit Fees Payable	NIL	NIL
11. Photocopy Expenses payable	NIL	24,779
12. OTA Payable	NIL	5,340
TOTAL (B)	NIL	1,04,408
TOTAL (A+B)	1,00,000	67,65,584

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2014

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 current year (d-i)	As at the end of previous year
		04/13-09/13	10/13-03/14					04/13-09/13	10/13-03/14				
Vehicle	5,83,668	-	-	-	5,83,668	15	87,550	74,418	-	-	1,61,968	4,21,700	4,96,118
Furniture, Fixtures	7,92,811	5,100	88,108	-	8,86,019	10	79,041	71,887	4,405	-	1,55,333	7,30,686	7,13,770
Office equipment	3,52,061	-	-	-	3,52,061	15	51,676	45,058	-	-	96,734	2,55,327	3,00,385
Computer/ peripherals	3,05,768	-	6,950	-	3,12,718	60	1,83,461	73,384	2,085	-	2,58,930	53,788	1,22,307
TOTAL FOR THE CURRENT YEAR	20,34,308	5,100	95,058	-	21,34,466		4,01,728	2,64,747	6,490	-	6,72,965	14,61,501	16,32,580
PREVIOUS YEAR	18,82,048	2,08,625	19,898	76,263	20,34,308		2,86,621	1,25,175	1,372	11,440	4,13,168	16,32,580	18,82,048





FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2014

SCHEDULE 11 - CURRENT ASSETS, LOANS, ADVANCES ETC.

(Amount in ₹)

A. CURRENT ASSETS:	CURRENT YEAR	PREVIOUS YEAR
1. Inventories:		
a) Stores and Spares	NIL	NIL
b) Loose Tools	NIL	NIL
c) Stock-in-trade	NIL	NIL
Finished Goods	NIL	NIL
Work-in-progress	NIL	NIL
Raw Materials	NIL	NIL
2. Sundry Debtors:		
a) Debts Outstanding for a period exceeding 6 months	NIL	NIL
b) Others	NIL	NIL
3. Cash balances in hand (including cheques/drafts and imprest)		
Cash-In-Hand	NIL	NIL
Imprest	15,000	15,000
4. Bank Balances:		
a) With Scheduled Bank:	NIL	NIL
-On Current Accounts	11,75,991	69,39,892
-On Deposit Accounts	NIL	NIL
(includes margin money)		
-On Savings Accounts	NIL	NIL
b) With Non-Schedules Banks:		
-On Current Accounts	NIL	NIL
-On Deposit Accounts	NIL	NIL
-On Saving Accounts	NIL	NIL
5. Post Office-Saving Accounts	NIL	NIL
TOTAL A	11,90,991	69,54,892



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2014

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

(Amount in ₹)

B. LOANS, ADVANCES AND OTHER ASSETS:	CURRENT YEAR	PREVIOUS YEAR
1. Loans:		
a) Staff	7,33,223	8,08,941
b) Other Entities engaged in activities/objectives similar to that of the Entity	NIL	NIL
c) Other (Specify)	NIL	NIL
2. Advances and other amounts recoverable in cash or for value to be received		
a) On Capital Account	NIL	NIL
b) Advance Payment of TA	50,000	NIL
Expenses Reimbursable by MOEF	NIL	1,45,870
Advance Payment to NISCI for Computer Software	11,66,170	2,04,400
c) Others	NIL	NIL
Petrol Account	5,000	5,000
Telephone Account	NIL	3,000
3. Income Accrued:		
a) On Investments form Earmarked/Endowment funds	NIL	NIL
b) On Investments - Others	NIL	NIL
c) On Loans and Advances	NIL	NIL
d) Others (includes income due unrealized - Rs.)	NIL	NIL
4. Claims Receivable	NIL	NIL
TOTAL (B)	19,54,393	11,67,211
TOTAL (A+B)	31,45,384	81,22,103



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2014**

SCHEDULE 13 - GRANTS/SUBSIDIES

(Amount in ₹)

(Irrevocable Grants & Subsidies Received)	Current Year	Previous Year
1. Central Government	25,50,00,000	18,50,00,000
2. State Government(s)	NIL	NIL
3. Government Agencies	NIL	NIL
4. Institutions/Welfare Bodies	NIL	NIL
5. International Organisations	NIL	NIL
6. Others (Specify) - - Grant from SAARC	NIL	9,00,000
TOTAL	25,50,00,000	18,59,00,000
Unspent balance of last year	64,91,170	NIL
Unspent balance of Gr. In Aid refunded by Zoos during the year 2013-14	32,21,068	NIL
GRAND TOTAL	26,47,12,238	18,59,00,000



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2014

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	4,35,000.00	5,30,000.00
TOTAL	4,35,000.00	5,30,000.00



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

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2014**

SCHEDULE 16 - INCOME FROM ROYALTY PUBLICATION ETC.

