

ANNUAL REPORT

(2017-18)



CENTRAL ZOO AUTHORITY
Statutory Body of the Ministry of Environment, Forest & Climate Change
Government of India

The Central Zoo Authority (CZA) is a statutory body under the Ministry of Environment, Forest & Climate Change, Government of India. It was constituted under the provisions of Wildlife (Protection) Act, 1972. The Wildlife (Protection) Act, 1972 was amended through an amendment Act in the year 1991. A separate chapter, Chapter IVA contains Section 38 A to 38 J was added to the Wildlife (Protection) Act, 1972 for establishment of Central Zoo Authority in India. Accordingly, the Central Zoo Authority was established as a statutory body under the Ministry of Environment & Forests by the Government of India in the year 1992. The prime concern of the CZA has been to raise the existing standards of animal housing, upkeep and health care in the zoos of the country. The Central Zoo Authority oversees the functioning of zoos in India and provides them technical assistance.

The Government of India formulated the National Zoo Policy, 1998 to set the goals and objectives for the management of zoos in the country so that the national efforts in wildlife conservation are supplemented with the *ex-situ* conservation of wildlife. The standards and norms for housing, upkeep, health care of captive animals and overall management of zoos have been laid down under the Recognition of Zoo Rules, 2009. Every zoo in the country is required to obtain recognition from the Authority under Section 38H of the Wildlife (Protection) Act, 1972 for its operation. The Authority periodically evaluates zoos with reference to the parameters prescribed under the Rules and grants recognition accordingly.

The Authority consists of a Chairperson, ten members and a Member Secretary. The CZA has constituted different committees for its assistance in the performance of functions assigned to it under the Section 38C of the Wildlife (Protection) Act, 1972. The Administrative Committee, the Technical Committee and the Expert Group on Zoo Designing are regular constituents of the CZA. The functions of these committees are regulated by the Governing Body i.e. Central Zoo Authority, which is chaired by the Hon'ble Minister of Environment, Forest & Climate Change, Government of India and assisted by the Member Secretary as Chief Executive Officer (CEO).

Besides the primary function of recognition and release of financial assistance, the Central Zoo Authority also regulates the exchange of animals under section 38(I) of the Wildlife (Protection) Act, 1972 amongst zoos in the endangered category listed under Schedule-I & II of the Wildlife (Protection) Act, 1972. The exchange of animals between Indian zoos and foreign zoos is also approved by the Authority subject to requisite clearances under EXIM Policy and the CITES permits issued by the competent authority. The Authority also coordinates and implements initiatives on capacity building of zoo personnel, planned breeding programmes and ex-situ research including biotechnological intervention for conservation of species that complement in-situ conservation efforts across the country.

During the reporting period, the Central Zoo Authority has organized "Capacity Building of Indian Zoo Veterinarians" under the Memorandum of Understanding (MoU) with Smithsonian National Zoological Park, Washington D.C., USA at New Delhi in the field of veterinary health care of the animals. Further, the animal inventory of the member zoos of the country has been updated on 100% basis in the ZIMS software of Species360.

The publication of annual report is a mandatory requirement and a formal practice of the CZA. The annual report provides a glimpse of the activities carried out by the authority during the financial year. It is placed before the Hon'ble Members of Parliament for perusal and providing their guidance to the CZA. It is also circulated to the zoos and placed in the public domain for the benefit of the general public.

The Annual Report and the Annual Audited Account for the financial year 2017-18 as approved by the CZA on the recommendations of the Administrative Committee and the Technical Committee of the CZA has been prepared and is placed. I gratefully acknowledge the guidance of the governing body of the CZA and expert members of the various committees of the CZA. I also acknowledge the commitment, contribution and help from each and every personnel working in the CZA in the preparation of the Annual Report.



Dr. D.N. Singh
Member Secretary
Central Zoo Authority

CONTENTS

| Sl. No. | Subject | Page No. |
|------------|--|----------|
| 1.0 | Introduction | 1 |
| 1.1 | Vision | 1 |
| 1.2 | Mission | 1 |
| 1.3 | Objective | 1 |
| 1.4 | Functions | 2 |
| 2.0 | Governance | 2 – 13 |
| 2.1 | Governing Body | 4 – 6 |
| 2.2 | Administrative Committee | 7 – 8 |
| 2.3 | Technical Committee | 8 – 11 |
| 2.4 | Expert Group on Zoo Designing | 11 – 13 |
| 3.0 | Appointments made in the Secretariat of the Central Zoo Authority | 13 |
| 4.0 | Functioning of the CZA | 13 – 48 |
| 4.1 | Technical Evaluation of Zoos | 13 – 17 |
| 4.2 | Zoos Granted Recognition during 2017-18 | 18 – 20 |
| 4.3 | Establishment of New Zoos | 21 |
| 4.4 | The New Zoos given Recognition | 21 |
| 4.5 | List of Zoos given Show-cause Notice | 21 – 24 |
| 4.6 | The zoos cancelled recognition | 24 – 25 |
| 4.7 | The Zoo physically closed | 25 – 26 |
| 4.8 | List of the recognized zoos as on 31 st March 2018 | 26 – 34 |
| 4.9 | Exchange/Transfer of animals by zoos approved by CZA | 34 – 46 |
| 4.9.1 | Exchange of captive animals between Indian Zoos | 34 – 44 |
| 4.9.2 | Exchange proposal between Indian Zoos & Foreign Zoos | 44 – 45 |
| 4.9.3 | Proposals for transfer of animals from / or to Indian zoos | 45 – 46 |
| 4.10 | Improved Planning Process of Zoos | 46 – 47 |
| 4.10.1 | Master Plan | 46 |
| 4.10.2 | Master (Layout) Plan | 46 – 47 |
| 4.11 | Others | 47 – 48 |
| 4.11.1 | Re-development & Shifting of the CZA's Website | 47 |

| | | |
|--|---|-----------|
| 4.11.2 | Utilization Certificates | 47 – 48 |
| 5.0 | Maintenance of Studbooks | 48 – 53 |
| 6.0 | Conservation Breeding programme | 54 - 57 |
| 6.1 | Financial Assistance to the Conservation Breeding Centres | 54 - 57 |
| 7.0 | Human Resource Development | 57 – 63 |
| 7.1 | Training, Seminar and Workshops | 57 – 58 |
| 7.2 | Zoological Information Management System (ZIMS) | 58 – 62 |
| 7.3 | International Co-operation | 62 – 63 |
| 8.0 | Research & Education | 63 – 65 |
| 8.1 | Extension of the MoU between CZA and the IVRI, Bareilly | 63 |
| 8.2 | Extension of the MoU between CZA and the LaCONES, CCMB, Hyderabad | 63 |
| 8.3 | Research Projects | 63 – 65 |
| 9.0 | Publications | 65 |
| 10.0 | Financial assistance to Zoos | 66 – 69 |
| 10.1 | Improvement of zoos | 66 – 68 |
| 10.2 | Grants released to Rescue Centres | 68 – 69 |
| 11.0 | Annual Audited Accounts & Audits Report | 69 – 109 |
| Annexure I: Annual Accounts and Financial Statements including schedules | | 70 – 109 |
| Annexure II: Separate Audit Report from the CAG | | 111 – 117 |
| Annexure III: Reconstitution of the Central Zoo Authority – the Gazette of India notification no. D.L. – 33004/99 dated 18th May, 2017 | | 119-122 |

1. Introduction

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

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 animals housed in zoos in India to ensure their conservation through best practices of management and bringing education & awareness among the people.

1.3 Objective

The main objective is to

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

1.4 Functions

Zoos in India are regulated under the provisions of the Wildlife (Protection) Act, 1972 and are guided by the National Zoo Policy, 1998. The Government of India formulated Recognition of Zoo Rules, 1992. It was revised as Recognition of Zoo Rules, 2009 on the recommendation of the Central Zoo Authority. These rules lay down standards and norms for management of zoos in the country. The Central Zoo Authority oversees the functioning of zoos in the country and provides them technical and other assistance for their improvement.

The Authority has been assigned following functions under Section 38 (C) of the Wildlife (Protection) Act, 1972:

- (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 recognize or derecognize 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.

2.0 Governance

The CZA establishment comprises of 19 scientific and administrative personnel to assist the Member Secretary in discharge of his duties. They have been appointed/ engaged on regular/ contractual basis.

The following officers and staff are engaged on permanent basis in the CZA:

| Sl. | Name of the Post | Name of the incumbent | Pay-Band/Salary (Amount in Rs.) |
|-----|--|---|---------------------------------------|
| 1. | Member Secretary | Dr. D. N. Singh | 1,82,200-2,24,100 (Pay level - 15) |
| 2. | Deputy Inspector General of Forests, Regional Office, Guwahati | Sh. Diganta Gogoi (from 16.08.2017 to 07.11.2017) | 1,31,100-2,16,600 (Pay level - 13) |
| 3. | Finance Officer | Sh. R.S. Rawat | 56,100-1,67,800 (Pay level - 10) |
| 4. | Private Secretary | Smt. Seema Burreja | 47,600-1,51,100 (Pay level - 8) |
| 5. | Data Processing Assistant | Sh. Vivek Goel | 44,900-1,42,900 (Pay level - 7) |
| 6. | Personnel Assistant | Smt. Neeti Gulati | 44,900-1,42,900 (Pay level - 7) |
| 7. | Accountant | Sh. Suresh Sharma | 44,900-1,42,900 (Pay level - 7) |
| 8. | Evaluation & Monitoring Assistant | Sh. T. Ajay Kumar | 35,400 - 1,12,400 (Pay level - 6) |
| 9. | Technical Assistant | Smt. Natasha S Vashisth | 29,200 - 92,300 (Pay level - 5) |
| 10. | Staff Car Driver | Sh. Hari Singh Bhandari | 29,200 - 92,300 (Pay level - 5) |
| 11. | Lower Division Clerk | Sh. Thakur Dass | 21,700 - 69,100 (Pay level - 3) |
| 12. | Multi Task Staff | Sh. P. K. Jha | 21,700 - 69,100 (Pay level - 3) |
| 13. | Multi Task Staff | Sh. Gopal Swami | 19,900 - 63,200 (Pay level - 2) |

The following posts have been filled up on outsourced basis:

| Sl. No. | Name of the Post | No of personnel |
|---------|---------------------------------|-----------------|
| 1 | Evaluation & Monitoring Officer | One |
| 2 | Scientific Officer | One |
| 3 | Upper Division Clerk | One |
| 4 | IT Assistant | One |
| 5 | Multi Task Staff | One |
| 6 | Private Secretary | One |

2.1 Governing Body

Under Section 38-A of the Wildlife (Protection) Act, 1972 the Central Zoo Authority shall consist of a chairperson, such number of members not exceeding ten and member-secretary to be appointed by the Central Government. As per the Section 38-B of the Wildlife (Protection) Act, 1972 the chairperson and every member [other than the member-secretary] shall hold office for such period, not exceeding three years, as may be specified by the Central Government in this behalf.

Accordingly, the Governing Body of the Central Zoo Authority comprises of twelve members with the Minister for Environment, Forest and Climate Change, Government of India as its *ex-officio* Chairperson. The Authority was reconstituted for the 8th time in May, 2014 for a period of three years vide Gazette Notification No. 1152 dated 28th May, 2014 and appointed the following members, with the Member Secretary as the Chief Executive Officer of the Authority:

- | | | |
|----|---|--------------------------------------|
| 1. | Minister Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Chairperson (<i>ex-officio</i>) |
| 2. | Secretary to the Government of India, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 3. | Director General of Forests & Special Secretary, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 4. | Additional Director General of Forests (Wildlife) & | Member |

| | | |
|-----|---|---------------------------------|
| | Director, Wildlife Preservation, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | (<i>ex-officio</i>) |
| 5. | Additional Secretary and Financial Advisor Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 6. | Director, Indian Veterinary Research Institute, Bareilly, Uttar Pradesh | Member (<i>ex-officio</i>) |
| 7. | Director, Wildlife Institute of India, Dehradun, Uttarakhand | Member (<i>ex-officio</i>) |
| 8. | Sh. S.K. Patnaik, Retd. Chief Wildlife Warden, Bhubaneswar, Odisha | Member |
| 9. | Sh. Kartikeya V. Sarabhai, Director, Centre for Environment Education, Ahmedabad, Gujarat | Member |
| 10. | Sh. Vivek Menon, Advisor (Chief Executive Officer), Wildlife Trust of India, Noida Uttar Pradesh | Member |
| 11. | Sh. Kartick Satyanarayan, Wildlife SOS, New Delhi | Member |
| 12. | Member Secretary, Central Zoo Authority, New Delhi | Member Secretary |

The duration of three year of the Central Zoo Authority was completed on 27th May, 2017. As per the provision of the Wildlife (Protection) Act, 1972 under sanction 38-A, the Authority was reconstituted for the 9th time in May, 2017 for a period of three years vide Gazette Notification No. 1492 dated 24th May, 2017(**Annexure III**) and new CZA body has been constituted. It consists of the following members:

| | | |
|----|---|--------------------------------------|
| 1. | Minister Environment, Forest & Climate Change, Government of India, New Delhi | Chairperson (<i>ex-officio</i>) |
| 2. | Secretary to the Government of India, | Member |

| | | |
|-----|--|---------------------------------|
| | Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | (<i>ex-officio</i>) |
| 3. | Director General of Forests & Special Secretary, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 4. | Additional Director General of Forests (Wildlife) & Director, Wildlife Preservation, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 5. | Additional Secretary and Financial Advisor Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 6. | Director, Wildlife Institute of India, Dehradun, Uttarakhand | Member (<i>ex-officio</i>) |
| 7. | Director, Indian Veterinary Research Institute, Bareilly, Uttar Pradesh | Member (<i>ex-officio</i>) |
| 8. | The Chief Executive Officer, World Wide Fund for Nature India, New Delhi | Member |
| 9. | Sh. Abhilash Khandekar, Senior Journalist, 1/8 INS Building, Rafi Marg, New Delhi-110001 | Member |
| 10. | Sh. C. S. Yalakki, IFS (Retd.) House No. 1604, E&F Block, Ramakrishna Nagar, Mysuru, Karnataka – 570023 | Member |
| 11. | Sh. Bharat Pathak, IFS (Retd.) Plot No. 64, Near Small Shopping Center, Gandhinagar, Gujarat - 382007 | Member |
| 12. | Member Secretary, Central Zoo Authority, New Delhi | Member Secretary |

The Member Secretary, CZA is the Chief Executive Officer of the Authority.

The 29th & 30th meeting of the Central Zoo Authority was held on 19th June, 2017 and 28th September, 2017 respectively.

2.2 Administrative Committee

A Sub-group, namely, Administrative Committee of the Central Zoo Authority was reconstituted with the approval of the Hon'ble Minister, Environment, Forest & Climate Change, and Chairperson, Central Zoo Authority vide order No. 19-8/92-CZA(Vol.IV)(M)/5068 dated 11.06.2014 to deal with the administrative and budgetary issues with the following composition and terms of reference:

- | | | |
|----|--|--------------------------------------|
| 1. | Director General of Forests & Special Secretary, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Chairperson (<i>ex-officio</i>) |
| 2. | Additional Director General of Forests (Wildlife) & Director, Wildlife Preservation, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 3. | Additional Secretary and Financial Advisor Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 4. | Joint Secretary (Admn.), (In-Charge, General Administration) Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 5. | Member Secretary, Central Zoo Authority, New Delhi | Member Secretary |

The main functions of the Administrative Committee are:

- To screen and approve the proposals regarding creation of posts and up gradation of existing posts in the Authority.
- To approve proposals for awarding consultancies, outsourcing of services/ manpower and contract appointments to Group 'A' posts.
- To approve Annual Budget of the Central Zoo Authority.
- Any other matter referred to it by the Central Zoo Authority.

The term of the office of the Chairperson and members of the Administrative Committee of the Central Zoo Authority was coterminous with that of the Central Zoo

Authority vide Gazette Notification No. 1152 dated 28th May, 2014. Accordingly, after the reconstitution of the Central Zoo Authority for a period of three years vide Gazette Notification No. 1492 dated 24th May, 2017 the Administrative Committee of the Central Zoo Authority was reconstituted with the approval of the Hon'ble Minister, Environment, Forest & Climate Change, and Chairperson, Central Zoo Authority vide order No. 7-4/2017-CZA/1190/2017 dated 30.06.2017 to deal with the administrative and budgetary issues with the following composition and same terms of reference:

- | | | |
|----|--|--------------------------------------|
| 1. | Director General of Forests & Special Secretary, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Chairperson (<i>ex-officio</i>) |
| 2. | Additional Director General of Forests (Wildlife) & Director, Wildlife Preservation, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 3. | Additional Secretary and Financial Advisor Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 4. | Joint Secretary (Administration), (In-Charge, General Administration) Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 5. | Member Secretary, Central Zoo Authority, New Delhi | Member Secretary |

The Administrative Committee Meeting of the Central Zoo Authority was held on 01st September, 2017 at Indira Paryavaran Bhawan, Jor Bagh, New Delhi, under the chairmanship of Sh. Siddhanta Das, DGF & Special Secretary, Ministry of Environment, Forest and Climate Change, Government of India wherein various administrative issues were deliberated and finalized.

2.3 Technical Committee

The Technical Committee of the Central Zoo Authority was reconstituted with the approval of the Hon'ble Minister, Environment, Forest & Climate Change and Chairperson,

Central Zoo Authority vide order No. 19-8/92-CZA(Vol. IV)(M)/5060-67 dated 11.06.2014 to deal with the technical matters with following composition and terms of reference:

- | | | |
|-----|---|--------------------------------------|
| 1. | Additional Director General of Forests (Wildlife) & Director, Wildlife Preservation, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Chairperson (<i>ex-officio</i>) |
| 2. | Director General of Forests & Special Secretary, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 3. | Additional Secretary and Financial Advisor Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |
| 4. | Director, Indian Veterinary Research Institute, Bareilly, Uttar Pradesh | Member (<i>ex-officio</i>) |
| 5. | Director, Wildlife Institute of India, Dehradun, Uttarakhand | Member (<i>ex-officio</i>) |
| 6. | Sh. S.K. Patnaik, Retd. Chief Wildlife Warden, Bhubaneswar, Odisha | Member |
| 7. | Sh. Kartikeya V. Sarabhai, Director, Centre for Environment Education, Ahmedabad, Gujarat | Member |
| 8. | Sh. Vivek Menon, Advisor (Chief Executive Officer), Wildlife Trust of India, Noida Uttar Pradesh | Member |
| 9. | Sh. Kartick Satyanarayan, Wildlife SOS, New Delhi | Member |
| 10. | Member Secretary, Central Zoo Authority, New Delhi | Member Secretary |

The main functions of the Technical Committee are:

- 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, 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 term of the Technical Committee is also coterminous with the term of the Central Zoo Authority which was constituted on May 28, 2014 for a period of three years. Accordingly, after the reconstitution of the Central Zoo Authority for a period of three years vide Gazette Notification No. 1492 dated 24th May, 2017, the Technical Committee of the Central Zoo Authority was reconstituted with the approval of the Hon'ble Minister, Environment, Forest & Climate Change, and Chairperson, Central Zoo Authority vide order No. 7-4/2017-CZA/1191/2017 dated 30.06.2017 to deal with the technical matters with following composition and same terms of reference:

- | | | |
|----|--|--------------------------------------|
| 1. | Additional Director General of Forests (Wildlife) & Director, Wildlife Preservation, Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Chairperson (<i>ex-officio</i>) |
| 2. | Additional Secretary and Financial Advisor Ministry of Environment, Forest & Climate Change, Government of India, New Delhi | Member (<i>ex-officio</i>) |

- | | | |
|----|---|---------------------------------|
| 3. | Director, Indian Veterinary Research Institute, Bareilly, Uttar Pradesh | Member (<i>ex-officio</i>) |
| 4. | Director, Wildlife Institute of India, Dehradun, Uttarakhand | Member (<i>ex-officio</i>) |
| 5. | The Chief Executive Officer, World Wide Fund for Nature India, New Delhi | Member |
| 6. | Sh. C. S. Yalakki, IFS Retd., House No. 1604, E&F Block, Ramakrishna Nagar, Mysuru, Karnataka – 570023 | Member |
| 7. | Sh. Bharat Pathak, Retd. IFS (1984) Plot No. 64, Near Small Shopping Center, Gandhinagar, Gujarat - 382007 | Member |
| 8. | Member Secretary, Central Zoo Authority, New Delhi | Member Secretary |

The meetings of the Technical Committee of the Central Zoo Authority, during the financial year 2017-18, were held on 19th May, 2017 (83rd Meeting), 19th September, 2017 (84th Meeting) and 23rd March, 2018 (85th meeting) on the proposal on Improvement in zoos, Conservation Breeding Programme, Research and Training 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 of the Central Zoo Authority was reconstituted with the approval of the Hon'ble Minister for Environment, Forest and Climate Change, Government of India and Chairperson, CZA vide office order F. No. 7-5/2016-CZA (AK) 2464/2016 dated 26.08.2016 with following composition and terms of reference:

- | | | |
|----|--|--------|
| 1. | Shri P.R. Sinha, Ex-Member Secretary, CZA & Country Representative, IUCN India, C4/25, Safdarjung Development Area, New Delhi – 110016 | Member |
| 2. | Shri B.S. Bonal, Ex-Member Secretary, CZA & Ex- Member Secretary, NTCA C – 1/43, Bapa Nagar, New Delhi 110003 | Member |

- | | | |
|----|--|----------|
| 3. | The Head, Department of Landscape Architecture, School of Planning & Architecture, Block – 4, Inderprastha Estate, New Delhi – 110002. | Member |
| 4. | Representative, Civil Construction Unit, Ministry of Environment, Forest and Climate Change, Room No. 728, 7 th Floor, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi – 110003. | Member |
| 5. | Dr. Brij Kishor Gupta, Zoo Biologist and Evaluation and Monitoring Officer, Central Zoo Authority, R/o C-280, Beta – I, Greater Noida – 201 310, Uttar Pradesh | Member |
| 6. | Dr. Devender Kumar, Zoo Biologist and Scientific Officer, Central Zoo Authority, R/o B-83, 2 nd Floor, Dena Bank Building, Near Mayur Public School, Mangalam, I.P. Extension, Delhi - 110092 | Member |
| 7. | Shri Himanshu Malhotra, Wildlife Filmmaker/ Environmentalist & Member of Zoo Advisory Board, National Zoological Park, New Delhi, R/o C-50, Defence Colony, New Delhi – 110 024 | Member |
| 8. | Member Secretary, Central Zoo Authority, New Delhi | Convener |

The terms of reference of the Expert Group on Zoo Designing are:

- a. To scrutinise, suggest improvements, changes and make recommendations (to the Technical Committee) in the proposed Master (Layout) Plan & Master Plan submitted by various zoos.
- b. To scrutinise, suggest improvements/ changes and approve/ disapprove the designs of animal enclosures submitted by various zoos.