(Amount in ₹)

	Current Year	Previous Year
1. Income from Royalty	NIL	NIL
2. Income from Publications	NIL	NIL
3. Others (specify)	NIL	NIL
TOTAL	NIL	NIL



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2014

SCHEDULE 17 - INTEREST EARNED ON TERM DEPOSITS/SAVING ACCOUNTS/LOAN

(Amount in ₹)

	Current Year	Previous Year
1. On Term Deposits:	NIL	NIL
a) With Scheduled Banks	NIL	NIL
b) With Non-Scheduled Banks	NIL	NIL
c) With Institutions	NIL	NIL
d) Others	NIL	NIL
2. On Saving Accounts :		
a) With Scheduled Banks	NIL	NIL
b) With Non-Scheduled Banks	NIL	NIL
c) Post Office Savings Accounts	NIL	NIL
d) Others	NIL	NIL
3. On Loans:		
a) Employees/Staff	NIL	NIL
b) Others	NIL	NIL
4. Interest on Debtors and Other Receivables	NIL	NIL
TOTAL	NIL	NIL



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD / YEAR ENDED 31.03.2014**

SCHEDULE 18 - OTHER INCOME

(Amount in ₹)

	Current Year	Previous Year
1. Profit on Sale/disposal of Assets:	5,500	NIL
a) Owned Assets	NIL	NIL
b) Assets acquired out of grants, or received free of cost	NIL	NIL
2. Export Incentives realized	NIL	NIL
3. Fees for Miscellaneous Services (RTI)	652	2,745
4. Interest on staff advances	26,732	NIL
5. Miscellaneous Income	50,000	6,150
TOTAL	82,884	8,895



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD / YEAR ENDED 31.3.2014

SCHEDULE 20 - ESTABLISHMENT EXPENSES

(Amount in ₹)

	Current Year	Previous Year
a) Salaries and Wages	84,95,985	83,23,639
b) Allowances and Bonus	27,632	27,632
c) Contribution to Provident Fund	NIL	NIL
d) Contribution to Other Fund (specify)	NIL	NIL
Superannuation Scheme	2,73,761	2,12,039
e) Staff Welfare Expenses	11,21,386	2,85,627
f) Expenses on Employees' Retirement & Terminal Benefits	NIL	NIL
g) Others (specify)	NIL	NIL
Leave Salary & Pension Contributions	3,02,146	4,59,578
TOTAL	1,02,20,910	93,08,515



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD / YEAR ENDED 31.03.2014**

SCHEDULE 21 - OTHER ADMINISTRATIVE EXPENSES ETC.

(Amount in ₹)

I.	Current Year	Previous Year
a) Purchases (Stationary)	2,23,994	2,22,611
b) Conveyance and Cartage	34,342	41,608
c) Repairs and Maintenance (General + Computer)	1,21,378	2,60,108
d) Vehicles Running Expenses	2,94,964	2,55,774
e) Vehicles Maintenance	1,09,297	31,996
f) Postage, Telephone and Communication Charges	3,51,678	2,64,567
g) Printing, Publication and Periodicals	4,90,164	8,48,044
h) Travelling Expenses	9,16,653	27,96,720
i) Legal & Professional Expenses	73,285	44,443
j) Hospitality Expenses	44,241	1,42,976
k) Advertisement and Publicity	1,67,869	2,26,083
l) Audit Fees	NIL	NIL
m) Others (specify)	NIL	NIL
n) Bank Charges	505	2,534
o) Other Expenses	1,07,532	1,41,003
p) Membership fees	30,95,777	24,32,703
q) Dificit on sale of unusable assets	NIL	6,823
TOTAL (I)	60,31,679	77,17,993



	Current Year	Previous Year
II. Payments Against Various Projects		
Expenses on Training, Workshop & Conferences	1,07,14,954	1,24,54,378
Expenses on Research Projects	85,97,850	25,21,000
Monitoring & Evaluation of Zoos	25,55,706	8,87,427
EX-Gratia Payments to closed Mobile Zoos	NIL	NIL
Transportation of Animals	NIL	NIL
TOTAL (II)	2,18,68,510	1,58,62,805
III. Unspent Balance of GIA Refundable to Ministry	NIL	NIL
TOTAL (I+II+III)	2,79,00,189	2,35,80,798



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD / YEAR ENDED 31.03.2014**

SCHEDULE 22 - EXPENDITURE ON GRANTS, SUBSIDIES ETC.