- c. To suggest standards and norms for designing of animal enclosures for various zoos.

During the year 2017-18, the Expert Group on zoo designing held its meeting on 26th April, 2017 (73rd Meeting), 13th & 14th July, 2017 (74th Meeting), 9th November, 2017 (75th Meeting), 15th February, 2018 (76st Meeting) and 5th March, 2018 (77th Meeting) to approve the drawings of the enclosures of the endangered species to be constructed in Indian zoos and to recommend the approval of Master (Layout) Plan and Master Plan of the zoos.

3.0 Appointments made in the Secretariat of the Central Zoo Authority

The Central Zoo Authority appointed Sh. Diganta Gogoi, IFS as Deputy Inspector General of Forests for Regional Office, Guwahati during the reporting period to strengthen human resource in the Central Zoo Authority. However, Sh. Diganta Gogoi was repatriated from the Central Zoo Authority w.e.f. 07.11.2017 (afternoon) at his own request.

4.0 Functioning of the CZA

4.1 Technical Evaluation of Zoos

The Central Zoo Authority evaluated 67 Zoos during the financial year 2017 -18 out of which 6, 7, 17 and 31 zoos were large, medium, small and mini category zoos respectively and it included 6 Rescue Centres. Following is the list of the zoos of different categories evaluated during the financial year 2017-18:

Large category zoos

| Sl. | State | Name and location of the Zoo | Evaluating officer/s | Date of evaluation |
|-----|---------------|----------------------------------|----------------------|--------------------|
| 1. | Andhra | Indira Gandhi Zoological Park | Dr. D. N. Singh | 12-08-2017 |
| 2. | Pradesh | Sri Venkateswara Zoological Park | Dr. D. N. Singh | 29-05-2017 |
| 3. | Gujarat | Sakkarbaug Zoo | Dr. D. N. Singh | 20-01-2018 |
| 4. | Odisha | Nandankanan Biological Park | Dr. D. N. Singh | 27-02-2018 |
| 5. | Telangana | Nehru Zoological Park | Dr. D. N. Singh | 11-08-2017 |
| 6. | Uttar Pradesh | Kanpur Zoological Park | Dr. D. N. Singh | 03-08-2017 |

Medium category Zoos

| Sl. | State | Name and location of the Zoo | Evaluating officer/s | Date of evaluation |
|-----|-------------|--|-----------------------|--------------------|
| 1. | Gujarat | Dr. Shyamaprasad Mukharjee Zoological Garden, Surat | Dr. Brij Kishor Gupta | 22-07-2017 |
| 2. | | Rajkot Municipal Zoo, Rajkot | Dr. Brij Kishor Gupta | 23-07-2017 |
| 3. | Kerala | State Museum & Zoo | Sh. T. Ajay Kumar | 18-11-2017 |
| 4. | Maharashtra | Veermata Jijabai Bhosale Udyan & Zoo | Dr. Brij Kishor Gupta | 14-10-2017 |
| 5. | Rajasthan | Nahargarh Biological Park (Jaipur Zoo) | Dr. Brij Kishor Gupta | 22-02-2018 |
| 6. | Tamilnadu | V.O.C. Park Mini Zoo, Coimbatore | Sh. T. Ajay Kumar | 19-11-2017 |
| 7. | Tripura | Sepahijala Zoological Park, Agartala | Dr. D. N. Singh | 15-03-2018 |

Small category zoos

| Sl. | State | Name and location of the Zoo | Evaluating officer/s | Date of evaluation |
|-----|------------------|---|--|--------------------|
| 1. | Goa | Bondla Zoo, Usgao | Dr. D. N. Singh | 16-02-2018 |
| 2. | Himachal Pradesh | Dhauladhar Nature Park | Dr. Devender Kumar | 31-07-2017 |
| 3. | | Himalayan Nature Park | Dr. Devender Kumar | 02-08-2017 |
| 4. | Karnataka | Tiger & Lion Safari, Shimoga | Sh. C. S. Yallaki | 13-09-2017 |
| 5. | Kerala | Parassinikkadavu Reptile Park | Sh. T. Ajay Kumar | 17-11-2017 |
| 6. | Madhya Pradesh | Gandhi Zoological Park | Dr. Brij Kishor Gupta and Dr. Jitendra Kumar Jatav | 05-05-2017 |
| 7. | Maharashtra | Aurangabad Municipal Zoo, Aurangabad | Dr. Brij Kishor Gupta | 13-10-2017 |
| 8. | | Sanjay Gandhi National Park and Zoo, Borivali | Dr. Brij Kishor Gupta | 14-10-2017 |
| 9. | | Mahatma Gandhi Rashtriya Udyan Zoo, Solapur | Dr. Brij Kishor Gupta | 17-10-2017 |

| Sl. | State | Name and location of the Zoo | Evaluating officer/s | Date of evaluation |
|-----|-------------|---|-----------------------|--------------------|
| 10. | | Maharajbag Zoo | Dr. Brij Kishor Gupta | 18-01-2018 |
| 11. | Meghalaya | Nehru Park Zoo, Danakgre, Tura | Dr. Brij Kishor Gupta | 11-06-2017 |
| 12. | Mizoram | Aizawl Zoo (Mizoram zoo) | Dr. Brij Kishor Gupta | 20-03-2018 |
| 13. | Odisha | Indira Gandhi Park Zoo | Sh. T. Ajay Kumar | 25-10-2017 |
| 14. | Punjab | Deer Park, Bir Moti Bagh (Patiala Zoo) | Dr. Devender Kumar | 15-10-2017 |
| 15. | Rajasthan | Kota Zoo | Dr. Brij Kishor Gupta | 20-02-2018 |
| 16. | Telangana | Kakatiya Zoological Park (Vanavigyan Kendra) | Sh. T. Ajay Kumar | 19-04-2017 |
| 17. | West Bengal | Marble Palace Zoo | Dr. Brij Kishor Gupta | 01-02-2018 |

Mini category zoos

| Sl. | State | Name and location of the Zoo | Evaluating officer/s | Date of evaluation |
|-----|-------------------|--|-----------------------|--------------------|
| 1. | Andhra Pradesh | Deer Park, GVK Power Plant, Jegurupadu | Sh. T. Ajay Kumar | 17-04-2017 |
| 2. | | Deer Park, Chittoor, Chittoor (East) Division | Sh. T. Ajay Kumar | 04-10-2017 |
| 3. | | Deer Park, NFCL Green Belt, Kakinada | Sh. T. Ajay Kumar | 05-10-2017 |
| 4. | Arunachal Pradesh | Miao Mini Zoo, Miao | Sh. T. Ajay Kumar | 28-01-2018 |
| 5. | | Mini Zoo, Roing | Sh. T. Ajay Kumar | 29-01-2018 |
| 6. | Gujarat | Sundervan Nature Discovery Centre, Jodhpur Tekra (Ahmedabad) | Sh. T. Ajay Kumar | 15-02-2018 |
| 7. | Himachal Pradesh | Renuke Mini Zoo, Sirmaur | Dr. Brij Kishor Gupta | 06-04-2017 |
| 8. | Jharkhand | Birsa Mrig Vihar, Kalimati | Sh. Bipul Chakraborty | 09-10-2017 |
| 9. | Karnataka | Deer Park At Shri Kshetra Sogal, Soudatti, Belgaun | Sh. C. S. Yallaki | 08-05-2017 |
| 10. | | Namadachilume Deer | Sh. C. S. Yallaki | 15-11-2017 |

| Sl. | State | Name and location of the Zoo | Evaluating officer/s | Date of evaluation |
|-----|----------------|--|-----------------------|--------------------|
| | | Park, Tumkur | | |
| 11. | | Mini Zoo Cum Children Park, Gulbarga | Sh. T. Ajay Kumar | 26-02-2018 |
| 12. | | Tungabhadra Dam Mini Zoo, Bellary | Sh. T. Ajay Kumar | 27-02-2018 |
| 13. | | Mini Zoo A. M. GudiBalvana, Chitradurga | Sh. T. Ajay Kumar | 28-02-2018 |
| 14. | Kerala | Kodanadu Zoo, Kodanadu | Sh. T. Ajay Kumar | 16-11-2017 |
| 15. | Madhya Pradesh | Maharaja Martand Singh Jedeo White Tiger Safari and Zoo, Mukundpur | Dr. Brij Kishor Gupta | 15-03-2018 |
| 16. | Meghalaya | Lady Hydari Park Animal Land, Shillong | Dr. Brij Kishor Gupta | 13-06-2017 |
| 17. | Mizoram | Deer Park, Thenzawl | Dr. Brij Kishor Gupta | 21-03-2018 |
| 18. | Odisha | Kuanria Deer Park, Nayagarh Forest Division | Sh. T. Ajay Kumar | 24-10-2017 |
| 19. | | Taptapani Deer Park, Parlakhemundi | Sh. T. Ajay Kumar | 26-10-2017 |
| 20. | Punjab | Deer Park, Neelon | Dr. Devender Kumar | 16-10-2017 |
| 21. | Telanagana | Kinnerasani Deer Park, Kinnerasani | Sh. T. Ajay Kumar | 18-04-2017 |
| 22. | | Sanghi Mini Zoo, Ranga Reddy District | Sh. T. Ajay Kumar | 20-04-2017 |
| 23. | | Deer Park - Tech Mahindra Technology Center, Ranga Reddy | Sh. T. Ajay Kumar | 21-04-2017 |
| 24. | | Deer Park, Kesoram Cement, Basantnagar | Sh. T. Ajay Kumar | 06-10-2017 |
| 25. | | Deer Park, Jawahar Lake Tourist Complex, Shamirpet | Sh. T. Ajay Kumar | 07-10-2017 |
| 26. | Uttarakhand | Malsi Deer Park (Dehra Dun Biological Park) | Dr. D. N. Singh | 12-01-2018 |

| Sl. | State | Name and location of the Zoo | Evaluating officer/s | Date of evaluation |
|-----|---------------|---|-----------------------|--------------------|
| 27. | Uttar Pradesh | Nawabganj Deer Park, Unnao | Dr. D. N. Singh | 03-08-2017 |
| 28. | | Vinod Van Mini Zoo, Ramgarh (Gorakhpur Zoological Park) | Dr. Brij Kishor Gupta | 24-01-2018 |
| 29. | West Bengal | North Bengal Wild Animals Park, Jalpaiguri | Sh. Bipul Chakraborty | 13-04-2017 |
| 30. | | Sundarban Wild Animal Park, Jharkali | Sh. Bipul Chakraborty | 16-04-2017 |
| 31. | | Rasikbeel Mini Zoo, Coochbihar | Dr. Brij Kishor Gupta | 02-02-2018 |

Rescue Centre

| Sl. | State | Name and location of the Zoo | Evaluating officer/s | Date of evaluation |
|-----|-------------------|--|-----------------------|--------------------|
| 1. | Andhra Pradesh | Karuna Wildlife Rescue and Rehabilitation Centre – Rayalseema, Dist. Anantapur | Sh. T. Ajay Kumar | 15-04-2017 |
| 2. | Arunachal Pradesh | Centre For Bear Rehabilitation And Conservation, Pakke | Sh. T. Ajay Kumar | 01-02-2018 |
| 3. | Himachal Pradesh | Nehru Phesantary, Manali | Dr. Devender Kumar | 18.10.2017 |
| 4. | Maharashtra | Rescue Centre At Gorewada, Nagpur | Dr. Brij Kishor Gupta | 18-01-2018 |
| 5. | West Bengal | South Khairbari Rescue Centre, Madarihata | Sh. Bipul Chakraborty | 12-04-2017 |
| 6. | | Harinalaya at Eco Park (Nature Park At Taratola Road), Kolkata | Dr. Brij Kishor Gupta | 30-01-2018 |

4.2 Zoos Granted Recognition during 2017-18

The Central Zoo Authority granted renewal of recognition to 43 zoos during the year 2017-18 as per the details given below. Of these Large, Medium, Small, Mini category zoos and Rescue Centres were 6, 5, 12, 15 and 5 respectively. There are 160 recognized zoos in the country as on 31/03/2018.

Large category zoos

| Sl. | State | Name of the Zoo | Location | Recognition valid upto |
|-----|----------------|----------------------------------|---------------|------------------------|
| 1. | Andhra Pradesh | Sri Venkateswara Zoological Park | Tirupati | 27-09-2019 |
| 2. | | Indira Gandhi Zoological Park | Visakhapatnam | 22-03-2020 |
| 3. | Gujarat | Sakkarbaug Zoo | Junagarh | 22-03-2019 |
| 4. | Odisha | Nandankanan Biological Park | Bhubaneshwar | 22-03-2020 |
| 5. | Telangana | Nehru Zoological Park | Hyderabad | 22-03-2020 |
| 6. | Uttar Pradesh | Kanpur Zoological Park | Kanpur | 22-03-2020 |

Medium category zoos

| Sl. | State | Name of the Zoo | Location | Recognition valid upto |
|-----|-------------|--|----------|------------------------|
| 1. | Gujarat | Dr. Shyamaprasad Mukharjee Zoological Garden | Surat | 27-09-2020 |
| 2. | | Rajkot Municipal Zoo | Rajkot | 27-09-2020 |
| 3. | Maharashtra | Veermata Jijabai Bhosale Udyan & Zoo | Mumbai | 22-03-2020 |
| 4. | Rajasthan | Nahargarh Biological Park (Jaipur Zoo) | Jaipur | 23.08.2019 |
| 5. | Tripura | Sepahijala Zoological Park | Agartala | 05.05.2019 |

Small category zoos

| Sl. | State | Name of the Zoo | Location | Recognition valid upto |
|-----|-------|-----------------|----------|------------------------|
|-----|-------|-----------------|----------|------------------------|

| Sl. | State | Name of the Zoo | Location | Recognition valid upto |
|-----|------------------|---|----------------|------------------------|
| 1. | Goa | Bondla Zoo | Usgao | 22-03-2019 |
| 2. | Himachal Pradesh | Dhauladhar Nature Park | Gopalpur | 22-03-2020 |
| 3. | | Himalayan Nature Park | Kufri | 22-03-2020 |
| 4. | Madhya Pradesh | Gandhi Zoological Park | Gwalior | 18-05-2018 |
| 5. | Maharashtra | Sanjay Gandhi National Park and Zoo | Borivali | 22-03-2020 |
| 6. | | Mahatma Gandhi Rashtriya Udyan Zoo, Solapur | Solapur | 22-03-2019 |
| 7. | Meghalaya | Nehru Park Zoo, Danakgre, Tura | Akhongini Tura | 27-09-2020 |
| 8. | Mizoram | Aizawl Zoo (Mizoram Zoo) | Aizawl | 22-03-2019 |
| 9. | Punjab | Deer Park, Bir Moti Bagh (Patiala Zoo) | Patiala | 22-03-2020 |
| 10. | Rajasthan | Kota Zoo | Kota | 22-03-2019 |
| 11. | Telanagana | Kakatiya Zoological Park (Vana Vigyan Kendra) | Warangal | 22-03-2019 |
| 12. | West Bengal | Marble Palace Zoo | Kolkata | 22-03-2019 |

Mini category zoos

| Sl. | State | Name of the Zoo | Location | Recognition valid upto |
|-----|------------------|--|-----------|------------------------|
| 1. | Gujarat | Sundervan Nature Discovery Centre, Jodhpur Tekra | Ahmedabad | 22-03-2019 |
| 2. | Himachal Pradesh | Renuke Mini Zoo, Sirmaur | Renuka | 18-05-2020 |
| 3. | Jharkhand | Birsa Mrig Vihar | Kalimati | 22-03-2019 |
| 4. | Madhya Pradesh | Maharaja Martand Singh Judeo White Tiger Safari and Zoo, Mukundpur | Satna | 22-03-2019 |
| 5. | Maharashtra | Maharaja Shahaji Chhatrapati Zoo | Kohlapur | 27-09-2018 |
| 6. | Meghalaya | Lady Hydari Park Animal Land | Shillong | 27-09-2018 |

| Sl. | State | Name of the Zoo | Location | Recognition valid upto |
|-----|---------------|---|------------------------|------------------------|
| 7. | Mizoram | Deer Park, Thenzawl | Thenzawl | 22-03-2020 |
| 8. | Tamilnadu | Deer Park At Udthagamandalam (Ooty) | Udhagaman dalam | 19-09-2018 |
| 9. | Telanagana | Kinnerasani Deer Park | Kinnersani | 27-09-2018 |
| 10. | Uttarakhand | Malsi Deer Park (Dehra Dun Biological Park) | Dehradun | 22-03-2019 |
| 11. | Uttar Pradesh | Nawabganj Deer Park | Unnao | 27-09-2019 |
| 12. | | Vinod Van Mini Zoo, Ramgarh (Gorakhpur Zoological Park) | Gorakhpur | 22-03-2019 |
| 13. | West Bengal | North Bengal Wild Animals Park | Jalpaiguri | 27-09-2019 |
| 14. | | Sundarban Wild Animal Park, Jharkali | Dist.24 Parganas South | 27-09-2019 |
| 15. | | Rasikbeel Mini Zoo | Coochbihar | 22-03-2020 |

Rescue Centres

| Sl. | State | Name of the Zoo | Location | Recognition valid upto |
|-----|------------------|---|-----------|------------------------|
| 1. | Himachal Pradesh | Nehru Phesantary | Manali | 22-03-2020 |
| 2. | Maharashtra | Rescue Centre, Gorewada | Nagpur | 22-03-2019 |
| 3. | West Bengal | South Khairbari Rescue Centre | Madarihat | 18-05-2020 |
| 4. | | Harinalaya at Eco Park (Nature Park at Taratola Road) | Kolkata | 22-03-2019 |
| 5. | Uttar Pradesh | Agra Bear Rescue Facility | Agra | 22-03-2019 |

4.3 Establishment of new zoos

1. The Technical Committee of the Central Zoo Authority has recommended the DPR of the proposed Establishment of the Chidiyatol Zoo and Rescue Centre at Kharbai, District Raisen, Madhya Pradesh for approval of the Central Zoo Authority subject to certain conditions. One of them is that the proposed facility is in the forest area and as such, clearance under Forest (Conservation) Act, 1980 should be first of all obtained by the zoo authorities.
2. The Technical Committee of the Central Zoo Authority has recommended the DPR of the proposed establishment of the Sagar Zoo and Rescue Centre in District Sagar, Madhya Pradesh for approval of the Central Zoo Authority subject to certain conditions. The proposed facility is in the forest area. As such, clearance under Forest(Conservation) Act, 1980 should be first of all obtained by the zoo authorities.
3. The Technical Committee of the Central Zoo Authority has recommended the proposed establishment of the Shahid Asfaq Ullah Khan Zoological Park, Gorakhpur, Uttar Pradesh for approval of the Central Zoo Authority subject to certain conditions.
4. The Technical Committee of the Central Zoo Authority has recommended the proposed establishment of the Mini Zoo at Holi, Himachal Pradesh for approval of the Central Zoo Authority subject to certain conditions.
5. The Technical Committee of the Central Zoo Authority decided to seek Action Taken Report from the Chief Wildlife Warden, Uttar Pradesh on the CZA's even letter dated 18.08.2017. The Committee opined that the Chief Wildlife Warden, Uttar Pradesh and the Member Secretary, CZA may take appropriate action as per rule on complaints on illegal operation of the Elephant Conservation & Care Centre, Mathura, Uttar Pradesh.

4.4 The new zoos given recognition

| Sl. | State | Zoo Name | Category | Recognition Date | Recognition Valid Upto |
|-----|---------|--|----------|------------------|------------------------|
| 1. | Gujarat | Ambardi Wildlife Interpretation Zone (Ambardi Safari Park), Amreli | Mini Zoo | 19-05-2017 | 18-05-2019 |

4.5 List of Zoos given Show-cause Notice

The zoos which were found not operating as per the standard and norms laid down under the Recognition of Zoo Rules, 2009 in spite of repeated directions from the CZA has been served Show Cause Notice to submit time bound commitment to bring about perceptible

improvements in their performance otherwise the CZA shall be compelled to cancel/ suspend their recognition keeping in view the welfare of the captive animals kept in the zoo. The operators of the following 40 zoos have been served Show Cause Notice:

| Sl. | State | Zoo Name | Category | Date of Show Cause |
|-----|-------------------|--|---------------|--------------------|
| 1. | Andhra Pradesh | Sri Venkateswara Zoological Park, Tirupati | Large Zoo | 19-09-2017 |
| 2. | | Karuna Wildlife Rescue and Rehabilitation Centre – Rayalaseema, Ananthapuram | Rescue Centre | 19-05-2017 |
| 3. | | G.V.K. Industries Deer Park, Jegurupadu | Mini Zoo | 19-09-2017 |
| 4. | | Deer Park, Chittoor, Chittoor (East) Division | Mini Zoo | 23-03-2018 |
| 5. | | Deer Park, NFCL Green Belt, Kakinada | Mini Zoo | 23-03-2018 |
| 6. | Arunachal Pradesh | Miao Mini Zoo, Miao | Mini Zoo | 23-03-2018 |
| 7. | | Mini Zoo, Roing | Mini Zoo | 23-03-2018 |
| 8. | | Centre For Bear Rehabilitation And Conservation, Pakke | Rescue Center | 23-03-2018 |
| 9. | Gujarat | Great Golden Circus, Ahmedabad | Circus | 19-05-2017 |
| 10. | Jharkhand | Birsa Mrig Vihar, Kalimati | Mini Zoo | 23-03-2018 |
| 11. | Karnataka | Deer Park At Shri Kshetra Sogal, Soudatti, Belgaun | Mini Zoo | 23-03-2018 |
| 12. | | Namadachilume Deer Park, Tumkur | Mini Zoo | 23-03-2018 |
| 13. | | Tungabhadra Dam Mini Zoo, Bellary | Mini Zoo | 23-03-2018 |
| 14. | | Mini Zoo A. M. Gudi Balvana, Chitradurga | Mini Zoo | 23-03-2018 |
| 15. | | Mini Zoo Cum Children Park, Gulbarga | Mini Zoo | 23-03-2018 |
| 16. | | Tiger & Lion Safari, Shimoga | Small Zoo | 23-03-2018 |

| Sl. | State | Zoo Name | Category | Date of Show Cause |
|-----|----------------|---|---------------|--------------------|
| 17. | Kerala | Kodanadu Zoo, Kodanadu | Mini Zoo | 23-03-2018 |
| 18. | | State Museum & Zoo, Thrissur | Medium Zoo | 23-03-2018 |
| 19. | | Parassinikkadavu Reptile Park, Kanur | Small Zoo | 23-03-2018 |
| 20. | Madhya Pradesh | Maharaja Martand Singh Judeo White Tiger Safari and Zoo, Mukundpur, Satna | Mini Zoo | 23-03-2018 |
| 21. | Maharashtra | Amtes Animal Ark, Gadchiroli | Rescue Center | 23-03-2018 |
| 22. | | Rescue Centre at Gorewada, Nagpur | Rescue Center | 23-03-2018 |
| 23. | | Mahatma Gandhi Rashtriya Udyan Zoo, Solapur | Small Zoo | 23-03-2018 |
| 24. | | Aurangabad Municipal Zoo, Aurangabad | Small Zoo | 23-03-2018 |
| 25. | | Maharajbag Zoo, Nagpur | Small Zoo | 23-03-2018 |
| 26. | Mizoram | Aizawl Zoo (Mizoram Zoo), Aizwal | Small Zoo | 23-03-2018 |
| 27. | Odisha | Indira Gandhi Park Zoo, Rourkela | Small Zoo | 23-03-2018 |
| 28. | | Kuanria Deer Park, Nayagarh Forest Division | Mini Zoo | 23-03-2018 |
| 29. | | Taptapani Deer Park, Parlakhemundi | Mini Zoo | 23-03-2018 |
| 30. | Punjab | Deer Park, Neelon, Ludhiana | Mini Zoo | 23-03-2018 |
| 31. | Rajasthan | Nahargarh Biological Park, Jaipur | Medium Zoo | 23-03-2018 |
| 32. | Tamil Nadu | V.O.C. Park Mini Zoo, Coimbatore | Medium Zoo | 23-03-2018 |
| 33. | Telangana | Kakatiya Zoological Park (Vanavigyan Kendra), Warangal | Small Zoo | 19-09-2017 |

| Sl. | State | Zoo Name | Category | Date of Show Cause |
|-----|---------------|--|---------------|--------------------|
| 34. | | Deer Park, Jawahar Lake Tourist Complex, Shamirpet | Mini Zoo | 23-03-2018 |
| 35. | | Deer Park, Kesoram Cement, Basantnagar | Mini Zoo | 23-03-2018 |
| 36. | | Kinnerasani Deer Park, Kinnersani | Mini Zoo | 19-09-2017 |
| 37. | Uttar Pradesh | Apollo Circus, Varanasi | Circus | 19-05-2017 |
| 38. | | Harinalaya at Eco Park (Nature Park At Taratola Road), Kolkata | Rescue Center | 23-03-2018 |
| 39. | West Bengal | North Bengal Wild Animals Park, Jalpaiguri | Mini Zoo | 19-05-2017 |
| 40. | | Sundarban Wild Animal Park, Jharkali, Dist.24 Parganas South | Mini Zoo | 19-05-2017 |

4.6 The zoos cancelled recognition

The zoos which were not operating as per the standards and norms laid down under the Recognition of Zoo Rules, 2009 in spite of repeated directions by the CZA, the recognition of such zoos has been cancelled by the CZA in the interests of the captive animals housed in those zoos. The 12 zoos whose recognition has been cancelled by the CZA are as follows:

| Sl. | State | The name of Zoo | Category | Date of cancellation |
|-----|----------------|--|---------------|----------------------|
| 1. | Andhra Pradesh | Karuna Wildlife Rescue and Rehabilitation Centre – Rayalaseema, Ananthapuram | Rescue Centre | 23-03-2018 |
| 2. | | G.V.K. Industries Deer Park, Jegurupadu | Mini Zoo | 23-03-2018 |
| 3. | Delhi | Bio-Diversity Park, President's Gardens, Rashtrapati Bhawan, New Delhi | NA | 23-03-2018 |
| 4. | Gujarat | Great Golden Circus, Ahmedabad | Circus | 19-09-2017 |

| Sl. | State | The name of Zoo | Category | Date of cancellation |
|-----|---------------|--|----------|----------------------|
| 5. | Jharkhand | Mugger Breeding Centre (Muta Zoo), Muta | Mini Zoo | 19-09-2017 |
| 6. | Odisha | H.A.L. Deer Park, Sunabeda, Koraput, Sunabeda | Mini Zoo | 23-03-2018 |
| 7. | Rajasthan | Panchwati Deer Park, Pilani | Mini Zoo | 23-03-2018 |
| 8. | | Safari Park, Haridasji-Ki-Magri, Udaipur | Mini Zoo | 23-03-2018 |
| 9. | Telangana | Deer Park - Tech Mahindra Technology Center, Ranga Reddy | Mini Zoo | 19-09-2017 |
| 10. | | Himayat Sagar Mini Zoo, Ranga Reddy | Mini Zoo | 19-09-2017 |
| 11. | Uttar Pradesh | Apollo Circus, Varanasi | Circus | 19-09-2017 |
| 12. | West Bengal | Asiad Circus, Kolkata | Circus | 23-03-2018 |

4.7 The Zoo physically closed

The zoos whose recognition were cancelled or they were operating without recognition of the CZA under Section 38 H of the Wild Life (Protection) Act, 1972 has been physically closed and their animals have been shifted to other recognized zoos or released in their wild habitat after following the protocol laid down in the matter by the International Union for Conservation of Nature (IUCN) and the CZA. The list of such 8 zoos is mentioned below:

| Sl. | State | Zoo Name | Category | Cancellation Date |
|-----|-----------|--|----------|-------------------|
| 1. | Delhi | Bio-Diversity Park, President's Gardens, Rashtrapati Bhawan, New Delhi | NA | 23-03-2018 |
| 2. | Rajasthan | Deer Park, Mrigvan Durg, Chittorgarh | Mini Zoo | 23-06-2005 |
| 3. | | Safari Park, Haridasji-Ki-Magri, Udaipur | Mini Zoo | 23-03-2018 |

| Sl. | State | Zoo Name | Category | Cancellation Date |
|-----|---------------|--|----------|-------------------|
| 4. | Telangana | Deer Park - Tech Mahindra Technology Center, Ranga Reddy | Mini Zoo | 19-09-2017 |
| 5. | | Himayat Sagar Mini Zoo, Ranga Reddy | Mini Zoo | 19-09-2017 |
| 6. | Uttar Pradesh | Deer Park, IFFCO Township, Aonla, Bareilly Uttar Pradesh | Mini Zoo | 03.03.2016 |
| 7. | | Apollo Circus, Varanasi | Circus | 19-09-2017 |
| 8. | West Bengal | Asiad Circus, Kolkata | Circus | 23-03-2018 |

4.8 List of the recognized zoos as on 31st March 2018

The zoos in India require recognition of the Central Zoo Authority for operation under the provisions of the Section 38 H(1) of the Wild Life (Protection) Act, 1972. No zoo in the country can be established without prior permission and can be operated without recognition from the Central Zoo Authority.

For the purpose of scientific management and operation of zoos in the country and regulation of the physical and human infrastructure in the zoos, the Government of India has laid down standard and norms under the Recognition of Zoo Rules, 2009. Accordingly, under Rule 9 of the Recognition of Zoo Rules, 2009 the zoos in India have been classified in the categories such as "Large, Medium, Small and Mini zoos". This classification of the zoos has been made for the purpose of management of the zoos and to apply the standards and norms pertaining to the housing, upkeep, veterinary care etc. The Rule 9 of the Recognition of Zoo Rules, 2009 lays down the criteria (area of the zoo, number of visitors, number of species and animals and number of animals of endangered species) for classification of the zoos. The zoo should meet at least any four of the aforesaid criteria (including total number of species, total number of endangered species and also total number of animals including that of endangered species housed by them) to be classified into any of the above mentioned four categories.

As on 31.03.2018, there are 160 zoos in the country recognized under the Section 38 H(1) of the Wild Life (Protection) Act, 1972. The classification of these zoos are 17 Large category zoos, 25 Medium category zoos, 35 Small category zoos and 83 Mini category zoos which includes 16 Rescue Centre also.

The list of the 160 recognized zoos in the country with their category is mentioned below:

| Category | State | Name of the Zoo | Location | |
|------------------------------------|----------------|--|---|-----------|
| Large zoo | Andhra Pradesh | Indira Gandhi Zoological Park | Visakhapatnam | |
| | | Sri Venkateswara Zoological Park | Tirupati | |
| | Assam | Assam State Zoo Cum Botanical Garden | Guwahati | |
| | Bihar | Sanjay Gandhi Biological Park | Patna | |
| | Delhi | National Zoological Park | Delhi | |
| | Gujarat | | Kamla Nehru Zoological Garden | Ahmedabad |
| | | | Sakkarbaug Zoo | Junagarh |
| | Karnataka | | Bannerghatta Biological Park | Bengaluru |
| | | | Dr. K. Shivarma Karanth Pililkula Biological Park | Mangalore |
| | | | Sri Chamarajendra Zoological Gardens | Mysuru |
| | Kerala | Thiruvananthapuram Zoo | Thiruvananthapuram | |
| | Odisha | Nandankanan Biological Park | Bhubaneshwar | |
| | Punjab | Mahendra Chaudhury Zoological Park | Chhatbir, Chandigarh | |
| | Tamil Nadu | Arignar Anna Zoological Park | Vandalur, Chennai | |
| | Telangana | Nehru Zoological Park | Hyderabad | |
| Uttar Pradesh | | Kanpur Zoological Park | Kanpur | |
| | | Nawab Wazid Ali Shah Zoological Garden | Lucknow | |
| Total of Large Category Zoo | | | 17 | |
| Medium Zoos | Chhattisgarh | Kanan Pandari Zoo | Bilaspur | |
| | | Maitri Baagh Zoo | Bhilai | |

| Category | State | Name of the Zoo | Location |
|-------------------------------------|----------------|---|----------------------|
| | | Nandanvan Jungle Safari (Naya Raipur) | New Raipur |
| | Gujarat | Dr. Shyamaprasad Mukharjee Zoological Garden | Surat |
| | | Indroda Nature Park | Gandhi Nagar |
| | | Rajkot Municipal Zoo | Rajkot |
| | | Sayaji Baug Zoo | Vadodara |
| | Jharkhand | Bhagwan Birsa Biological Park | Ranchi |
| | | Jawaharlal Nehru Biological Park | Bokaro |
| | | Tata Steel Zoological Park | Jamshedpur |
| | Kerala | State Museum & Zoo | Thrissur |
| | Madhya Pradesh | Kamla Nehru Prani Sanghralaya Zoo | Indore |
| | | Van Vihar National Park Zoo | Bhopal |
| | Maharashtra | Rajiv Gandhi Zoological Park And Wildlife Research Center | Pune |
| | | Veermata Jijabai Bhosale Udyan & Zoo | Mumbai |
| | Manipur | Manipur Zoological Garden | Iroisemba |
| | Nagaland | Nagaland Zoological Park, Rangapahar | Rangapahar |
| | Rajasthan | Nahargarh Biological Park (Jaipur Zoo) | Jaipur |
| | Tamil Nadu | Childrens Park | Guindy, Chennai |
| | | Madras Crocodile Bank Trust/ Centre For Herpetology | Mahabalipuram |
| | | V.O.C. Park Mini Zoo | Coimbatore |
| | Tripura | Sepahijala Zoological Park | Sepahijala, Agartala |
| | West Bengal | Alipore Zoological Garden | Kolkata |
| | | Jungle Mahal Zoological Park | Jhargram |
| | | Padmaja Naidu Himalayan Zoological Park | Darjeeling |
| Total of Medium Category Zoo | | | 25 |

| Category | State | Name of the Zoo | Location |
|-----------|---------------------------------|---|------------------|
| Small Zoo | Andaman & Nicobar Islands | Biological Park, Chidiyatapu | Port Blair |
| | Arunachal Pradesh | Biological Park, Itanagar | Itanagar |
| | Goa | Bondla Zoo | Usgao |
| | Haryana | Rohtak Zoo | Rohtak |
| | Himachal Pradesh | Dhauladhar Nature Park | Gopalpur |
| | | Himalayan Nature Park | Kufri |
| | Karnataka | Bellary Childrens Park-Cum-Zoo (Bellary Zoo) | Bellary |
| | | Children Park & Binkadakatti Zoo (Gadag Zoo) | Gadag |
| | | Tiger & Lion Safari | Shimoga |
| | Kerala | Parassinikkadavu Reptile Park | Kannur |
| | Madhya Pradesh | Gandhi Zoological Park | Gwalior |
| | Maharashtra | Aurangabad Municipal Zoo | Aurangabad |
| | | Maharajbag Zoo | Nagpur |
| | | Mahatma Gandhi Rashtriya Udyan Zoo | Solapur |
| | | Nisargakavi Bahinabai Choudhary Pranisanghalaya | Chinchiwad, Pune |
| | | Sanjay Gandhi National Park And Zoo | Borivali |
| | Meghalaya | Nehru Park Zoo, Danakgre, Tura | Akhongini Tura |
| | Mizoram | Aizawl Zoo (Mizoram Zoo) | Aizwal |
| Odisha | Indira Gandhi Park Zoo | Rourkela | |
| | Kapilash Zoo | Dhenkanal | |
| | Wild Animal Conservation Center | Mothijharan, Sambalpur | |
| Punjab | Deer Park, Bir Moti Bagh | Patiala | |

| Category | State | Name of the Zoo | Location | |
|-----------|------------------------------------|--|---|-----------------|
| Small Zoo | | (Patiala Zoo) | | |
| | | Ludhiana Zoo | Ludhiana | |
| | Rajasthan | | Kota Zoo | Kota |
| | | | Machia Biological Park (Jodhpur Zoo) | Jodhpur |
| | | | Marudhara Biological Park (Bikaner Zoo) | Bikaner |
| | | | Sajjangarh Biological Park (Udaipur Zoo) | Udaipur |
| | Sikkim | Himalayan Zoological Park, Bulbuley | Gangtok | |
| | Tamil Nadu | | Amirdhi Zoo | Vellore |
| | | | Chennai Snake Park Trust | Guindy, Chennai |
| | | | Kurumbapatti Zoological Park | Salem |
| | Telangana | Kakatiya Zoological Park (Vanavigyan Kendra) | Warangal | |
| | Uttarakhand | Pt. Govind Ballabh Pant High Altitude Zoo | Nainital | |
| | West Bengal | | Bardhaman Zoological Park (Ramnabagan Mini Zoo) | Burdwan |
| | | | Marble Palace Zoo | Kolkata |
| | Total of Small Category Zoo | | | 35 |
| Mini Zoo | Andhra Pradesh | Deer Park, Chittoor | Chittoor (East) Division | |
| | | Deer Park, Kandaleru | Kandaleru | |
| | | Deer Park, NFCL Green Belt | Kakinada | |
| | | G. V. K. Industires Deer Park | Jegurupadu | |
| | Arunachal Pradesh | Miao Mini Zoo | Miao | |
| | | Mini Zoo, Roing | Roing | |
| | Assam | Bijni Deer Park | Bongaigaon | |
| | Dadra & Nagar Haveli | Lion Safari - Vasona | Vasona | |
| | Delhi | A. N. Jha Deer Park | Hauz khas (New Delhi) | |

| Category | State | Name of the Zoo | Location |
|--|--|--|---------------------------|
| | Gujarat | Ambardi Wildlife Interpretation Zone (Ambardi Safari Park) | Amreli |
| | | Sundervan Nature Discovery Centre | Jodhpur Tekra (Ahmedabad) |
| | Haryana | Deer Park, Hissar | Hissar |
| | | Mini Zoo, Bhiwani | Bhiwani |
| | | Mini Zoo, Pipli | Pipli |
| | Himachal Pradesh | Renuke Mini Zoo | Sirmur |
| | | Rewalsar Mini Zoo | Mandi |
| | | Sarahan Phesantry | Sarahan |
| | Jammu & Kashmir | Jammu Zoo | Ramnagar (Jammu) |
| | Jharkhand | Birsa Mrig Vihar | Kalimati |
| | Karnataka | Deer Park at Shri Kshetra Sogal, Soudatti | Belgaun |
| | | Deer Park, N. M. D. C. Ltd. | Donimalai |
| | | Indira Priyadarshini Sangrahalaya, Anagodu | Davangere Taluk |
| | | Kittur Rani Chennamma Nisarg Dhama Mini Zoo | Belgaum |
| | | Mini Zoo A. M. Gudi Balvana | Chitradurga |
| | | Mini Zoo At Gendekatte | Hassan |
| | | Mini Zoo Cum Children Park | Gulbarga |
| | | Namadachilume Deer Park | Tumkur |
| | | Tungabhadra Dam Mini Zoo | Bellary |
| | Kerala | Kodanadu Zoo | Kodanadu |
| Lion Safari Park At Nayyar Dam (Nayyar Mini Zoo) | | Thirunvananthapuram | |
| Snake Park, Malampuzha | | Malampuzha | |
| Madhya Pradesh | Maharaja Martand Singh Judeo White Tiger Safari and Zoo, Mukundpur | Satna | |
| Maharashtra | Maharaja Shahaji Chhatrapati Zoo | Kolhapur | |

| Category | State | Name of the Zoo | Location |
|----------|---------------|---|-------------------------------------|
| | | Snake Park, Shikshan Mandal | Kolhapur |
| | Meghalaya | Lady Hydari Park Animal Land (Meghalaya Zoo) | Shillong |
| | Mizoram | Deer Park, Thenzawl | Thenzawl |
| | Odisha | Deer Park, Cuttack Municipal Corporation | Cuttack |
| | | Deer Park, Papadahandi | Nawarangpur |
| | | Gharial Research & Conservation Unit | Tikarpara |
| | | H. A. L. Deer Park, Sunabeda, Koraput | Sunabeda |
| | | Harishankar Deer Park | Balangir |
| | | Kuanria Deer Park, Nayagarh Forest Division | Nayagarh |
| | | Taptapani Deer Park | Parlakhemundi |
| | Punjab | Deer Park, Bir Talab | Bhatinda |
| | | Deer Park, Neelon | Ludhiana |
| | Rajasthan | Panchwati Deer Park | Pilani |
| | Tamil Nadu | Deer Park At Udthagamandalam (Ooty) | Udthagamandalam |
| | | Shivganga Garden Mini Zoo | Thanjavur |
| | Telangana | Deer Park, Kesoram Cement | Basantnagar |
| | | Deer Park, Jawahar Lake Tourist Complex | Shamirpet |
| | | Karimnagar Deer Park | Karimnagar |
| | | Kinnerasani Deer Park | Kinnersari |
| | | Pillalamarri Deer Park | Pillalamarri Complex, Mahabub Nagar |
| | | Sanghi Deer Park | Sanghi Nagar |
| | Uttar Pradesh | Lion Breeding Centre and Multiple Safari Park, Etawah | Etawah |

| Category | State | Name of the Zoo | Location |
|------------------|-----------------------------------|---|----------------------------|
| | | Nawabganj Deer Park | Unnao |
| | | Sarnath Deer Park | Varanasi |
| | | Van Prani Udyan, I.V.R.I. | Izatnagar, Bareilly |
| | | Vinod Van Mini Zoo, Ramgarh (Gorakhpur Zoological Park) | Gorakhpur |
| | Uttarakhand | Deer Park, Narain Tewari Dewal (Almora Zoo) | Almora |
| | | Malsi Deer Park (Dehra Dun Biological Park) | Dehradun |
| | West Bengal | Adina Deer Park | Malda |
| | | Gar Chumuk (Ulughata) Deer Park | Howrah |
| | | North Bengal Wild Animals Park | Jalpaiguri |
| | | Rasikbeel Mini Zoo | Cochbihar |
| | | Sundarban Wild Animal Park, Jharkali | Dist. 24 Parganas South |
| | | Surulia Mini Zoo, Purulia | Purulia |
| | Total of Mini Category Zoo | | |
| Rescue Center | Andhra Pradesh | Karuna Wildlife Rescue and Rehabilitation Centre - Rayalseema | Dist. Anantapur |
| | Arunachal Pradesh | Centre For Bear Rehabilitation And Conservation | Pakke |
| | Assam | Centre For Wildlife Rehabilitation And Conservation | Golaghat |
| | Haryana | Ch. Surinder Singh Elephant Rescue Centre | Basantour |
| | | Vulture Conservation Breeding Center | Pinjore |
| | | Wildlife Rescue Centre | Gurugram |
| | Himachal Pradesh | Nehru Pheasantary | Manali |
| | | Rescue And Rehabilitation Home | Tutikandi |
| Karnataka | People For Animals - Rescue | Bengaluru | |

| Category | State | Name of the Zoo | Location |
|-------------------------------|---------------|---|------------|
| | | Centre | |
| | Maharashtra | Amtes Animal Ark | Gadchiroli |
| | | Leopard Rescue Centre | Manikdoh |
| | | People For Animals, Shelter House | Wardha |
| | | Rescue Centre, Gorewada | Nagpur |
| | Uttar Pradesh | Agra Bear Rescue Facility | Agra |
| | West Bengal | Harinalaya at Eco Park (Nature Park, Taratola Road) | Kolkata |
| | | South Khairbari Rescue Centre | Madarihat |
| Total of Rescue Centre | | | 16 |

4.9 Exchange/Transfer of animals among recognized zoos approved by the CZA

During the financial year 2017-18, the CZA has approved 65 animal exchange proposals of various animal species between Indian Zoos. The thirteen animal exchange proposals of various animal species between Indian Zoos were deferred by the authority. It has also approved 6 exchange proposals pertaining to the Indian and foreign Zoos whereas five proposal were deferred.