(Amount in ₹)

	Current Year	Previous Year
a. Grant given to Institutions/Organisations		
Grant released to various zoos	22,53,20,000.00	15,63,01,372.00
Unspent grants-in-aid refundable to ministry	NIL	NIL
b. Subsidies given to Institutions/Organisations	NIL	NIL
TOTAL	22,53,20,000.00	15,63,01,372.00



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD / YEAR ENDED 31.03.2014

SCHEDULE 23 - INTEREST ON LOANS/FIXED LOAN

(Amount in ₹)

	Current Year	Previous Year
a. On Fixed Loans	NIL	NIL
b. On Other Loans (including Bank Charges)	NIL	NIL
c. Other (Specify)	NIL	NIL
TOTAL	NIL	NIL



FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2013**

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 AT 31.03.2013**

SCHEDULE 25 - CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS

1. Contingent Liabilities

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

2. Capital Commitments

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

3. Current assets, Loans and Advances

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

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

5. Schedule 1 to 25 annexed form an integral part of the Balance Sheet as at 31st March, 2012 and the Income and expenditure e 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 on the Accounts of Central Zoo Authority, for the year ended 31 March, 2014

1. We have audited the attached Balance Sheet of Central Zoo Authority (CZA), as on 31 March 2014, the Income & Expenditure Account and the Receipts & Payment Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 38G of the Wildlife (Protection) Act, 1972. These financial statements are the responsibility of the CZA's management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. This Separate Audit Report contains the comments of the Comptroller and Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any are reported through Inspection Reports/CAG's Audit Reports separately.
3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material 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 38G of the Wildlife (Protection) Act, 1972 in so far as it appears from our examination of such books.

(iv) We further report that:

A. Balance Sheet:

(i) Current Assets, Loans, Advances etc. (Schedule 11) - Rs. 31.45 lakh
Inventories - NIL

CZA had inventories worth Rs. 0.31 lakh as on 31.03.2014 which were not included in the Annual Accounts. This has resulted in understatement of current assets by Rs. 0.31 lakh.

(ii) Fixed Assets (Schedule 8) - Rs. 14.62 lakh
Other Income (Schedule 18) - Rs. 0.83 lakh
Profit on Sale/disposal of Assets - Rs. 0.06 lakh

CZA had disposed the assets of Rs. 3.03 lakh and realized Rs. 0.06 lakh. However, no deduction of book value of Rs. 3.03 lakh from the gross value of assets and depreciation block both were overstated to that extent.

B. Income & Expenditure Account

Grants/Subsides (Schedule 13) - Rs. 2647.12 lakh

The above includes Rs. 97.12 lakh (i.e. Rs. 32.21 lakh received during 2013-14 and Rs. 64.91 lakh as balance of previous years) which was unspent balance of Grant-in-aid refunded by zoos during 2009-10 to 2013-14 pertaining to previous years. Out of Rs. 97.12 lakh, an amount of Rs. 56.19 lakh was revalidated by the Ministry for utilization during 2013-14. However, the remaining amount of Rs. 40.93 lakh was not revalidated and remained with CZA which needs to be refunded back to the controlling Ministry i.e. MoEF. Hence, the above discrepancy in the Income and Expenditure Account had resulted in overstatement of Income by Rs. 97.12 lakh besides understatement of liabilities by Rs. 40.93 lakh and prior period income by Rs. 56.19 lakh.

C. Grants-in-aid:

During the year 2013-14, CZA received grants in aid of ₹2550.00 lakh, ₹ 5.18 lakh as fee subscription & other income during 2013-14 besides ₹ 97.12 lakh as unspent balance of previous years, Out of total income of ₹ 2652.30, for the current year the Authority expended ₹ 2637.12 lakh, resulting unspent balance of ₹ 15.18 lakh.

**D. Management letter:**

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

- (v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipt & Payments Account dealt with by this report are in agreement with the books of accounts.
- (vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit report give a true and fair view in conformity with accounting principles generally accepted in India.
- a. In so far as it relates to the Balance Sheet, of the state of affairs of the Central Zoo Authority, New Delhi as at 31st March 2014 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

Principal Director of Audit (SD)

Place : New Delhi

Date : 30/10/2014



ANNEXURE - II

1. **Adequacy of Internal Audit System:** Internal Audit of CZA has been conducted during 2010-12 by PAO, MoEF for the period April 2010 to March 2012.
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 was not maintained at CZA.
3. (i) **System of Physical Verification of fixed assets:**

As per GFR 192 (1) Physical verification of Fixed Assets: (1) The inventory for fixed assets shall ordinarily be maintained at site. Fixed should be verified at least once in a year and the outcome of the verification recorded in the corresponding register. Discrepancies, if any, shall be promptly investigated and brought to account. However, audit observed that no such physical verification was conducted in the CZA during 2013-14.

(ii) **System of Physical Verification of Inventory:**

Similarly, Physical verification of all the consumable goods and materials should be undertaken at least once in a year and discrepancies, if any, should be recorded in the stock register for appropriate action by the competent authority. However, audit observed that no such physical verification of library books, stationery and consumable items was conducted in the CZA for the year 2013-14

In the absence of physical verification report of stores, audit could not verify the position of various consumables/non-consumables items/stocks in the CZA.
4. **Regularity in payment of statutory dues:**

The Central Zoo Authority was regular in depositing statutory dues.


Dy. Director (EA)





CENTRAL ZOO AUTHORITY
केन्द्रीय चिड़ियाघर प्राधिकरण

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