4.9.1 Exchange of captive animals between Indian Zoos

The 65 numbers of animal exchange proposals between Indian Zoos has been approved by the authority as per the details given below:

| Sl. | Name of the Zoo and animals to be given | Name of the Zoo and animals to be given |
|-----|---|--|
| 1. | National Zoological Park, Delhi | Himalayan Nature Park, Kufri |
| | Himalayan goral | Himalayan goral |
| 2. | Nehru Zoological Park, Hyderabad | Zoological Garden, Thiruvananthapuram |
| | Asiatic lion | Lion tailed macaque |
| | | Brown rhea |
| | | White rhea |
| 3. | Pilikula Biological Park, Mangaluru, | Sajjangarh Biological Park, |

| Sl. | Name of the Zoo and animals to be given | Name of the Zoo and animals to be given |
|-----|---|---|
| | Karnataka | Udaipur, Rajasthan |
| | Hybrid lion 0:1 | Hybrid lion 1:0 |
| 4. | Nehru Zoological Park, Hyderabad | Arignar Anna Zoological Park, Chennai |
| | Indian mouse deer 2:3 | Lion-tailed macaque 1:0 |
| | Jungle cat 1:1 | Reticulated python 1:1 |
| 5. | Nehru Zoological Park, Hyderabad | Zoological Garden, Alipore, Kolkata |
| | Indian mouse deer Transponder number 982000410370783, 982000410370786, 982000410370787, 982000410370788, 982000410370789 & 982000410370790 3:3 | Salt water crocodile 1:1 |
| | Asiatic lion, Transponder number 006B743DC, 00071506E5.and(98200041037 0784, 982000410370785) 1:1 | |
| 6. | M.C. Zoological Park, Chhatbir, Punjab | Nahargarh Biological Park, Jaipur |
| | Spot billed Duck 0:0:4 | Indian wolf 1:2 |
| | Swamp deer 1:1 | |
| | Lady Amherst pheasant 1:1 | |
| 7. | North Bengal Wild Animals Park (Bengal Safari), Siliguri | Zoological Garden, Alipore, Kolkata |
| | Nil Nil | Grey peacock pheasant 2:0 |
| | | White peafowl 2:0 |
| | | Goffin's cockatoo 0:0:4 |
| | | Grey parrot 0:0:6 |
| | | Cockatiel (Grey) 0:0:20 |

| Sl. | Name of the Zoo and animals to be given | Name of the Zoo and animals to be given |
|-----|--|--|
| 8. | North Bengal Wild Animal Park, Siliguri | Padmaja Naidu Himalayan Zoological Park, Darjeeling |
| | Nil | Nil |
| 9. | North Bengal Wild Animals Park, Siliguri | National Zoological Park, Delhi |
| | Nil | Nil |
| 10. | Dr. Shyama Prasad Mukherjee Zoological Garden, Surat | Sri Sayajibaug Zoo, Vadodara |
| | Nil | Nil |
| 11. | Bannerghatta Biological Park, Bengaluru | Tiger & Lion Safari, Thyavarekoppa, Shimoga, |
| | Lion | 1:1:0 |
| 12. | NawabWajidAli Shah Zoological Garden, Lucknow | Van Prani Udyan, Indian Veterinary Research Institute, Izatnagar, |
| | Hog deer | 0:6:0 |
| 13. | Kanpur Zoological Park, Kanpur, Uttar Pradesh | Zoological Garden, Thiruvananthapuram |
| | Striped hyena | 1:1:0 |
| 14. | Alipore Zoological Garden, Alipore, Kolkata | North Bengal Wild Animals Park, Siliguri |
| | Marsh crocodile | 2:3:0 |
| 15. | Aizawl Zoological Park, Aizawl, Mizoram | Nehru Zoological Park, Hyderabad |
| | Asian brown Tortoise | 2:2:0 |
| | Stump tailed macaque | 2:2:0 |
| | Assamese macaque | 1:1:0 |
| 16. | Junglemahal Zoological Park, Jhargram, West Bengal | South Khairbari Leopard Safari & Rehabilitation Centre, Madarihat, West Bengal |
| | Nil | Nil |
| 17. | Sanjay Gandhi Biological Park, Patna | Padmaja Naidu Himalayan |

| Sl. | Name of the Zoo and animals to be given | Name of the Zoo and animals to be given |
|-----|---|--|
| | | Zoological Park, Darjeeling |
| | Jungle Cat 1:1:0 | Red Jungle Fowl 1:0:0 |
| | | Kalij Pheasant 1:0:0 |
| | | Golden Pheasant 6:6:0 |
| 18. | Sanjay Gandhi Biological Park, Patna | Van Vihar National Park Zoo, Bhopal |
| | Indian gaur 1:0:0 | Asiatic Lion(Sheru), Sire: Vishal, Dam: Sarswati 1:0:0 |
| 19. | Rajkot Zoological Park, Rajkot | Kamla Nehru Zoological Garden, Ahmedabad |
| | Asiatic lion(Shreya) 0:1:0 | Parakeet Alexandrine 3:3:0 |
| | Bengal tiger (White) 0:1:0 | Heron Night 5:5:0 |
| | | Ibis White 3:3:0 |
| | | Parakeet Rose ring 3:3:0 |
| | | Pelican Rosy 2:2:0 |
| | | Cockatiel 15:15:0 |
| | | Cormorant Little 3:3:0 |
| | | Cobra Indian 1:1:0 |
| | | Snake Keelbackcheckered 2:2:0 |
| | | Python Indian rock 2:2:0 |
| 20. | VJB Udyan & Zoo, Mumbai | Kanpur Zoological Park, Kanpur, |
| | Military Macaw 1:1:0 | Swamp Deer 1:1:0 |
| | Night Heron 3:3:0 | Civet Cat 1:1:0 |
| 21. | Tata Steel Zoological Park, Jamshedpur | North Bengal Wild Animals Park, Siliguri |
| | Hog deer 2:3:0 | Nil Nil |
| | Bengal tiger 1:0:0 | |
| | Spotted Deer 40:60:0 | |
| 22. | Tata Steel Zoological Park, Jamshedpur | Jungle Mahal Zoological Park, Jhargram |
| | Sambar 2:2:0 | Nil Nil |

| Sl. | Name of the Zoo and animals to be given | Name of the Zoo and animals to be given | | |
|-------------|---|---|----------------------|-------|
| 23. | Nandankanan Biological Park, Bhubaneswar | Sri Chamarajendra Zoological Gardens, Mysuru | | |
| | Chimpanzee | 0:2 | Giraffe | 1:1 |
| 24. | Sri Chamarajendra Zoological Gardens, Mysuru | State Zoo, Umtrew, Meghalaya | | |
| | Nil | Nil | Himalayan black bear | 1:0 |
| 25. | Sri Chamarajendra Zoological Gardens, Mysuru | Assam State Zoo cum Botanical Garden, Guwahati | | |
| | Bengal tiger | 1:0:0 | Great White pelicans | 2:2:0 |
| | Black buck | 1:1:0 | Brahminy shell duck | 1:1:0 |
| | Common peafowl | 0:2:0 | Barking deer | 2:2:0 |
| | | | Four horned antelope | 1:1:0 |
| | | | Brow antler deer | 1:1:0 |
| Leopard cat | | | 1:1:0 | |
| 26. | Nandanvan Zoo & Safari, New Raipur | KananPendari Zoological Garden, Bilaspur | | |
| | Ratel | 0:1:0 | Lion | 2:1:0 |
| | Four horned antelope | 2:2:0 | Nil | Nil |
| 27. | Zoological Garden, Alipore, Kolkata | Madras Crocodile Bank Trust, Mamallapuram | | |
| | Nil | Nil | Yellow anaconda | 0:0:4 |
| 28. | Indira Gandhi Zoological Park, Visakhapatnam | Pilikula Biological Park, Mangaluru | | |
| | Wild dog | 2:2:0 | Bengal tiger | 1:0:0 |
| | Painted stork | 2:3:0 | Marsh crocodile | 1:0:0 |
| | Alexandrine parakeet | 2:3:0 | Red jungle fowl | 0:4:0 |
| 29. | National Zoological Park, Delhi | M.C. Zoological Park, Chhatbir | | |
| | Hamadryas baboon | 1:0 | Hamadryas baboon | 1:0 |
| | Nilgai | 3:0 | Nilgai | 1:1 |
| | Hog deer | 2:0 | Hog deer | 2:0 |
| | Lion | 1:0 | | |
| 30. | Padmaja Naidu Himalayan Zoological Park, Darjeeling, West Bengal | Himalayan Zoological Park, Gangtok, Sikkim | | |

| Sl. | Name of the Zoo and animals to be given | Name of the Zoo and animals to be given |
|-----|---|--|
| | Blue sheep 0:1 | Nil Nil |
| 31. | Rajiv Gandhi Zoological Park, Pune | KananPendari Zoological Garden, Bilaspur |
| | Indian gazelle (Chinkara) 1:1 | Sloth bear 1:1 |
| 32. | Bannerghatta Biological Park, Bengaluru | Assam State Zoo cum Botanical Garden, Guwahati |
| | Bengal tiger (Microchip No. 00075F9F25) 1:0 | Leopard cat 2:2 |
| | Blackbuck 2:2 | |
| 33. | KananPendari Zoological Garden, Bilaspur | BhagwanBirsa Biological Park, Ranchi |
| | Bengal Tiger (white) 1:0 | Ostrich 1:2 |
| | Bengal tiger 0:1 | |
| 34. | Arignar Anna Zoological Park, Vandalur, Chennai | Bannerghatta Biological Park, Bengaluru |
| | Peafowl (white) 0:2 | Brow antlered deer 1:2 |
| | Painted stork 2:2 | Jungle cat 2:2 |
| 35. | Himalayan Nature Park, Kufri | Padmaja Naidu Himalayan Zoological Park, Darjeeling |
| | Himalayan monal 1:1 | Snow leopard 1:1 |
| | Cheer pheasant 1:1 | (Studbook No. Male – 2402, |
| | Kalij pheasant 1:1 | Female – 2540) |
| 36. | KananPendari Zoological Garden, Bilaspur, Chhattisgarh | Maharaja Martand Singh Judeo White Tiger Safari & Zoo Mukundpur, District Satna, Madhya Pradesh |
| | Lion 1:1 | Nil Nil |
| | Barking Deer 1:1 | |
| 37. | Sakkarbaug Zoo, Junagadh, Gujarat | Ambardi Wildlife Interpretation Zone (Ambardi Safari Park) at Dhari in Amreli District, Gujarat |
| | Asiatic lion 1:4 | Nil Nil |
| | Amiya | |

| Sl. | Name of the Zoo and animals to be given | Name of the Zoo and animals to be given | | |
|-----|--|---|------------------------|-----|
| | 00-06B7-5253, Malika 00-06B7-37E1 Geeta 00-0683-4524 Teeta 00-06B7-1773 Shiv 00-06B7- 3906 | | | |
| 38. | Machia Biological Park, Jodhpur, Rajasthan | Kanpur Zoological Park, Kanpur, Uttar Pradesh | | |
| | Indian gazelle | 2:6 | Tiger | 1:1 |
| | Wolf | 1:2 | Porcupine | 2:2 |
| | | | Palm Civet | 1:1 |
| 39. | KamlaNehruPraniSangrahalaya, Indore, Madhya Pradesh | Kamla Nehru Zoological Garden, Ahmedabad, Gujarat | | |
| | Common Indian Fox | 1:1 | Spoon bill white | 2:2 |
| | Barn Owl | 1:1 | Lory Chattering | 1:1 |
| | Striped hyena | 1:0 | | |
| 40. | Rajkot Zoological Park, Rajkot, Gujarat | Kamla Nehru Zoological Garden, Ahmedabad, Gujarat | | |
| | Nil | Nil | Duck Comb | 5:5 |
| | | | Peafowl White | 1:1 |
| 41. | National Zoological Park, New Delhi | Sepahijala Zoological Park, Sepahijala, Tripura | | |
| | White Tiger | 1:1 | Leopard Cat | 2:3 |
| | Peafowl Indian | 1:1 | Fishing Cat | 2:3 |
| | Hog Deer | 2:3 | Hornbill Oriental Pied | 1:1 |
| | Civet Indian Palm | 2:3 | Civet Indian Palm | 1:1 |
| | Golden Pheasant | 1:2 | Nil | Nil |
| 42. | Bannerghatta Biological Park, Bangalore, Karnataka | Sri Venkateswara Zoological Park, Tirupati, Andhra Pradesh | | |
| | Bengal tiger | 1:0 | Indian Porcupine | 2:4 |

| Sl. | Name of the Zoo and animals to be given | Name of the Zoo and animals to be given |
|-----|---|---|
| | Jungle Cat 1:1 | Hamadryads baboon 1:2 Chowsingha 0:1 Peafowl (white) 0:1 Grey Jungle fowl 3:3 White ibis 1:2 Painted Stork 2:2 |
| 43. | Nagaland Zoological Park, Nagaland | Assam State Zoo cum Botanical Garden, Guwahati, Assam |
| | Capped langur 0:1 | Capped langur 1:0 Common Leopard 0:1 |
| 44. | Nandanvan Zoo & Safari, Naya Raipur, Chhattisgarh | National Zoological Park, New Delhi |
| | Leopard 1:1 | Black buck 10:40 |
| 45. | Machia Biological Park, Jodhpur, Rajasthan | Sajjangarh Biological Park, Udaipur, Rajasthan |
| | Chinkara 2:4 | Nil Nil |
| 46. | Nandankanan Biological Park, Bhubaneswar, Odisha | Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka |
| | Mouse Deer 2:1 | Indian Grey Wolf 1:1 |
| 47. | KananPendari Zoological Garden, Bilaspur, Chhattisgarh | Sepahijala Zoological Park, Tripura |
| | Leopard 1:0 | Himalayan Black Bear 1:1 |
| | Common langur 1:2 | Leopard Cat 2:2 |
| 48. | Aizawl Zoological Park, Aizawl, Mizoram | Nandankanan Biological Park, Bhubaneswar, Odisha |
| | Himalayan black bear 0:1 | Nil Nil |
| | Wild dog 1:1 | |
| | Assamese macaque 1:1 | |
| 49. | KananPendari Zoological Garden, Bilaspur, Chhattisgarh | Nandanvan Zoo Raipur Jungle Safari, Naya Raipur, Chhattisgarh |
| | White Tiger 1:1 | Royal Bengal Tiger 1:1 |
| 50. | Rajiv Gandhi Zoological Park, Pune, Maharashtra | Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka |

| Sl. | Name of the Zoo and animals to be given | | Name of the Zoo and animals to be given | |
|-----|---|-------|--|-------|
| | Grey Wolf | 1:0 | Grey Wolf | 1:1 |
| | Jackal | 1:1 | Gaur | 0:1 |
| | African Grey Parrot | 0:0:2 | | |
| | Barn Owl | 0:0:2 | | |
| 51. | Kanpur Zoological Park, Kanpur, Uttar Pradesh | | Assam State Zoo cum Botanical Garden, Guwahati, Assam | |
| | Mugger | 2:2 | Chowsingha | 1:1 |
| | Gharial | 1:1 | Grey Pelican | 0:0:2 |
| | | | Brow Antlered Deer | 0:2 |
| 52. | Arignar Anna Zoological Park, Vandalur, Chennai, Tamil Nadu | | Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka | |
| | Lion Tailed Macaque | 1:0 | Striped Hyena | 2:2 |
| | Nilgiri Langur | 1:1 | Gaur | 1:0 |
| | White Tiger | 1:1 | Lady Amherst Pheasant | 1:1 |
| | Gaur | 1:0 | Jackal | 1:1 |
| | | | Golden Pheasant | 1:1 |
| | | | Sarus Crane | 1:1 |
| | | | Black Swan | 1:1 |
| | | | Eclectus Parrot | 1:1 |
| 53. | Jambu Zoo (Shivalik Biological Park), Khanpur, Nagrota, Jammu | | National Zoological Park, New Delhi | |
| | Leopard | 0:1 | Blackbuck | 4:6 |
| 54. | Dr. Shivram Karanth Pillikula Biological Park, Pillikula, Mangaluru | | Kanpur Zoological Park, Kanpur, Uttar Pradesh | |
| | Cobra | 4:4 | Hyena | 1:1 |
| | Russels Viper | 2:2 | | |
| 55. | South Khairbari Leopard Safari & Rescue Centre (Mini Zoo), West Bengal | | North Bengal Wild Animals Park, Siliguri, West Bengal | |
| | Leopard, | 2:0 | Nil | Nil |
| 56. | Rasikbeel Mini Zoo, Coochbehar, West Bengal | | North Bengal Wild Animals Park, Siliguri, West Bengal | |
| | Leopard | 0:2 | Nil | Nil |
| 57. | Sanjay Gandhi Biological Park, Patna, | | National Zoological Park, New Delhi | |

| Sl. | Name of the Zoo and animals to be given | | Name of the Zoo and animals to be given | |
|-----|--|-----|--|------------|
| | Bihar | | | |
| | Greater one horned Rhinoceros ('Ayodhya'; ZS No. R-Pat-13, IS No. 202) | 1:0 | Greater one horned Rhinoceros ('Maheshwari; Local ID No. 10003) | 0:1 |
| | | | Manipur Deer / Sangai | 2:4 |
| 58. | Alipore Zoological Gardens, Kolkata, West Bengal | | Madras Crocodile Bank Trust, Mamallapuram, Tamil Nadu | |
| | Nil | Nil | Monocellate Cobra | 2:2 |
| | | | Banded krait | 2:2 |
| 59. | Pilikula Biological Park, Mangalore, Karnataka | | Arignar Anna Zoological Park, Vandalur, Chennai, Tamil Nadu | |
| | King Cobra | 1:1 | Indian Gaur | 1:1 |
| | | | Painted Stork | 0:0:1 0 |
| | | | Reticulated Python | 1:1 |
| 60. | Gandhi Zoological Park, Gwalior | | Maharaja Martand Singh Judeo White Tiger Safari & Zoo Mukundpur | |
| | Barking deer | 1:1 | Nil | |
| 61. | National Zoological Park, New Delhi | | NawabWazid Ali Shah Zoological Garden, Lucknow, Uttar Pradesh | |
| | White Tiger | 0:1 | White Tiger | 1:0 |
| 62. | Tiger and Lion Safari, Thyavarekoppa, Shimoga, Karnataka | | Kamla Nehru Zoological Garden, Ahmedabad, Gujarat. | |
| | Leopard | 3:3 | Nil | Nil |
| 63. | Matribag Zoo, Bhilai, Chattisgarh | | Maharaja Martand Singh Judeo White Tiger Safari & Zoo Mukundpur, District Satna, Madhya Pradesh | |
| | White tiger | 1:1 | Nil | Nil |
| | Sambar | 1:1 | | |
| 64. | National Zoological Park, New Delhi | | Sri Chamarajendra Zoological | |

| Sl. | Name of the Zoo and animals to be given | Name of the Zoo and animals to be given |
|-----|--|---|
| | | Gardens, Mysuru, Karnataka |
| | Lion Tailed Macaque 1:0 | Lion Tailed Macaque 0:1 |
| | Four Horned Antelope 1:0 | Four Horned Antelope 1:1 |
| | Indian Grey Wolf 1:0 | Indian Grey Wolf 1:1 |
| | Black Buck (White) 2:3 | White Peafowl 1:1 |
| | Barn Owl 1:1 | Red Avadavat 2:3 |
| | Hamadryas Baboon 1:0 | Himadryas Baboon 0:1 |
| | Silver Pheasant 1:0 | |
| | Golden Pheasant 1:0 | |
| 65. | National Zoological Park, New Delhi | Bondla Zoo, Usgao, Goa |
| | Hippopotamus (Zoo ID: 1040001) 1:1 | Nil Nil |

4.9.2 Exchange proposal between Indian and foreign Zoos

During the financial year 2017-18, six exchange proposals between Indian and Foreign Zoos have been approved as per the details given in table below:

| Sl. | Name of the Zoo and animals to be given | Name of the Zoo and animals to be given |
|-----|--|--|
| 1. | Tama Zoological Park (Japan National Zoo), Hodokubo, Hino-Shi, Tokyo, Japan | Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh, India |
| | Greater flamingo 10:10 | Nil Nil |
| 2. | Centre for Herpetology, Madras Crocodile Bank Trust, Mamallapuram, Tamil Nadu | Kadoorie Zoo and Botanical Gardens |
| | Nil Nil | Black pond turtle / Spotted pond turtle 10:30 |
| 3. | Padmaja Naidu Himalayan Zoological Park, Darjeeling | Berlin Tp / Tierpark Berlin Friedrichsfelde GmbH, Germany |
| | Red panda 1:1:0 | Mishmi takin 3:2:0 |
| 4. | Bannerghatta Biological Park, | Induna Primate & Parrot Park, South |

| | Bengaluru | | Africa | |
|----|---|-------|---|-----|
| | | | African lion | 1:1 |
| | | | Elands | 2:3 |
| 5. | Bannerghatta Biological Park, Bengaluru | | Serengeti Park, HodenghagenGmbH, Germany | |
| | Hamadryas baboon | 2:3 | | |
| 6. | Arignar Anna Zoological Park, Chennai, Tamil Nadu, India | | Vinpearl Safari & Conservation Park, KienGiang Province, Vietnam | |
| | Indian Gaur | 2:3 | Plain Zebra | 2:4 |
| | Swamp deer | 1:2 | Siamese crocodile | 2:0 |
| | Grey pelican | 0:0:8 | | |

4.9.3 Proposals for transfer of animals from/ or to Indian zoos

The Central Zoo Authority, other than above animal exchange proposals, has also approved the following proposal for transfer of animals from/ or to Indian zoos:

1. The Nawab Wajid Ali Shah Zoological Garden, Lucknow has been permitted to release 45 Male : 55 Female of Spotted deer and 3 Male : 13 Female of Hog deer to various forest areas in Uttar Pradesh.
2. The over-crowded and excess 2 Male : 8 Female Leopards from the Tiger & Lion Safari, Thyavarekoppa, Shivamogga has been permitted to be shifted to the Rescue Centre at Mysuru and Bengaluru.
3. The permission has been granted to house and display rescued Leopards (1 Male : 1 Female) in the Dhauladhar Nature Park, Gopalpur, Himachal Pradesh.
4. The permission has been granted to release Blackbucks (10 Male : 40 Female) from the Nandanvan Zoo & Safari, Raipur, Chhattisgarh to the Barnawapara Wildlife Sanctuary, Chhattisgarh.
5. The permission has been granted to release 30 Blackbucks from the Kanan Pendari Zoological Garden, Bilaspur, Chattisgarh to the Barnawapara Wildlife Sanctuary, Chhattisgarh.
6. The permission has been granted to release 50 Spotted deer (22 Male : 02 Female : 26 Unsexed) from the Kanan Pendari Zoological Garden, Bilaspur, Chhattisgarh to the Achanakmar Tiger Reserve, Gurughasidas National Park and the Tamor Pingla Wildlife Sanctuary in the State of Chhattisgarh.

7. The National Zoological Park, New Delhi has been granted permission for soft-release of the surplus population of prolifically breeding species which are Spotted deer (*Axis axis*) [20 Male : 30 Female], Blackbucks (*Antelope cervicapra*) [33 Male : 15 Female : 12 Unsexed], Sambar (*Rucervus unicolor*) [10 Male : 30 Female] and Nilgai (*Boselaphus tragocamelus*) [1 Male : 2 Female] in the Protected Areas of the neighbouring states.
8. The NOC has been granted to the proposal from the Chief Wildlife Warden, Bihar to re-introduce captive bred One-horned Rhinoceros (*Rhinoceros unicornis*) from the Sanjay Gandhi Biological Park, Patna to the Valmiki Tiger Reserve subject to the approval of the National Tiger Conservation Authority and other statutory authorities.
9. The permission was granted to shift 106 Spotted deer from the Bio-Diversity Park, President's Garden, Rashtrapati Bhawan, New Delhi to the Mukundra Hills Tiger Reserve, Kota, Rajasthan.

4.10 Improved Planning Process of Zoos

As per the provisions under Rule 10.3 (1) of the Recognition of Zoo Rules, 2009, the recognized zoos in the country has to prepare a Master Plan of the zoo for its long term development and it should be got approved from the Central Zoo Authority. This Master Plan is prepared for a period of twenty years and it may be revised after ten years as per the necessity. This provision has been made for planned development of the zoo on scientific lines. The Central Zoo Authority has provided financial assistance to the zoos for the preparation of their Master Plans. As such, the recognized zoos in the country prepare their Master Plans for long term development and get it approved by the Central Zoo Authority.

4.10.1 Master Plan

The Central Zoo Authority has approved Master Plan of one Zoo during the current financial year as per details given below:

| S. No. | Name of the Zoo |
|--------|--|
| 1. | Elephant Rescue and Rehabilitation Centre at Pingla in Surajpur Forest Division, Surguja Forest Circle, Chhattisgarh |

4.10.2 Master (Layout) Plan

The Master (Layout) Plan is a part of the Master Plan of the zoo which indicates the location of various infrastructure and facilities of the zoo. The Central Zoo Authority has approved 18 Master (Layout) Plans of the following zoos till 31st March 2018:

| S. No. | Name and location of the Zoo |
|--------|--|
| 1. | Rohtak Zoo, Rohtak, Haryana (Revised) |
| 2. | Rewalsar Mini Zoo, Mandi, Himachal Pradesh (Revised) |
| 3. | Elephant Rescue and Rehabilitation Centre at Pingla in Surajpur Forest Division, Surguja Forest Circle, Chhattisgarh |
| 4. | Manipur Zoological Garden, Iroisemba (Revised) |
| 5. | Machia Biological Park, Jodhpur, Rajasthan (Revised) |
| 6. | Trichy Zoo, Trichy, Tamil Nadu |
| 7. | Rajkot Zoological Park, Rajkot, Gujarat (Revised) |
| 8. | Gandhi Zoological Park, Gwalior, Madhya Pradesh (Revised) |
| 9. | Patiala Zoo, Patiala, Punjab (Revised) |
| 10. | Surulia Mini Zoo, Surulia, West Bengal (Revised) |
| 11. | Garchumuk Deer Park, Howrah, West Bengal (Revised) |
| 12. | Sundarban Wild Animals Park, Jharkhali, West Bengal |
| 13. | Bardhman Zoological Park, Bardhman, West Bengal (Revised) |
| 14. | Rasik Beel Mini Zoo, Cooch Behar, West Bengal |
| 15. | Zoological Garden, Thiruvananthapuram, Kerala (Revised) |
| 16. | Deer Park, Hissar, Haryana (Revised) |
| 17. | Shaheed Ashfaque Ullah Khan Zoological Park, Gorakhpur, Uttar Pradesh (Revised) |
| 18. | Pheasantry, Sarahan, Himachal Pradesh (Revised) |

4.11 Others

4.11.1 Re-development & Shifting of the CZA's Website

The Central Zoo Authority website is being hosted on National Informatics Centre (NIC) shared hosting server. The website needs to be shifted to Government of India Cloud environment called "Meghraj" from shared hosting environment due to cyber-attack concerns.

The Central Zoo Authority has initiated the process of re-development of its new website through the National Informatics Centre, New Delhi, Government of India.

4.11.2 Utilization Certificates

There were large numbers of pending utilisation certificates with zoos for the grants released by the CZA from year 2004-2005 to 2014-2015. It was observed that UCs for an amount of Rs. 20,20.02 lakhs are pending with 53 zoos/ institutions. The office of the CZA initiated efforts to examine each case of the pending UCs and reconcile with the grantee zoos. As a result, out of 53 pending UCs, all but four has been settled. The CZA has been able to recover an amount of Rs. 1.95 Crores (Rs. 93,30,437 during financial year 2016-17 and Rs. 1,02,25,195 during financial year 2017-18) from them. This amount was not utilised by the zoo/ institution.

5.0 Maintenance of Studbooks

The Central Zoo Authority has granted a project titled "Development and Maintenance of Studbooks for Selected Endangered Species in Indian Zoos" to the Wildlife Institute of India, Dehradun. Under the project the Wildlife Institute of India, Dehradun has been assigned the work of preparation, updation and maintenance of National Studbooks/ Herd books of the identified endangered wild animal species listed in Schedule I and II of Wild Life (Protection) Act, 1972 housed in Indian zoos.

The Central Zoo Authority and the Wildlife Institute of India (WII), Dehradun have signed MoU on 27.03.2012 for preparation, updation and maintenance of National Studbooks/ Herd-books of identified endangered species of captive animals housed in Indian Zoos. Under the MoU, the WII shall execute the work of updation and maintenance of existing Studbooks of 14 species which include Royal Bengal Tiger, Asiatic lion, Lion tailed macaque, One-horned rhinoceros, Hoolock gibbon, Wild ass, Gaur, Tibetan wolf, Nilgiri langur, Wild dog, Red panda, Snow leopard, Clouded leopard and Grey Peacock Pheasant.

In addition, the Wildlife Institute of India, Dehradun shall prepare, update and maintain National Studbooks/ Herd-books of 20 endangered wild animal species in captivity such as Chinkara, Grey wolf, Golden langur, Indian pangolin, White backed vulture, Long billed vultures, Slender billed vulture, Nicobar pigeon, Pig tailed macaque, Serow, Spectacle langur, Swamp deer, Cheer pheasant, Himalayan monal, Western tragopan, Chousinga, Mouse deer, Stump-tailed macaque, Sangai and Blue sheep.

The Central Zoo Authority conducted a review meeting of the aforesaid project during previous year held on 20th July, 2016. It was observed that the progress towards achieving the objectives of the project was very slow and not satisfactory. It was decided that the Wildlife Institute of India should speed up the preparation and updation of Studbook for all the species on priority basis and all the studbooks shall be submitted to the Central Zoo Authority so that they may be uploaded on the website of CZA. To assess the progress made after the said review meeting by the research team, Stud book Project, Wildlife Institute of India, Dehradun again a meeting was held on 19.03.2018 at the office of the Central Zoo Authority with the Principal Investigator, Studbook Project & his team. It is evident from the table below that a tremendous achievement has been made and all the Studbooks of 34 species has been updated and prepared once. A comparative statement of the work done in between the period after review meeting on 20.07.2016 upto 19.03.2018 is indicated below:

Preparation, updation and Maintenance of studbook for new species (from 2012-13)

| Sl. | Species | Progress made upto review meeting on 20 July, 2016 | | Progress made upto 19 March, 2018 | |
|-----|---------------------|--|--------------------|--|------------------------|
| | | Status of studbook | Annual updation | Status of studbook | Annual updation |
| 1. | Indian Tiger | Not updated till date | nil | Updated once | Needs further updation |
| 2. | Asiatic Lion | Data upto Dec., 2013 & published in May, 2014 | Updation done once | Updated once | Needs further updation |
| 3. | Lion Tailed Macaque | Data upto June, 2015 & published in July 2015 | Updation done once | Updated once | Needs further updation |
| 4. | Indian Rhinoceros | Not updated till date | nil | Data upto date not mentioned & published in Dec., 2016 | Needs further updation |
| 5. | Hoolock Gibbon | Data upto March, 2015 & published in April, | Updation done once | Updated once | Needs further |

| Sl. | Species | Progress made upto review meeting on 20 July, 2016 | | Progress made upto 19 March, 2018 | |
|-----|-----------------------|--|--------------------|--|------------------------|
| | | Status of studbook | Annual updation | Status of studbook | Annual updation |
| | | 2015 | | | updation |
| 6. | Wild Ass | Data upto Dec., 2015 & published April, 2016 | Updation done once | Updated once | Needs further updation |
| 7. | Gaur | Data upto May, 2015 & published in June, 2015 | Updation done once | Updated once | Needs further updation |
| 8. | Tibetan Wolf | Data upto Dec., 2013 & published in Aug., 2014 | Updation done once | Updated once | Needs further updation |
| 9. | Nilgiri Langur | Data upto Dec, 2014 & published in March, 2015 | Updation done once | Updated once | Needs further updation |
| 10. | Wild Dog | Not updated till date | nil | Data upto date not mentioned & published in Jan., 2017 | Needs further updation |
| 11. | Red Panda | Data upto Dec., 2013 & published in May, 2014 | Updation done once | Updated once | Needs further updation |
| 12. | Snow Leopard | Data upto Dec., 2014 & published in Feb., 2015 | Updation done once | Updated once | Needs further updation |
| 13. | Clouded Leopard | Data upto June, 2014 & published in Nov., 2014 | Updation done once | Updated once | Needs further updation |
| 14. | Grey Peacock Pheasant | Data upto March, 2016 & published in April, 2016 | Updation done once | Updated once | Needs further updation |

Preparation, updation and Maintenance of studbook for new species (from 2012-13)

| Sl. | Species | Progress made upto review meeting on 20 July, 2016 | | Progress made upto 19 March, 2018 | |
|-----|------------------------|--|--|---|----------------------|
| | | Status of studbook | data entry, preparation of studbook and continue addition of animals | Status of studbook | Annual updation |
| 1. | Chinkara | Not prepared | nil | Data upto date not mentioned & published in March, 2017 | Needs updation |
| 2. | Grey Wolf | Not prepared | nil | Data upto Sep., 2017 & published in Aug., 2017 | Needs updation |
| 3. | Golden Langur | Data upto Dec., 2013 & published in March, 2014 | 23.04.2014 | Prepared once | Needs updation |
| 4. | Indian Pangolin | Data upto Nov., 2015 & published in Feb., 2016 | 31.03.2016 | Prepared once | Needs updation |
| 5. | White Backed Vulture | Not prepared | nil | Data upto Nov., 2015 & published in Feb., 2016 | Needs updation |
| 6. | Long billed vulture | Not prepared | nil | Data upto Nov., 2015 & published in Feb., 2016 | Needs updation |
| 7. | Slender Billed Vulture | Not prepared | nil | Data upto Nov., 2015 & published in Feb., 2016 | Not updated annually |
| 8. | Nicobar | Not prepared | nil | Data upto Nov., | Needs |

| Sl. | Species | Progress made upto review meeting on 20 July, 2016 | | Progress made upto 19 March, 2018 | |
|-----|--------------------|--|--|--|-----------------|
| | | Status of studbook | data entry, preparation of studbook and continue addition of animals | Status of studbook | Annual updation |
| | Pigeon | | | 2017 & published in Aug., 2017 | updation |
| 9. | Pig Tailed Macaque | Data upto Dec., 2013 & published in March, 2014 | 23.04.2014 | Prepared once | Needs updation |
| 10. | Himalayan Serow | Data upto March, 2016 & published in June, 2016 | 20.07.2016 | Prepared once | Needs updation |
| 11. | Spectacle Langur | Data upto Dec., 2013 & published in March, 2014 | 22.09.2014 | Prepared once | Needs updation |
| 12. | Swamp Deer | Not prepared | nil | Data upto Oct., 2017 & published in Aug., 2017 | Needs updation |
| 13. | Cheer pheasant | Data upto Dec., 2015 & published in May, 2016 | 06.06.2016 | Prepared once | Needs updation |
| 14. | Himalayan monal | Data upto March, 2016 & published in June, 2016 | 05.07.2016 | Prepared once | Needs updation |
| 15. | Western Tragopan | Data upto Nov., 2015 & published in Jan., 2016 | 06.01.2016 | Prepared once | Needs updation |
| 16. | Chousingha | Not prepared | nil | Data upto date not mentioned & | Needs updation |

| Sl. | Species | Progress made upto review meeting on 20 July, 2016 | | Progress made upto 19 March, 2018 | |
|-----|----------------------|--|--|--|-----------------|
| | | Status of studbook | data entry, preparation of studbook and continue addition of animals | Status of studbook | Annual updation |
| | | | | published in Feb., 2018 | |
| 17. | Mouse Deer | Not prepared | nil | Data upto date not mentioned & published in Aug., 2017 | Needs updation |
| 18. | Stump Tailed Macaque | Data upto Dec., 2013 & published in March, 2014 | 26.05.2014 | Prepared once | Needs updation |
| 19. | Sangai | Not prepared | nil | Prepared once | Needs updation |
| 20. | Blue Sheep | Data upto Oct., 2014 & published in Jan, 2015 | 09.02.2015 | Prepared once | Needs updation |

Further, it was decided that the studbook of all 34 species shall be updated as per the Animal Inventory of captive animals of the zoos in the country with the Central Zoo Authority for the year 2017-18 on priority basis. The Wildlife Institute of India shall submit all the updated studbook of 34 identified species by the end of the project duration which is June 2018.

6.0 Conservation Breeding Programme

The Central Zoo Authority has identified 73 endangered wild animal species for planned Conservation Breeding. The Conservation Breeding Programme has been launched for the 23 species in the identified zoo who has been designated as Co-ordinating/ Participating zoos for the concerned endangered species. Target is to have at least 100 properly bred and genetically, physically and behaviorally healthy individuals of each targeted species in captivity in India for proper display and as insurance for future exigencies & ultimately release back to wild.

6.1 Financial Assistance to the Conservation Breeding Centres

The Central Zoo Authority has provided the financial assistance for carrying forward the Conservation Breeding Programme of various species at identified zoos. During the financial year 2017-18, the CZA has approved the financial assistance for carrying forward the conservation breeding programme for Blyth's tragopan at Kohima; Vultures & Mouse deer at Nehru Zoological Park, Hyderabad and Clouded leopard, Binturong, Phyre's leaf monkey and Pig tailed Macaque at Sepahijala Zoological Park, Agartala and Hoolock gibbon at Biological Park, Itanagar.

Details of the financial assistance provided under the Conservation Breeding Programme for new and ongoing projects during the financial year 2017-18 is given below:

| Sl. | Zoo | Species | Activity | Amount (₹ in lakhs) |
|-----|-------------------------------------|---------------------|---|---------------------|
| 1. | Nehru Zoological Park, Hyderabad | Mouse Deer | Feed & upkeep of animals, animal keeper wages, Maintenance of Conservation Breeding Centre etc. | 12.80 |
| 2. | | Vulture | Upkeep of animals, salary of Biologist, salary of animal keeper for maintenance of Conservation Breeding Centre | 11.39 |
| 3. | Nagaland Zoological, Dimapur | Blyth's tragopan | Maintenance of Conservation Breeding | 8.74 |

| Sl. | Zoo | Species | Activity | Amount (₹ in lakhs) |
|-----|--------------------------------------|--|---|------------------------|
| | | | Centre | |
| 4. | Sepahijala Zoological Park, Agartala | Clouded leopard, Phayres leaf monkey, pig tailed macaque & Binturong | Salary of Biologist, salary of animal keepers, Feed and upkeep, maintenance of Conservation Breeding Centres of all four species etc. | 9.50 |
| 5. | Biological Park, Itanagar | Hoolock Gibbon | Salary of Biologist, salary of animal keeper for maintenance of Conservation Breeding Centre | 25.88 |

The Vulture, Mouse deer, Cheer pheasant and red panda etc. are species breeding well in the captivity. The captive bred Red panda was released back in the wild in the past. The Vulture has been soft released in June, 2016 and few birds are going to be released back in the wild soon after radio tagging the birds. Similarly, a few numbers of Mouse deer has been restocked in the Amrabad Tiger Reserve, Telangana and are being monitored. The soft release plan has been almost finalized and the species is ready to be released in the wild in near future.

The results of the efforts of the last five years in the direction of conservation breeding of endangered species has been depicted below in the tabular form in respect of few species:

Deer Mouse (*Moschiola meminna*)

| Year | Male | Female | Unsex | Total |
|-----------|------|--------|-------|-------|
| 2013-2014 | 27 | 41 | 9 | 77 |
| 2014-2015 | 29 | 44 | 42 | 115 |
| 2015-2016 | 40 | 41 | 82 | 163 |
| 2016-2017 | 80 | 61 | 81 | 222 |
| 2017-2018 | 93 | 66 | 93 | 252 |

Lion-tailed macaque (*Macaca Silenus*)

| Year | Male | Female | Unsex | Total |
|-----------|------|--------|-------|-------|
| 2013-2014 | 27 | 25 | 8 | 60 |
| 2014-2015 | 27 | 25 | 9 | 61 |
| 2015-2016 | 24 | 22 | 9 | 55 |
| 2016-2017 | 24 | 23 | 6 | 53 |
| 2017-2018 | 20 | 22 | 7 | 49 |

Snow Leopard (*Uncia uncia*)

| Year | Male | Female | Unsex | Total |
|-----------|------|--------|-------|-------|
| 2013-2014 | 5 | 5 | 5 | 15 |
| 2014-2015 | 4 | 10 | 0 | 14 |
| 2015-2016 | 1 | 9 | 0 | 10 |
| 2016-2017 | 3 | 9 | 0 | 12 |
| 2017-2018 | 3 | 9 | 0 | 12 |

Panda Red / Lesser (*Ailurus fulgens fulgens*)

| Year | Male | Female | Unsex | Total |
|-----------|------|--------|-------|-------|
| 2013-2014 | 15 | 8 | 4 | 27 |
| 2014-2015 | 13 | 13 | 0 | 26 |
| 2015-2016 | 14 | 9 | 3 | 26 |
| 2016-2017 | 10 | 11 | 2 | 23 |
| 2017-2018 | 8 | 11 | 5 | 24 |

Western Tragopan (*Tragopan melanocephalus*)

| Year | Male | Female | Unsex | Total |
|-----------|------|--------|-------|-------|
| 2013-2014 | 11 | 9 | 9 | 29 |
| 2014-2015 | 17 | 14 | 0 | 31 |

| | | | | |
|-----------|----|----|---|----|
| 2015-2016 | 16 | 13 | 0 | 29 |
| 2016-2017 | 16 | 11 | 0 | 27 |
| 2017-2018 | - | - | - | - |

Cheer pheasant (*Catreus wallichii*)

| Year | Male | Female | Unsex | Total |
|-----------|------|--------|-------|-------|
| 2013-2014 | 24 | 14 | 0 | 38 |
| 2014-2015 | 22 | 13 | 0 | 35 |
| 2015-2016 | 17 | 27 | 0 | 44 |
| 2016-2017 | 18 | 26 | 0 | 44 |
| 2017-2018 | 8 | 8 | 3 | 19 |

7.0 Human Resource Development

7.1 Training, Seminar and Workshop

The Central Zoo Authority organizes the training/ workshop/ seminar etc. for the various levels of zoo personnel for their capacity building every year. During the financial year 2017-18, the following training programmes for the human resource development in the zoos were organized by the Central Zoo Authority in association with various zoos:

| Sl. No. | Training/ workshop | Venue | Dates of training | Target of participants | Actual participants |
|---------|---|--|-----------------------------------|------------------------|-------------------------|
| 1 | Annual conference of Indian Zoos for the year 2017-18 | Sri Chamarajendra Zoological Garden, Mysuru, Karnataka | 18 to 21 December, 2017 | 30 | 25 from 25 various zoos |
| 2 | Capacity Building of Indian Zoo Veterinarians | National Zoological Park, New Delhi | 11 to 19 Sep. 2017 in two batches | 35 | 35 from 35 various zoos |
| 3 | Middle level official training | Sanjay Gandhi Biological Park, Patna | 11 to 14 Dec. 2017 | 30 | 23 from 19 various zoos |
| 4 | Zoo keeper training for north-east | Nagaland Zoological Park, | 20to 25 November, | 30 | 24 from 10 various zoos |

| Sl. No. | Training/ workshop | Venue | Dates of training | Target of participants | Actual participants |
|---------|--------------------------------------|--|-------------------------|------------------------|-------------------------|
| | region | Dimapur | 2017 | | |
| 5 | Zoo keeper training for south region | Arignar Anna Zoological Park, Vandalur | 10 to 15 February, 2018 | 30 | 29 from 15 various zoos |
| 6 | Zoo keeper training for west region | Sakkarbaug Zoo, Junagadh, Gujarat | 19 to 25 February, 2018 | 30 | 34 from 26 various zoos |
| 7 | Zoo keeper training East region | Nandankanan Biological Park, Bhubaneswar, Odisha | 20 to 25 March, 2018 | 30 | 29 from 22 various zoos |
| 8 | Zoo keeper training East region | M. C. Zoological Park, Chhatbir | To be organized | 30 | NA |

7.2 Zoological Information Management System (ZIMS)

It is mandatory under Rule 10 (42) of the Recognition of the Zoo Rules, 1992 that the every Zoo should keep a record of the birth, acquisitions, disposals (death/ transfer/ exchange) of the wild animals and birds listed in the various Schedules of the Wild Life (Protection) Act, 1972 and submit the same to the Central Zoo Authority by 30th April of the every year.

Keeping above in view and to raise the standard of record keeping in Indian zoos to international standards, the Central Zoo Authority explored the possibility of joining the Species 360 {(erstwhile International Species Information System (ISIS))} during the year 2007. The Central Zoo Authority approached Species 360 for details. It was planned to initiate the ZIMS software in the selected zoos in the country, first by subscribing services of Species 360 by the Central Zoo Authority. Afterwards, the Central Zoo Authority shall withdraw and the large zoos followed by medium and small zoo in the country shall join the ZIMS and use it.

The Species360 [erstwhile International Information Species System (ISIS)] is a nonprofit entity. It maintains computer based information system since 1989 used by the worldwide Zoo community. The organization provides its members with zoological data collection and management software called ZIMS - the *Zoological Information Management*

System (ZIMS). Its members use the basic biological information (age, sex, parentage, place of birth, circumstances of death etc.) collected in the ZIMS software system to manage genetic and demographic programme for the animal collections. As of 2017, the ZIMS database contains information on 21,000 species, 6.8 million animals, and 75 million medical records collected in the system to care for and manage their animal collections (including demographic and genetic management in many cases). It is also used for *ex-situ* breeding programs and supporting conservation research and programs. The ZIMS is a unified global, first of its kind collection of data base on captive animals, upkeep and their health management. The zoos and animal conservation organization of the world, which are working for captive care of animals, can become a member of Species 360 by payment of annual membership fee and they share current data about their collection in the software.

After the approval of competent authorities, the Memorandum of understanding (MoU) was signed with ISIS (now Species 360) on 31.12.2008 for five year from 1st January, 2009. In total 61 organizations were covered under the MoU which includes 57 zoos and four related institutions (Central Zoo Authority; Wildlife Institute of India, Dehradun; Indian Veterinary Research Institute, Bareilly and Laboratory for Conservation of Endangered Species (LaCONES), Hyderabad. It was observed that most of the zoos and the institutions sponsored by the CZA were either not using the software at all or are not submitting their data to the Species 360. It was decided that the CZA shall pay fee only for those zoos that are submitting the data and shall not pay the fee of the zoos that are not using and updating the software of Species 360. The Memorandum of Understanding (MoU) between the Central Zoo Authority and the Species 360 with slight changes was further extended for a period of five years (upto 31.12. 2018). The 32 zoos and 4 related institutions were covered for an amount of US \$ 2,10,000 that includes membership and trainings for five years.

In the year 2016, the CZA reviewed the usage of ZIMS software/s by the concerned zoos in the animal record keeping. The updated data record of respective zoos in the ZIMS software and their usage, total number of animals housed in the zoos as per their inventory report (2014-15) and the number of trainings imparted to the zoo personnel was reviewed. It was observed that majority of the 32 zoos had not achieved any success in updating the data except a few. The progress was observed not satisfactory commensurate with the expenditure and the efforts made by the CZA for the facilitation of record keeping in scientific manner by the selected zoos.

Accordingly, the Chief Wildlife Warden of the concerned States were requested to direct the Director of the respective member zoo to achieve the aim of data record keeping to its maximum within the time limit of two months after receipt of the letter. Simultaneously, the Country representative of the Species 360 was asked to help and support the respective zoos

by personally visiting the zoo, if required, by any zoo. Subsequently, it was also decided to conduct the interactive session for zoo personnel handling the work in small groups. The participant of the training was restricted to the person actually handling the data in the zoo and responsible for updation of information on the ZIMS software. These small group sessions were organized at Ranchi, Darjeeling, Kanpur, Chennai and Ahmedabad in the year 2016.

During the financial year 2017-18, the Central Zoo Authority in association with Species360, USA organized thirteen regional hands-on trainings for the data updation in its software, Zoological Information Management System (ZIMS) for the member zoos in India at Nehru Zoological Park, Hyderabad (8-9 May, 2017), Dr. Shyamaprasad Mukharjee Zoological Garden, Surat (11-12 May, 2017), Kanpur Zoological Park, Kanpur (16-17 May, 2017); Sanjay Gandhi Biological Park, Patna (22-23 May, 2017), National Zoological Park, New Delhi (26-27 May, 2017) and Sepahijala Zoological Park, Agartala (29-30 May, 2017) and at the Kamala Nehru Zoological Garden, Kankaria, Ahmedabad (5-6 February, 2018); the Sanjay Gandhi Zoological Park, Patna (12-13 February, 2018); the Indian Veterinary Research Institute, Bareilly (19-20 February, 2018); the Arignar Anna Zoological Park, Vandalur, Chennai (05-06 March, 2018); the M. C. Zoological Park, Chhatbir (08-09 March, 2018); the Veermata Jijabai Bhosale Udyan & Zoo, Mumbai (12-13 March, 2018) and Assam State Zoo & Botanical Garden, Guwahati (19-20 March, 2018). The participants from 30 identified zoos across the country attended this training.

As a result of these sessions, the progress improved and the zoos were benefitted. A comparative statement of the data entered in the ZIMS software by the member Indian zoos for a few previous consecutive years is given below:

| Sl. | Institution | Before interactive sessions started | | | 2015-16 | | | 2016-2017 | | | 2018 | | |
|-----|--|-------------------------------------|-------------------------|-------------------|--------------------------|-------------------------|-------------------|--------------------------|-------------------------|-------------------|--------------------------|--|----------------------------------|
| | | # Animals in ZIMS Record | # Animals in CZA Record | % Animals in ZIMS | # Animals in ZIMS Record | # Animals in CZA Record | % Animals in ZIMS | # Animals in ZIMS Record | # Animals in CZA Record | % Animals in ZIMS | # Animals in ZIMS Record | # Animals in CZA Record (to be filled) | % Animals in ZIMS (to be filled) |
| 1 | Arignar Anna Zoological Park, Chennai | 253 | 1841 | 13.74 | 2288 | 2292 | 99.83 | 2306 | 2292 | 100.61 | 2438 | 2473 | 98.58 |
| 2 | Assam State Zoo & Botanical Garden, Guwahati | 69 | 1137 | 6.07 | 706 | 1223 | 57.73 | 706 | 1223 | 57.73 | 1336 | 1216 | 109.87 |
| 3 | Aurangabad zoo, | 49 | 320 | 15.31 | 316 | 301 | 104.98 | 318 | 301 | 105.65 | 320 | 312 | 102.56 |

| Sl. | Institution | Before interactive sessions started | | | 2015-16 | | | 2016-2017 | | | 2018 | | |
|-----|--|-------------------------------------|-------------------------|-------------------|--------------------------|-------------------------|-------------------|--------------------------|-------------------------|-------------------|--------------------------|--|----------------------------------|
| | | # Animals in ZIMS Record | # Animals in CZA Record | % Animals in ZIMS | # Animals in ZIMS Record | # Animals in CZA Record | % Animals in ZIMS | # Animals in ZIMS Record | # Animals in CZA Record | % Animals in ZIMS | # Animals in ZIMS Record | # Animals in CZA Record (to be filled) | % Animals in ZIMS (to be filled) |
| | Aurangabad | | | | | | | | | | | | |
| 4 | Bannerghatta Biological Park, Bengaluru | 308 | 869 | 35.44 | 1979 | 1973 | 100.30 | 1978 | 1973 | 100.25 | 2003 | 1986 | 100.86 |
| 5 | Bhagwan Birsa Biological Park, Ranchi | 28 | 1097 | 2.55 | 931 | 1260 | 73.89 | 1013 | 1260 | 80.40 | 1430 | 1349 | 106.00 |
| 6 | Pt. G.B. Pant High Altitude Zoo, Nainital | 72 | 258 | 27.91 | 234 | 233 | 100.43 | 234 | 233 | 100.43 | 236 | 231 | 102.16 |
| 7 | Biological Park, Itanagar | 98 | 216 | 45.37 | 218 | 218 | 100.00 | 218 | 218 | 100.00 | 217 | 216 | 100.46 |
| 8 | Deer Park, IVRI, Izatnagar, Bareilly | 8 | - | - | 43 | 43 | 100.00 | 43 | - | - | 56 | 56 | 100.00 |
| 9 | Pilikula Biological Park (Mangaluru) | 113 | 961 | 11.76 | 1019 | 1025 | 99.41 | 1024 | 980 | 104.49 | 1025 | 1057 | 96.97 |
| 10 | Shyampasad mukharjee zoological garden, Surat | 10 | 388 | 2.58 | 206 | 385 | 53.51 | 237 | 385 | 61.56 | 386 | 386 | 100.00 |
| 11 | Himalayan Nature Park, Kufri, Shimla | 49 | 117 | 41.88 | 130 | 102 | 127.45 | 130 | 102 | 127.45 | 130 | 108 | 120.37 |
| 12 | Himalayan Zoological Park, Bulbuley | 43 | 26 | 165.38 | 49 | 62 | 79.03 | 49 | 62 | 79.03 | 63 | 61 | 103.27 |
| 13 | Indira Gandhi Park Zoo, Rourkela | 16 | 251 | 6.37 | 251 | 253 | 99.21 | 251 | 253 | 99.21 | 253 | 254 | 99.61 |
| 14 | Kamla Nehru Prani Sanghralaya Zoo, Indore | 62 | 519 | 11.95 | 552 | 587 | 94.04 | 582 | 587 | 99.15 | 619 | 621 | 99.68 |
| 15 | Kamla Nehru Zoological Park, Ahmedabad | 116 | 1815 | 6.39 | 1866 | 1869 | 99.84 | 1861 | 1869 | 99.57 | 1912 | 1913 | 99.95 |
| 16 | Kanpur Zoological Park, Kanpur | 122 | 792 | 15.40 | 940 | 1029 | 91.35 | 925 | 987 | 93.72 | 1119 | 1117 | 100.17 |
| 17 | Nawab Wazid Ali Shah Zoological Gardens, Lucknow | 225 | 966 | 23.29 | | 1016 | 0.00 | 1276 | 1016 | 125.59 | 1039 | 1012 | 102.67 |
| 18 | Madras Crocodile Bank Trust, Chennai | 1155 | 2412 | 47.89 | 1311 | 2341 | 56.00 | 1322 | 2341 | 56.47 | 2284 | 2353 | 97.07 |
| 19 | M. C. Zoological Park, Chhatbir | 102 | 1177 | 8.67 | 1034 | 1276 | 81.03 | 1107 | 1171 | 94.53 | 1292 | 1325 | 97.50 |
| 20 | Nandankanan | 299 | 2524 | 11.85 | 2953 | 2983 | 98.99 | 2950 | 2983 | 98.89 | 3392 | 3303 | 102.69 |

| Sl. | Institution | Before interactive sessions started | | | 2015-16 | | | 2016-2017 | | | 2018 | | |
|-----|---|-------------------------------------|-------------------------|-------------------|--------------------------|-------------------------|-------------------|--------------------------|-------------------------|-------------------|--------------------------|--|----------------------------------|
| | | # Animals in ZIMS Record | # Animals in CZA Record | % Animals in ZIMS | # Animals in ZIMS Record | # Animals in CZA Record | % Animals in ZIMS | # Animals in ZIMS Record | # Animals in CZA Record | % Animals in ZIMS | # Animals in ZIMS Record | # Animals in CZA Record (to be filled) | % Animals in ZIMS (to be filled) |
| | Biological Park, Bhubaneswar | | | | | | | | | | | | |
| 21 | National Zoological Park, Delhi | 107 | 1355 | 7.90 | 1316 | 1202 | 109.48 | 1202 | 1202 | 100.00 | 1285 | 1243 | 103.38 |
| 22 | Nehru Zoological Park, Hyderabad | 304 | 1437 | 21.16 | 1604 | 1770 | 90.62 | 1643 | 1768 | 92.93 | 2036 | 2113 | 96.36 |
| 23 | Padmaja Naidu Himalayan Zoological Park, Darjeeling | 215 | 314 | 68.47 | 376 | 331 | 113.60 | 364 | 331 | 109.97 | 376 | 348 | 108.05 |
| 24 | Rajiv Gandhi Zoological Park, Pune | 139 | 387 | 35.92 | 352 | 419 | 84.01 | 483 | 419 | 115.27 | 489 | 403 | 121.34 |
| 25 | Rajkot Zoo, Rajkot | 187 | 143 | 130.77 | 219 | 252 | 86.90 | 219 | 252 | 86.90 | 374 | 375 | 99.73 |
| 26 | Sakkarbaug Zoo, Junagadh | 526 | 1039 | 50.63 | 1231 | 1383 | 89.01 | 1240 | 1383 | 89.66 | 1410 | 1436 | 98.19 |
| 27 | Sanjay Gandhi Biological Park, Patna | 182 | 1286 | 14.15 | 1326 | 1202 | 110.32 | 1230 | 1202 | 102.33 | 1152 | 1163 | 99.05 |
| 28 | Sepahijala Zoological Park, Tiripura | 275 | 541 | 50.83 | 569 | 553 | 102.89 | 569 | 553 | 102.89 | 554 | 549 | 100.91 |
| 29 | Sri Chamarajendra Zoological Garden, Mysuru | 1434 | 1383 | 103.69 | 1538 | 1521 | 101.12 | 1538 | 1521 | 101.12 | 1450 | 1433 | 101.19 |
| 30 | Tata Steel Zoological Park, Jamshedpur | 100 | 426 | 23.47 | 335 | 490 | 68.37 | 399 | 489 | 81.60 | 400 | 424 | 94.34 |
| 31 | Van Vihar National Park-Zoo, Bhopal | 94 | 1172 | 8.02 | 1209 | 1209 | 100.00 | 1209 | 1209 | 100.00 | 1213 | 116 | 1045.68 |
| 32 | Veermata Jijabai Bhosale Udyan & Zoo, Mumbai | 103 | 453 | 22.74 | 62 | 388 | 15.98 | 207 | 388 | 53.35 | 419 | 363 | 115.42 |
| 33 | Vulture Conservation Breeding Centre, Pinjore | 129 | 178 | 72.47 | 226 | 221 | 102.26 | 263 | 221 | 119.00 | 266 | 276 | 96.38 |

7.3 International Co-operation

During the current financial year, the Central Zoo Authority has extended the Memorandum of Understanding (MoU) with Smithsonian National Zoological Park, Washington, D.C., USA for further three years w.e.f. on 17th March 2017. Under the MoU both the organization shall develop and implement joint research studies focused on animal health

and capacity building. Under the MoU, the Central Zoo Authority in association with Smithsonian National Zoological Park, Washington D.C., USA has organized a training programme on "Capacity Building of Indian Zoo Veterinarians" at National Zoological Park, New Delhi held 11 to 19 September 2017 in two batches. In total 35 numbers of veterinarians from 35 various Indian zoos benefitted from the programme.

8.0 Research & Education

8.1 Extension of the MoU between CZA and the IVRI, Bareilly

The Central Zoo Authority has extended the Memorandum of Understanding (MoU) between Central Zoo Authority and the Indian Veterinary Research Institute, Izatnagar, Bareilly, Uttar Pradesh as "National Referral Centre on Wildlife Healthcare" by another five years *w.e.f.* 01.04.2017 to 31.03.2022 so that technical advice, guidance and assistance to the zoos is available in the field of wildlife healthcare continuously.

8.2 Extension of the MoU between CZA and the LaCONES, CCMB, Hyderabad

The Central Zoo Authority has extended Memorandum of Understanding (MoU) between the Central Zoo Authority, New Delhi & the Laboratory for Conservation of Endangered Species (LaCONES), Centre for Cellular & Molecular Biology (CCMB), Hyderabad to take up research activities on "Conservation of endangered animals using biotechnological tools" by another five years *w.e.f.* 01.04.2017 to 31.03.2022 to take up research activities accordingly.

8.3 Research Projects

During the previous year the Central Zoo Authority reviewed the status of all research projects funded by the CZA and it was observed that many research projects are not progressing satisfactorily as per the time line mentioned in the project proposal submitted to the CZA for financial assistance. The Central Zoo Authority has provided opportunity to concern zoos to submit the final draft report to the Central Zoo Authority for approval. However, except a few zoos, most of the zoos were not able to submit the draft final report to the Central Zoo Authority. The Central Zoo Authority has reviewed the report submitted by zoos at any stage of the project as per the MoU of the project. The observations on the project report alongwith the status of the project was considered for taking the decision on following project. The details of such projects are mentioned below:

| Sl. | Name of the project | Institute/organization/ zoo | Remarks |
|-----|---|---|--|
| 1 | Developing guidelines on principles of Zoo Designing for Zoos in India. | School of Planning and Architecture, New Delhi | Report accepted and in printing |
| 2 | Reproductive biology, breeding behavior & enrichment needs of the wild dog in captivity & observation on growth and cub development | Indira Gandhi Zoological Park, Visakhapatnam | Report not accepted, grant to be surrender alongwith interest accrued |
| 3 | Project proposal for Conservation Breeding of Brow Antlered Deer at National level in Indian Zoos | Zoological Garden, Alipore | Report accepted, hard copies of report to be submitted to the CZA as per MoU |
| 4 | Research proposal for Population control measures of prolifically breeding animals. | Arignar Anna Zoological Park, Vandalur, Chennai | Report not accepted, grant to be surrender alongwith interest accrued |
| 5 | Behavioral study on Clouded leopard | Sepahijala Zoo, Agartala | Report not accepted, grant to be surrender alongwith interest accrued |
| 6 | Standard protocol for maintaining live food for captive animals | Sri Chamarajendra Zoological Park Mysore | Report not accepted, grant to be surrender alongwith interest accrued |
| 7 | Developing manual for the zoo educators | Centre for Environment Education, Ahmedabad | Last opportunity provided to submit the report on or before 22 May, 2018 |
| 8 | Study on utilization pattern of enclosure by sloth bear and enrichment requirement in non-conventional captivity | Wildlife SOS, New Delhi | Report not accepted, grant to be surrender alongwith interest accrued |
| 9 | To prepare and maintain | Wildlife Institute of India, | The final report shall |

| Sl. | Name of the project | Institute/organization/ zoo | Remarks |
|-----|--|---|---|
| | studbooks for endangered species | Dehradun | be submitted to the CZA as per the MoU |
| 10 | Red Panda Nutrition: Towards an integrated approach | Padmaja Naidu Himalayan Zoological Park, Darjeeling | Report not accepted, grant to be surrender alongwith interest accrued |
| 11 | Conducting study on the anti-venom requirement vis-à-vis handling of the snakes | Madras Crocodile Bank Trust Mammalapuram | Project closed |
| 12 | Preparation and updating, studbooks of sloth bear, Himalayan black bear, Brown bear and Malayan sun bear housed in the Indian zoos | Wildlife SOS New Delhi | Project closed |
| 13 | Studies on biology, breeding behaviour and aviary practices for improved performance of captive Himalayan Pheasants | Padmaja Naidu Himalayan Zoological Park, Darjeeling | Report not accepted, grant to be surrender alongwith interest accrued |

9.0 Publications

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

1. Manual for "Biological Sample Collection and Preservation for Genetic Reproductive and Disease Analyses".
2. Manual on "Chemical Immobilization of Wild Animals".
3. The book on "Design Guidelines for Zoos" has been finalized and is being printed.
4. The Calendar for the year 2018 with theme "Wildlife in Indian Zoos" which has been widely appreciated.
5. The publication of Annual "Inventory of animals in Indian Zoos 2017-18" shall be updated as per schedule in May, 2018.

10.0 Financial assistance to Zoos

The Central Zoo Authority has received Rs 11.50 Cr as grant-in-aid during the financial year 2017-18 from the Ministry of Environment, Forest and Climate Change, Government of India. Out of this, Rs. 8.80 Cr was for improvement and development of the zoos and Rs. 1.70 Cr for salaries of the CZA establishment. It included fund for the development of zoos in North Eastern India also. The entire grant was utilized to achieve its objectives and mandate, broadly under the head of Development of zoos, Conservation Breeding, Rescue & Rehabilitation, Research and Training and Operational cost.

10.1 Improvement of zoos

During the financial year 2017-18, the Central Zoo Authority has released Rs. 9,27,88,600/- for improvement of zoos including the maintenance of the Rescue Centres, Conservation Breeding, Research & Trainings etc. as per the details given below:

| Sl. | State | Name and location of the Zoo / Organization | Purpose | Amount in Rs. |
|-----|-------------------|--|-------------------------|---------------|
| 1. | | Indira Gandhi Zoological Park, Visakhapatnam | Rescue & Rehabilitation | 15,68,000 |
| 2. | Andhra Pradesh | Sri Venkateswara Zoological Park, Tirupati | Rescue & Rehabilitation | 70,27,500 |
| | | Sri Venkateswara Zoological Park, Tirupati | Rescue & Rehabilitation | 22,36,000 |
| 3. | Arunachal Pradesh | Biological Park, Itanagar | Conservation Breeding | 25,88,000 |
| 4. | Delhi | School of Planning and Architecture, New Delhi | Research | 2,12,400 |
| 5. | Gujarat | Sakkarbaug Zoo, Junagadh | Training & Workshop | 3,60,000 |
| 6. | Karnataka | Bannerghatta Biological Park Bengaluru | Rescue & Rehabilitation | 64,45,000 |
| | | Bannerghatta Biological Park Bengaluru | Rescue & Rehabilitation | 22,61,000 |
| | | Bannerghatta Biological Park Bengaluru | Improvement of Zoo | 54,00,000 |

| Sl. | State | Name and location of the Zoo / Organization | Purpose | Amount in Rs. |
|-----|----------------|---|-------------------------|---------------|
| | | Sri Chamarajendra Zoological Park, Mysore | Training & Workshop | 21,18,000 |
| 7. | Madhya Pradesh | Van Vihar National Park, Bhopal | Rescue & Rehabilitation | 13,86,000 |
| 8. | Manipur | Manipur Zoological Garden | Improvement of Zoo | 60,28,700 |
| | | Manipur Zoological Garden | Improvement of Zoo | 1,55,88,000 |
| 9. | Nagaland | Nagaland Zoological Park, Rangapahar | Improvement of zoos | 76,14,000 |
| | | Nagaland Zoological Park, Rangapahar | Training & Workshop | 4,27,000 |
| | | Nagaland Zoological Park, Rangapahar | Conservation Breeding | 8,74,000 |
| 10. | Odisha | Nandankanan Biological Park | Training & Workshop | 3,70,000 |
| 11. | Rajasthan | Nahargarh Biological Park, Jaipur | Rescue & Rehabilitation | 12,60,000 |
| | | Nahargarh Biological Park, Jaipur | Rescue & Rehabilitation | 4,35,000 |
| 12. | Tamil Nadu | Arignar Anna Zoological Park, Vandalur | Rescue & Rehabilitation | 30,23,000 |
| | | Arignar Anna Zoological Park, Vandalur | Rescue & Rehabilitation | 14,38,000 |
| | | Arignar Anna Zoological Park, Vandalur | Training & Workshop | 4,20,000 |
| 13. | Telangana | Nehru Zoological Park, Hyderabad | Conservation Breeding | 11,39,000 |
| | | Nehru Zoological Park, Hyderabad | Conservation Breeding | 12,80,000 |
| | | LaCONES, CCMB, Hyderabad | Research | 20,02,000 |
| 14 | Tripura | Sepahijala Zoological Park, | Conservation | 31,73,000 |

| Sl. | State | Name and location of the Zoo / Organization | Purpose | Amount in Rs. |
|--------------|---------------|---|-----------------------|--------------------|
| | | Tripura | Breeding | |
| | | Sepahijala Zoological Park, Tripura | Improvement of Zoo | 97,14,000 |
| | | Sepahijala Zoological Park, Tripura | Improvement of Zoo | 28,20,000 |
| 15. | Uttar Pradesh | Indian Veterinary Research Institute, Bareilly | Research | 25,42,000 |
| 16. | Uttarakhand | Wildlife Institute of India, Dehradun | Research | 10,39,000 |
| TOTAL | | | | 9,27,88,600 |

10.2 Grants released to Rescue Centers

The Government of India banned the display of lions, tigers, leopards, bears and monkeys in the circus in India through a notification issued on 14th October, 1998. The basic objective of imposing the ban was to provide congenial upkeep, housing and healthcare facilities to these animals keeping with the spirit of National Zoo Policy. The Central Zoo Authority had to assume the responsibility to rescue and rehabilitate these animals. The number of lions, tigers, leopards, bears and monkeys rescued from the circuses at that point of time was 375, 96, 21, 37 and 20 respectively. Keeping in view, the housing and upkeep requirements of these rescued animals and the non-availability of such facility in the existing zoos of the country, it was felt to set up separate facility for these animals across the country.

Accordingly, the Government of India agreed to create designated rescue facilities for these animals. The CZA was assigned the responsibility and requisite budgetary allocations were made in the budget of the Central Zoo Authority in the year 1999-2000. After finalizing the designs and enclosures of these facilities, seven rescue centres were created for these animals at Bangalore, Chennai, Tirupati, Vishakhapatnam, Bhopal, South Khairbari and Jaipur. The day to day operation and maintenance of these rescue centres has been assigned to the nearby zoo concerned in whose campus such facility has been set up. It is a life time care facility for these animals.

The Central Zoo Authority is continuously providing financial grant to the concerned zoos for operation and maintenance of these seven rescue centres. The grants are being given for feed, upkeep and health care of these animals. The laid down standard and norms in this regard are being strictly followed.

Over the years, after setting up of these rescue centres, the animals has died due to natural process and at present the number of rescued lions and tigers from the circuses has come down to 47 and 8 respectively.

During the financial year 2017-18, the Central Zoo Authority has provided an amount of Rs. 2.70 Cr for upkeep, feed and medicine etc. to six Rescue Centres as per the details mentioned below:

| Sl. | Name and location of Rescue Centre | Amount in Rs. |
|--------------|---|---------------------|
| 1. | Indira Gandhi Zoological Park, Vishakhapatnam | 15,68,000 |
| 2. | Sri Venkateswara Zoological Park, Tirupati | 92,63,500 |
| 3. | Bannerghatta Biological Park Bengaluru | 87,06,000 |
| 4. | Van Vihar National Park, Bhopal | 13,86,000 |
| 5. | Nahargarh Biological Park, Jaipur | 16,95,000 |
| 6. | Arignar Anna Zoological Park, Vandalur, Chennai | 44,61,000 |
| Total | | 2, 70,79,500 |

11.0 Annual Audited Accounts and Audit Report:

The audit of the accounts of the Central Zoo Authority for the financial year 2017 – 18 is conducted by the Principal Director of Audit, Scientific Department of CAG, Government of India. Balance Sheet, Income & Expenditure Accounts, Receipt and Payment as on 31st March, 2018 with schedules are placed at **Annexure I & II**.

Annexure - I

FORM OF FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
BALANCE SHEET AS ON 31.03.2018

(Amount in ₹)

| CORPUS/CAPITAL FUND AND LIABILITIES | Schedule | Current Year | Previous Year |
|---|----------|--------------------|--------------------|
| Corpus/Capital Fund | 1 | 2,01,57,459 | 2,11,50,235 |
| Reserves and Surplus | 2 | - | - |
| Earmarked/Endowment Funds | 3 | - | - |
| Secured Loans and Borrowings | 4 | - | - |
| Unsecured Loans and Borrowings | 5 | - | - |
| Deferred Credit Liabilities | 6 | - | - |
| Current Liabilities and Provisions | 7 | 18,06,483 | 6,10,265 |
| TOTAL | | 2,19,63,942 | 2,17,60,500 |
| ASSETS | | | |
| Fixed Assets | 8 | 37,52,682 | 32,95,625 |
| Investments- From Earmarked/Endowment Funds | 9 | - | - |
| Investments-Others | 10 | - | - |
| Current Assets, Loans, advances etc. | 11 | 1,82,11,260 | 1,84,64,875 |
| Miscellaneous Expenditure(to the extent not written off or adjusted) | | | |
| TOTAL | | 2,19,63,942 | 2,17,60,500 |
| Significant Accounting Policies | 24 | | |
| Contingent Liabilities and Notes on Accounts | 25 | | |

FORM OF FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)

Name of Entity CENTRAL ZOO AUTHORITY
INCOME & EXPENDITURE ACCOUNT
FOR THE YEAR ENDED ON 31.03.2018

(Amount in ₹)

| INCOME | Schedule | Current Year | Previous Year |
|--|----------|---------------------|---------------------|
| Income from Sales/Services | 12 | | |
| Grants/Subsidies | 13 | 12,53,25,196 | 10,93,30,445 |
| Fees/Subscriptions | 14 | 5,90,503 | 6,07,475 |
| Income from Investments (Income on Investment From Earmarked/Endow.) Funds transferred to Funds | 15 | - | - |
| Income from Royalty, publication etc. | 16 | - | - |
| Interest Earned | 17 | 10,57,838 | 2,89,544 |
| Other Income | 18 | 80,563 | 5,776 |
| TOTAL (A) | | 12,70,54,100 | 11,02,33,240 |
| EXPENDITURE | | | |
| Increase/Decease in stock of finished goods & Work-in-progress | 19 | - | - |
| Establishment Expenses | 20 | 1,77,43,620 | 1,29,66,760 |
| Other Administrative Expenses etc. | 21 | 2,60,68,576 | 1,61,96,732 |
| Expenditure on Grants, Subsidies etc. | 22 | 8,32,98,200 | 6,46,84,370 |
| Interest | 23 | - | - |
| Depreciation (Net Total at the year-end -Schedule 8) | 8 | 9,61,480 | 8,00,719 |
| TOTAL (B) | | 12,80,71,876 | 9,46,48,581 |
| Excess of Income over Expenditure (A-B) | | (10,17,776) | 1,55,84,659 |
| Transfer to Special Reserve (Specify each) | | - | - |
| Transfer to/from General Reserve | | - | - |
| Balance Being Surplus Carried to Corpus/Capital Fund | | - | 1,55,84,659 |

| INCOME | Schedule | Current Year | Previous Year |
|---|-----------------|---------------------|----------------------|
| Balance Being Deficit Carried to Corpus/Capital Fund | | (10,17,776) | - |
| Significant Accounting Policies | 24 | | |
| Contingent Liabilities and Notes on Accounts | 25 | | |

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

Name of Entity **CENTRAL ZOO AUTHORITY**

RECEIPTS AND PAYMENTS FOR THE PERIOD/YEAR ENDED 31.03.2018

(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) | 1,68,02,514 | 1,34,17,398 |
| (i) Imprest | 15,000 | 15,000 | | | |
| (b) Bank Balances | - | - | (b) Administrative Expenses (corresponding to Schedule 21) | 21,78,084 | 28,60,050 |
| (i) In current accounts | - | - | | | |
| (ii) In deposit accounts | - | - | | | |
| (iii) Savings accounts | 1,73,93,398 | 11,74,568 | | | |
| II. Grants Received | | | II. Payments made against funds for various projects | | |

| Receipts | Current Year | Previous Year | Payments | Current Year | Previous Year |
|--|--------------|---------------|--|--------------|---------------|
| (a) From Government of India | 11,50,00,000 | 10,00,00,000 | (Name of the fund or project should be shown along with the particulars of payments made for each project) | | |
| (b) From State Government | - | - | | | |
| (c) From other sources (details) - Countries For SAAR | - | - | (a) Grants-in-aid to Zoos | 8,32,98,200 | 6,48,04,370 |
| (Grants for capital & revenue exp. To be shown separately) | - | - | (b) Monitoring & Evaluation of Zoos | 7,76,718 | 7,66,766 |
| | | | (c) Research Projects | 57,95,400 | 35,63,000 |
| | | | (d) Training, Workshop Conference | 86,35,766 | 90,29,552 |
| | | | (e) Expenses on WAZA Conferences | | - |
| | | | (f) Education & Awareness | | - |
| | | | (g) Exgratia | | - |

| Receipts | Current Year | Previous Year | Payments | Current Year | Previous Year |
|--|--------------|---------------|---|--------------|---------------|
| | | | payment to closed mobile zoos | | |
| | | | (h) Transportation of Animals | | - |
| III. Income on investments from | | | III. Investments & Deposits made | | |
| (a) Earmarked/ Endowment Funds | - | - | (a) Out of Earmarked/ Endowment funds | | - |
| (b) Own Funds (Other Investment) | - | - | (b) Out of own funds (Investments- Others) | | - |
| IV. Interest Received | | | IV. Expenditure on fixed Assets & capital work-in-progress | | |
| (a) On bank deposits | 10,27,301 | 2,89,544 | (a) Purchase of fixed assets | 14,44,578 | 1,85,728 |
| (b) Loans, Advances etc. | - | - | (b) Expenditure on capital work-in-progress - Advance to NICS | | - |

| Receipts | Current Year | Previous Year | Payments | Current Year | Previous Year |
|---|--------------|---------------|---|--------------|---------------|
| V. Other Income (Specify) | | | V. Refund of surplus money/loans | | - |
| Fees received from Zoos with Application of Recognition | 5,90,503 | 6,07,475 | (a) to the Government of India | 85,96,152 | - |
| Fees received from Application under RTI | 3,832 | 5,776 | (b) to the State Government | | - |
| Seminar/Program fees (WAZA Registration Fees) | - | - | (c) to other providers of funds | | - |
| VI. Amount Borrowed | - | - | VI. Finance Charges (Interest) | | - |
| VII. Any other receipts (give details) | | | VII Other Payments (Specify) | | |
| (a) Misc. Receipts | 1,05,349 | 1,76,687 | (a) Payment of TDS | 13,45,650 | 9,04,652 |
| (b) Unspent balance of Gr. In Aid refunded by Zoos/CPWD | 1,03,25,196 | 93,30,445 | (b) Security Deposit (Released) | 25,000 | 20,000 |
| (c) Interest on Car/Scooter Adv. | 3,488 | - | (c) Amount adjustable (By other deptt.) - | | - |

| Receipts | Current Year | Previous Year | Payments | Current Year | Previous Year |
|--|--------------|---------------|---|--------------|---------------|
| | | | NBWL Meeting Exp. | | |
| (d) Security deposit | 20,000 | 1,10,000 | (d) Staff advances | - | - |
| (e) Recovery of Advances | - | 13,264 | (e) Payment to other Depatt, (Recoveries from pay bills) | 16,81,447 | 14,83,650 |
| (f) Recovery of TDS | 13,45,650 | 9,04,652 | (f) Advance Payment for Purchases | - | - |
| (g) Staff Advance recovery | 73,356 | 96,416 | (g) Payment for Wild Life Week Celebration | - | - |
| (h) License fee | - | - | (h) Payment to CPWD for Renovation | - | - |
| (i) Recovery from pay bills, adjustable by other Departments | 16,81,807 | 14,83,650 | (i) Payment to Prepaid Expenses | - | 15,000 |
| (j) Sale proceed of assets | - | - | (j) Refund of Fees received from Zoos with Application of Recognition | - | - |
| (k) Unspent GIA | - | - | (k) Refund of Fees received from Application under RTI | - | - |

| Receipts | Current Year | Previous Year | Payments | Current Year | Previous Year |
|---|--------------|---------------|-------------------------------|--------------|---------------|
| (l) Remittance of Leave salary and pension contribution | 1,01,955 | 1,50,176 | | | |
| (m) Receipt for Expenses on behalf of other Organizations | - | - | | | |
| - Wild Life Week Celeb. | - | - | | | |
| - Reg. fee for WAZA | - | - | | | |
| (n) Expenses Reimbursable by MoEF | - | - | | | |
| (o) Remittance of Supperannuation and PPF Contribution of Deputationist | 80,281 | 1,00,911 | VIII. Closing Balances | | |
| (p) Refund of Telephone Security | - | - | (a) Cash in Hand | | |
| | | | Imprest | 15,000 | 15,000 |
| | | | (b) Bank Balances | - | - |
| | | | (i) In current accounts | - | - |
| | | | (ii) In deposit | - | - |

| Receipts | Current Year | Previous Year | Payments | Current Year | Previous Year |
|--------------|---------------------|---------------------|------------------------|---------------------|---------------------|
| | | | accounts | | |
| | | | (iii) Savings accounts | 1,71,72,607 | 1,73,93,398 |
| TOTAL | 14,77,67,116 | 11,44,58,564 | TOTAL | 14,77,67,116 | 11,44,58,564 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018

SCHEDULE 1 - CORPUS/CAPITAL FUND

(Amount in ₹)

| SCHEDULE 1 - CORPUS/CAPITAL FUND | Current Year | Previous Year |
|---|---------------------|----------------------|
| Balance as at the beginning of the year | 2,11,50,235 | 55,65,576 |
| Add: Contributions towards Corpus/CZA Fund | 25,000 | - |
| Add: Balance of net income- Transferred from the Income and Expenditure Account | - | 1,55,84,659 |
| Deduct: Balance of net income- Transferred from the Income and Expenditure Account | (10,17,776) | - |
| Add: Short/Excess Provisions / Prior Period Items | - | - |
| TOTAL | 2,01,57,459 | 2,11,50,235 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018

SCHEDULE 2 -RESERVES AND SURPLUS

(Amount in ₹)

| | Current Year | | Previous Year | |
|--|--------------|---|---------------|---|
| SCHEDULE 2 -RESERVES AND SURPLUS: | | | | |
| 1. Capital Reserve: | | | | |
| As per last Account | - | | - | |
| Addition during the year | - | | - | |
| Less: Deductions during the year | - | - | - | - |
| 2. Revaluation Reserve: | | | | |
| As per last Account | - | | - | |
| Addition during the year | - | | - | |
| Less: Deductions during the year | - | - | - | - |
| 3. Special Reserve: | | | | |
| As per last Account | - | | - | |
| Addition during the year | - | | - | |
| Less: Deductions during the year | - | - | - | - |
| 4. General Reserve: | | | | |
| As per last Account | - | | - | |
| Addition during the year | - | | - | |
| Less: Deductions during the year | - | - | - | - |
| TOTAL | | - | | - |

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

Name of Entity **CENTRAL ZOO AUTHORITY**

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018

SCHEDULE 3 - EARMARKED/ ENDOWMENT FUNDS

(Amount in ₹)

| SCHEDULE 3 - EARMARKED/ ENDOWMENT FUNDS | FUND-WISE BREAK UP | | | TOTALS | | |
|---|-----------------------|------------|------------|------------|------------------|-------------------|
| | Fund ww | Fund xx | Fund yy | Fund zz | Curren t Year | Previou s year |
| a) Opening balance of the funds | - | - | - | - | - | - |
| b) Additions to the Funds: | - | - | - | - | - | - |
| i) Donations | - | - | - | - | - | - |
| ii) Income from investments made on account of funds | - | - | - | - | - | - |
| iii) Other Additions (specify nature) | - | - | - | - | - | - |
| TOTAL (a+b) | - | - | - | - | - | - |
| i) Capital Expenditure | | | | | | |
| - Fixed Assets | - | - | - | - | - | - |
| - Others | - | - | - | - | - | - |
| Total | - | - | - | - | - | - |
| ii) Revenue Expenditure | | | | | | |
| -Salaries Wages & Allowances | - | - | - | - | - | - |
| -Rent | - | - | - | - | - | - |
| -Others Administrative Expenses | - | - | - | - | - | - |
| TOTAL (c) | - | - | - | - | - | - |
| NET BALANCE AS AT THE YEAR END (A+B-C) | - | - | - | - | - | - |

Notes:

- Disclosures shall be made under relevant heads based on conditions attaching to the grants.
- Plan Funds received from the Central/state Governments are to be shown as separate Funds and not to be mixed up with any other Funds.

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018

SCHEDULE 4 -SECURED LOANS AND BORROWINGS

(Amount in ₹)

| | Current Year | | Previous Year | |
|--|--------------|---|---------------|---|
| | | | | |
| SCHEDULE 4 -SECURED LOANS AND BORROWINGS: | | | | |
| 1. Central Government | | - | | - |
| 2. State Government | | - | | - |
| 3. Financial Institution | | | | |
| a) Term Loans | - | | - | |
| - Interest accrued and due | - | - | - | - |
| 4. Banks | | | | |
| a) Term Loans | - | | - | |
| - Interest accrued and due | - | - | - | - |
| b) Other Loans (specify) | - | | - | |
| - Interest accrued and due | - | - | - | - |
| 5. Other Institutions and Agencies | | - | | - |
| 6. Debenture and Bonds | | - | | - |
| 7. Other (specify) | | - | | - |
| TOTAL | | - | | - |

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

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018**

SCHEDULE 5 - UNSECURED LOANS AND BORROWINGS

(Amount in ₹)

| | Current Year | Previous Year |
|--|--------------|---------------|
| SCHEDULE 5 -UNSECURED LOANS AND BORROWINGS: | | |
| 1. Central Government | - | - |
| 2. State Government | - | - |
| 3. Financial Institution | - | - |
| 4. Banks | | |
| a) Term Loans | - | - |
| b) Other Loans | - | - |
| 5. Other Institutions and Agencies | - | - |
| 6. Debenture and Bonds | - | - |
| 7. Fixed Deposits | - | - |
| 8. Other (specify) | - | - |
| TOTAL | - | - |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018

SCHEDULE 6 -DEFERRED CREDIT LIABILITIES

(Amount in ₹)

| | Current Year | Previous Year |
|--|--------------|---------------|
| SCHEDULE 6 -DEFERRED CREDIT LIABILITIES: | | |
| a) Acceptances secured by hypothecation of Capital equipment and other assets | - | - |
| b) Others | - | - |
| TOTAL | - | - |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018

SCHEDULE 7 - CURRENT LIABILITIES AND PROVISIONS

(Amount in ₹)

| | Current Year | Previous Year |
|---|-----------------|-----------------|
| SCHEDULE 7 - CURRENT LIABILITIES AND PROVISIONS | | |
| A. CURRENT LIABILITIES | | |
| 1. Acceptances | - | - |
| 2. Sundry Creditors: | - | - |
| a) For Good | - | - |
| b) Others (For WAZA Expenses) | 1,47,000 | 1,47,000 |
| 3. Interest accrued but not due on: (Over-recovered Interest on Scooter Adv.) | - | - |
| a) Secured Loans/borrowings | - | - |
| b) Unsecured Loans / Borrowings | - | - |
| 4. Other current Liabilities | - | - |
| (i) Unspent Grants-in-Aid | - | - |
| (ii) Unspent amount of Wild Life Week Celebration | 5,559 | 5,559 |
| (iii) Security Refundable | 1,55,000 | 1,60,000 |
| TOTAL (A) | 3,07,559 | 3,12,559 |
| B. PROVISIONS | | |
| 1. For Taxation | - | - |
| 2. Gratuity | - | - |
| 3. Superannuation/Pension | - | - |
| (i) Contribution to superannuation scheme | - | - |
| 4. Accumulated Leave Encashment | - | - |
| 5. Trade Warranties/Claims | - | - |
| 6. Others (Specify) - Salary Payable | 11,26,066 | - |
| 7. Telephone Charges Payable | 6,506 | - |
| 8. Leave salary & Pension Contribution | 2,97,706 | 2,97,706 |

| | Current Year | Previous Year |
|--------------------------------|------------------|-----------------|
| 9. TA Operational Payable | 67,392 | - |
| 10. Audit Fees Payable | - | - |
| 11. Photocopy Expenses Payable | - | - |
| 12. OTA Payable | 1,254 | - |
| TOTAL (B) | 14,98,924 | 2,97,706 |
| TOTAL (A+B) | 18,06,483 | 6,10,265 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018

SCHEDULE 8 – Fixed Assets

(Amount in ₹)

| DESCRIPTION | GROSS BLOCK | | | | DEPRECIATION | | | | NET BLOCK | | | | |
|---|--|-------------------------------------|------------------|---|---|---------------------------------------|---|--|-----------------|---|---------------------------------------|---|---|
| | Cost/ value at the beginning of the year (a) | Additions during the year (b) | | Deducti ons during the year (c) | Cost/ value at the year end (d) | Depre- ciation Rate % (e) | On assets beginning of the year (f) | On additions during the year (g) | | On Deducti ons 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 |
| | | 04/17- 09/17 | 10/17- 03/18 | | | | | 04/17- 09/17 | 10/17- 03/18 | | | | |
| Tangible Assets | | | | | | | | | | | | | |
| Computer/ peripherals | 1,90,463 | 8,578 | - | 1,96,134 | 60 | 1,14,278 | 5,147 | - | 1,744 | 1,17,681 | 78,453 | 1,90,463 | |
| Furniture, Fixtures | 17,05,931 | - | - | 17,04,606 | 10 | 1,70,593 | - | - | 133 | 1,70,460 | 15,34,147 | 17,05,931 | |
| Office equipment | 3,60,986 | 2,80,000 | - | 6,19,177 | 15 | 54,148 | 42,000 | - | 3,271 | 92,877 | 5,26,300 | 3,60,986 | |
| Vehicle | 2,58,976 | - | - | 2,58,976 | 15 | 38,846 | - | - | - | 38,846 | 2,20,130 | 2,58,976 | |
| Intangible Assets | | | | | | | | | | | | | |
| Computer Software | 7,79,269 | - | 11,56,000 | 19,35,269 | 60 | 1,94,817 | - | 3,46,800 | - | 5,41,617 | 13,93,652 | 7,79,269 | |
| TOTAL FOR THE CURRENT YEAR | 32,95,625 | 2,88,578 | 11,56,000 | 47,14,162 | | 5,72,682 | 47,147 | 3,46,800 | 5,148 | 9,61,480 | 37,52,682 | 32,95,625 | |
| PREVIOUS YEAR | 38,91,620 | 1,46,474 | 58,250 | 40,96,344 | | 7,03,719 | 79,525 | 17,475 | - | 8,00,719 | 32,95,625 | 38,91,620 | |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018

SCHEDULE 9 - INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS

(Amount in ₹)

| | Current Year | Previous Year |
|--|--------------|---------------|
| SCHEDULE 9 -INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS | | |
| 1. In Government Securities | - | - |
| 2. Other Approved Securities | - | - |
| 3. Shares | - | - |
| 4. Debenture and Bonds | - | - |
| 5. Subsidiaries and Joint Ventures | - | - |
| 6. Other (specify) | - | - |
| TOTAL | - | - |

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

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018**

SCHEDULE 10 - INVESTMENTS OTHERS

(Amount in ₹)

| SCHEDULE 10 - INVESTMENTS OTHERS: | Current Year | Previous Year |
|--|---------------------|----------------------|
| 1. In Government Securities | - | - |
| 2. Other Approved Securities | - | - |
| 3. Shares | - | - |
| 4. Debenture and Bonds | - | - |
| 5. Subsidiaries and Joint Ventures | - | - |
| 6. Other (specify) | - | - |
| TOTAL | - | - |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018
SCHEDULE 11 –CURRENT ASSETS, LOANS, ADVANCES ETC.

(Amount in ₹)

| | Current Year | Previous Year |
|---|--------------------|--------------------|
| A. CURRENT ASSETS: | | |
| 1. Inventories: | | |
| a) Stores and Spares | - | - |
| b) Loose Tools | - | - |
| c) Stock-in-trade | | |
| Finished Goods | - | - |
| Work-in-progress | - | - |
| Raw Materials | - | - |
| 2. Sundry Debtors: | | |
| a) Debts Outstanding for a period exceeding 6 months | - | - |
| b) Others | - | - |
| 3. Cash balances in hand (including cheques/drafts and imprest) | - | - |
| Cash- In - Hand | - | - |
| Imprest | 15,000 | 15,000 |
| 4. Bank Balances: | | |
| a) With Scheduled Banks: | | |
| - On Current Accounts | 1,71,72,607 | 1,73,93,398 |
| - On Deposit Accounts (includes margin money) | - | - |
| - On Savings Accounts | - | - |
| b) With non-Schedules Banks: | | |
| - On Current Accounts | - | - |
| - On Deposit Accounts | - | - |
| - On Savings Accounts | - | - |
| 5. Post Office-Savings Accounts | - | - |
| TOTAL (A) | 1,71,87,607 | 1,74,08,398 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018
SCHEDULE 11 –CURRENT ASSETS, LOANS, ADVANCES ETC.

(Amount in ₹)

| | Current Year | Previous Year |
|---|--------------|---------------|
| B. LOANS, ADVANCES AND OTHER ASSETS: | | |
| 1. Loans: | | |
| a) Staff | 4,14,539 | 4,87,895 |
| b) Other Entities engaged in activities/ objectives similar to that of the Entity | - | - |
| c) Other (specify) | - | - |
| 2. Advances and other amounts recoverable in cash or for value to be received | - | - |
| a) On Capital Account | - | - |
| b) Advance Payment for Purchases | | - |
| Expenses Reimbursable by MOEF | - | - |
| Advance Payment to NISCI for Computer Software | - | - |
| Advance Payment to CPWD for Renovation | 5,05,127 | 5,05,127 |
| Petrol Account | 15,000 | 15,000 |
| Telephone | - | 7,450 |
| 3. Income Accrued: | - | - |
| a) On Investments from Earmarked/ Endowment funds | - | - |
| b) On Investments- Others | - | - |
| c) On Loans and Advances | - | - |
| d) Others (includes income due unrealized – Rs.) | 27,049 | - |
| 4. Claims Receivable | - | - |

| | | |
|------------------------|--------------------|--------------------|
| 5. Stock of Stationery | 61,938 | 41,005 |
| TOTAL (B) | 10,23,653 | 10,56,477 |
| TOTAL (A + B) | 1,82,11,260 | 1,84,64,875 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018

SCHEDULE 12 – INCOME FROM SALES/SERVICES

(Amount in ₹)

| | Current Year | Previous Year |
|--|--------------|---------------|
| SCHEDULE 12 -INCOME FROM SALES/SERVICES | | |
| 1. Income from Sales | | |
| a) Sale of Finished Goods | - | - |
| b) Sale of Raw Material | - | - |
| c) Sale of Scraps | - | - |
| 2. Income from Services | | |
| a) Labour and Processing Charges | - | - |
| b) Professional/Consultancy Charges | - | - |
| c) Agency Commission and Brokerage | - | - |
| d) Maintenance Services (Equipment/Property) | - | - |
| e) Others (specify) | - | - |
| TOTAL | - | - |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR THE
PERIOD/YEAR ENDED 31.03.2018

SCHEDULE 13 - GRANTS/SUBSIDIES

(Amount in ₹)

| | Current Year | Previous Year |
|---|---------------------|---------------------|
| SCHEDULE 13 - GRANTS/SUBSIDIES | | |
| (Irrevocable Grants & Subsidies Received) | | |
| 1. Central Government | 11,50,00,000 | 10,00,00,000 |
| 2. State Government(s) | - | - |
| 3. Government Agencies | - | - |
| 4. Institutions/Welfare Bodies | - | - |
| 5. International Organizations | - | - |
| 6. Others (Specify) - - Grant from SAARC | - | - |
| Total | 11,50,00,000 | 10,00,00,000 |
| Unspent balance of last years | - | - |
| Unspent balance of Grant in Aid refunded by Zoos during the year 2016-17 | 1,03,25,196 | 93,30,445 |
| GRAND TOTAL | 12,53,25,196 | 10,93,30,445 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2018

SCHEDULE 14 - FEES/SUBSCRIPTIONS

(Amount in ₹)

| | Current Year | Previous Year |
|---|---------------------|----------------------|
| SCHEDULE 14 - FEES/SUBSCRIPTIONS | | |
| 1. Entrance Fees | - | - |
| 2. Annual Fees/Subscriptions | - | - |
| 3. Seminar/Program fees | - | - |
| 4. Consultancy Fees | - | - |
| 5. Others (Specify) | - | - |
| (i) Received from Zoos with application for Recognition/ Renewal | 5,90,503 | 6,07,475 |
| TOTAL | 5,90,503 | 6,07,475 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2018

SCHEDULE 15 - INCOME FROM INVESTMENTS

(Amount in ₹)

| SCHEDULE 15 - INCOME FROM INVESTMENTS: (Income on Invest. From Earmarked/ Endowment Funds transferred to Funds) | Investment from Earmarked Fund | | Investment - Others | |
|---|--------------------------------|---------------|---------------------|---------------|
| | Current Year | Previous Year | Current Year | Previous Year |
| 1. Interest | | | | |
| a) On Govt. Securities | - | - | - | - |
| b) Other Bonds/Debentures | - | - | - | - |
| 2. Dividend | | | | |
| a) On Shares | - | - | - | - |
| b) On Mutual Fund Securities | - | - | - | - |
| 3. Rent | - | - | - | - |
| 4. Other(specify) | - | - | - | - |
| TOTAL | - | - | - | - |
| TRANSFERRED TO EARMARKED/ ENDOWMENT FUNDS | - | - | - | - |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2018

SCHEDULE 16 - INCOME FROM ROYALTY, PUBLICATION ETC.

(Amount in ₹)

| | Current Year | Previous Year |
|--|---------------------|----------------------|
| SCHEDULE 16 - INCOME FROM ROYALTY, PUBLICATION ETC. | | |
| 1. Income from Royalty | - | - |
| 2. Income from Publication | - | - |
| 3. Others (specify) | - | - |
| TOTAL | - | - |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2018

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

(Amount in ₹)

| | Current Year | Previous Year |
|--|------------------|-----------------|
| SCHEDULE 17 - INTEREST EARNED ON TERM DEPOSITS/SAVING ACCOUNTS/LOAN | | |
| 1. On Term Deposits: | | |
| a) With Scheduled Bank | - | - |
| b) With Non-Scheduled Bank | - | - |
| c) With Institutions | - | - |
| d) Others | - | - |
| 2. On Saving Accounts: | | |
| a) With Scheduled Bank | 10,54,350 | 2,89,544 |
| b) With Non-Scheduled Bank | - | - |
| c) Post Office Saving Account | - | - |
| d) Others | - | - |
| 3. On Loans: | | |
| a) Employees/Staff | 3,488 | - |
| b) Others | - | - |
| 4. Interest on Debtors and Other Receivables | - | - |
| TOTAL | 10,57,838 | 2,89,544 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2018

SCHEDULE 18 - OTHER INCOME

(Amount in ₹)

| | Current Year | Previous Year |
|--|---------------------|----------------------|
| SCHEDULE 18 - OTHER INCOME | | |
| 1. Profit on Sale/disposal of Assets : | 20,000 | - |
| a) Owned Assets | - | - |
| b) Assets acquired out of grants, or received free of cost | - | - |
| 2. Export Incentives realized | - | - |
| 3. Fees for Miscellaneous Services (RTI) | 3,832 | 5,776 |
| 4. Miscellaneous Income | 56,731 | - |
| Total | 80,563 | 5,776 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES 20 FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2018

**SCHEDULE 19 - INCREASE/(DECREASE) IN STOCK OF FINISHED GOODS & WORK IN
PROGRESS**

(Amount in ₹)

| | | |
|--|----------|----------|
| SCHEDULE 19 - INCREASE/(DECREASE) IN STOCK OF FINISHED GOODS & WORK IN PROGRESS | | |
| a) Closing Stock | | |
| - Finished Goods | - | - |
| - Work-in-progress | - | - |
| b) Opening Stock | | |
| - Finished Goods | - | - |
| - Work-in-progress | - | - |
| NET INCREASE/(DECREASE) [a-b] | - | - |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES 20 FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.03.2018

SCHEDULE 20 - ESTABLISHMENT EXPENSES

(Amount in ₹)

| | Current Year | Previous Year |
|--|--------------------|--------------------|
| SCHEDULE 20 - ESTABLISHMENT EXPENSES | | |
| a) Salaries and Wages | 1,53,78,513 | 1,15,96,847 |
| b) Allowances and Bonus | 55,264 | 82,896 |
| c) Contribution to Provident Fund | - | - |
| d) Contribution to Other Fund (specify) | | |
| Superannuation Scheme | 5,18,255 | 6,54,683 |
| e) Staff Welfare Expenses | 1,37,142 | 2,93,957 |
| f) Expenses on Employees' Retirement & Terminal Benefits | - | - |
| g) Others (specify) | | - |
| Leave Salary & Pension Contributions | 16,54,446 | 3,38,377 |
| TOTAL | 1,77,43,620 | 1,29,66,760 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2018

SCHEDULE 21- OTHER ADMINISTRATIVE EXPENSES ETC.

(Amount in ₹)

| | Current Year | Previous Year |
|--|------------------|------------------|
| a. Purchases (Stationary) | 2,57,821 | 2,28,064 |
| b. Conveyance and Cartage | 35,990 | 22,866 |
| c. Repairs and maintenance (General + Computer) | 11,226 | 36,310 |
| d. Vehicles Running Expenses | 1,57,676 | 1,54,384 |
| e. Vehicles Maintenance | 55,980 | 1,56,759 |
| f. Postage, Telephone and Communication Charges | 1,01,870 | 1,66,904 |
| g. Printing, Publication and Periodicals | 1,76,456 | 1,11,002 |
| h. Travelling Expenses | 9,39,259 | 13,89,790 |
| i. Legal & Professional Expenses | 44,880 | 20,114 |
| j. Hospitality Expenses | 1,13,239 | 97,141 |
| k. Advertisement and Publicity | - | 54,071 |
| l. Audit Fees | - | - |
| m. Others (specify) | - | - |
| n. Bank Charges | 9,839 | 1,082 |
| o. Other Expenses# | 50,487 | 44,057 |
| p. Membership fees | 2,73,402 | 3,68,664 |
| q. Rent, Rates & Taxes | - | - |
| r. Deficit on sale of unusable assets/Disposal of Assets | 26,041 | - |
| s. Repairs and maintenance of Building | 10,374 | - |
| Total (I) | 22,64,540 | 28,51,208 |
| II. Payments Against Various Projects | | |
| Expenses on Training, Workshop & Conferences | 86,35,766 | 90,29,552 |
| Expenses on WAZA Conferences | - | - |
| Expenses on Research Projects | 57,95,400 | 35,63,000 |
| Monitoring & Evaluation Of Zoos | 7,76,718 | 7,52,972 |

| | Current Year | Previous Year |
|---|--------------------|--------------------|
| Ex-Gratia Payment to closed Mobile Zoos | - | - |
| Transportation Of Animals | - | - |
| Total (II) | 1,52,07,884 | 1,33,45,524 |
| III. Unspent balance of GIA refundable to Ministry | 85,96,152 | - |
| TOTAL (I+II+III) | 2,60,68,576 | 1,61,96,732 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2018

SCHEDULE 22- EXPENDITURE ON GRANTS, SUBSIDIES ETC.

(Amount in ₹)

| | Current Year | Previous Year |
|---|-----------------------|-----------------------|
| SCHEDULE 22- EXPENDITURE ON GRANTS, SUBSIDIES ETC. | | |
| a. Grant given to Institutions/ Organizations | | |
| Grant released to various zoos | 8,32,98,200.00 | 646,84,370.00 |
| Unspent grants-in-aid refundable to ministry | - | - |
| b. Subsidies given to Institutions/ Organizations | - | - |
| TOTAL | 8,32,98,200.00 | 6,46,84,370.00 |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2018

SCHEDULE 23 - INTEREST ON LOANS/FIXED LOAN

(Amount in ₹)

| SCHEDULE 23 - INTEREST ON LOANS/FIXED LOAN | Current Year | Previous Year |
|---|---------------------|----------------------|
| a) On Fixed Loan | | |
| b) On Other Loans (including Bank Charges) | - | - |
| c) Other (specify) | - | - |
| TOTAL | - | - |

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

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2018

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 ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2018

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, 2017 and the Income and expenditure Account for the year ended on that date.
6. The amount released to the various zoos has been accounted for as expenditure for the year in which the same was released.
7. During the financial year 2016-17, a sum of Rs.25,000/- was remitted to PAO VI, Tis Hazari, Delhi toward GPF subscription of Dr. D. N. Singh, MS for the month of October, 2016 and still could not be encashed till the end of the year. Hence reverse entries made against the amount in Cash Book and booked in "Prior Period items" under Capital Account.

8. During the financial year 2016-17 and 2017-18, the remittance of Rs. 1920/- and Rs. 240/- were made against the subscription of CGEIS Contribution of Dr. D. N. Singh, MS which could not encashed and accordingly made the reversed entries in the Cash Book on receipt side and other adjustment of relevant accounts books in the month of November, 2017 under "Misc. Items".
9. In the budget allocation of CZA for the year 2016-17 for salaries was Rs. 225.00 lakhs. However, due to non-operational of the 5 Regional Offices and non-implementation of 7th CPC recommendations, Rs. 1,39,03,848/- could be utilized from the said grant-in-aid during the year. The unutilized fund of Rs. 85,96,152/- has been refunded to the PAO, MOEF&CC at the end the financial year.
10. As directed by audit, the accrued interest received from the bank for the year 2017-18 has been incorporated with the annual accounts.

कार्यालय महानिदेशक लेखापरीक्षा
वैज्ञानिक विभाग नई दिल्ली-110002

सं.प्र.नि.वै.वि./प.ले./एस.ए.आर./CZA, New Delhi/2018-19/1046-1048

दिनांक:

सेवा में,

18 SEP 2018

✓
Dr. D.N. Singh,
Member Secretary,
Central Zoo Authority (MoEF&CC),
B-1 Wing, 6th Floor,
Deendayal Antyodaya Bhawan,
CGO Complex, Lodhi Road,
New Delhi-110003.



वि.
24/9/18
वि.सं. श्रीसुखर
श्री

विषय: वर्ष 2017-18 के लिए Central Zoo Authority, New Delhi का पृथक लेखापरीक्षा प्रतिवेदन।

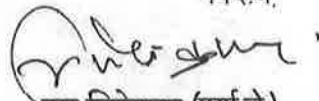
महोदय,

मुझे वर्ष 2017-18 के लिए Central Zoo Authority, New Delhi का पृथक लेखापरीक्षा प्रतिवेदन अग्रेषित करने का निर्देश हुआ है।

संसद के दोनों सदनों में प्रस्तुत करने से पहले वर्ष 2017-18 के वार्षिक लेखों को संस्थान के शासी निकाय द्वारा अनुमोदित किया/अपनाया जाए तथा इस संबंध में शासी निकाय द्वारा जारी किया गया रेज़ोल्यूशन ऑडिट को भेजा जाए। प्रत्येक दस्तावेज जो संसद में प्रस्तुत किया जाए उसकी तीन प्रतियाँ इस कार्यालय तथा दो प्रतियाँ भारत के नियंत्रक महालेखापरीक्षक को अग्रेषित की जाए। संसद के दोनों सदनों में प्रस्तुत करने की तिथियाँ भी इस कार्यालय को सूचित की जाए।

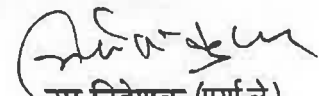
संलग्नक:- पृथक लेखापरीक्षा प्रतिवेदन व मैनेजमेंट लेटर

भवदीय,


उप निदेशक (पर्या.ले.)

प्रतिलिपि: (1) वरिष्ठ प्रशासनिक अधिकारी, भारत के नियंत्रक महालेखापरीक्षक का कार्यालय, नई दिल्ली को पत्र सं. 419-RC(AB)/SAR/CZA/01-76/2018 दिनांक 31.08.2018 के क्रम में सूचनार्थ भिजवाया जा रहा है। मुख्यालय द्वारा दर्शित टिप्पणियों एवं आशोधनों को ध्यान में रखते हुए अंतिम रूप दे दिया गया है तथा मुख्यालय के उत्तर संशोधित प्रति सूचना एवं आवश्यक कार्यवाही हेतु प्रेषित है।

(2) सचिव वन पर्यावरण और जलवायु परिवर्तन मंत्रालय, अलीगंज, जोर बाग रोड़, नई दिल्ली-110003।


उप निदेशक (पर्या.ले.)

Separate Audit Report on the Accounts of Central Zoo Authority, New Delhi for the year ended 31 March, 2018

We have audited the attached Balance Sheet of Central Zoo Authority (CZA), as at 31st March 2018, Income & Expenditure Account and Receipts & Payments Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 38E 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 draft Separate Audit Report contains the comments of the Comptroller and Auditor General of India (CAG) on the accounting treatment only with regard to classification, in 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 Receipts & Payments Account dealt with by this report have been drawn up in the format approved by the Ministry of Finance.

(iii) In our opinion, proper books of accounts and other relevant records have been maintained by the CZA as required under Section 38E 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

1. Assets

1.1 Fixed Assets 'Rs. 37.53 lakh'

The intangible asset 'Computer Software' which was depreciable at the rate of 60 percent i.e. Rs. 4.68 lakh during 2017-18. However, the Authority had under-charged the depreciation of only Rs. 1.95 lakh (at the rate of 25 percent). This had resulted in overstatement of fixed assets by Rs. 2.73 lakh besides understatement of expenditure by the same extent.

1.2 Current Assets 'Rs. 182.11 lakh'

An expenditure of Rs. 2.73 lakh incurred towards annual membership fee for the year 2018 (January to December 2018) to International Associations {viz. Rs. 1.94 lakh to World Association of Zoos and Aquariums (WAZA) and Rs. 0.79 lakh to Conservation Planning Specialist Group (CPSG)} instead of taking the proportionate amount of Rs. 2.05 lakh as 'Prepaid Expenses' under 'Current Assets'. This had resulted in understatement of Current Assets besides overstatement of expenditure both by Rs. 2.05 lakh.

B. Income & Expenditure Account

1. Expenditure 'Rs. 1280.72 lakh'

(i) CZA booked an amount of Rs. 8.70 lakh under towards Establishment and Other Administrative Expenses which pertained to the period 2016-17. Thus, CZA had overstated the expenditure during 2017-18 on account of these items (Salary for March 2017, telephone bills, petrol, water, staff allowances etc.) by Rs. 8.70 lakh besides understatement of prior-period expenditure by the same amount.

2. Income 'Rs. 1270.54 lakh'

2.1 Schedule-13 'Grants/Subsidies' pertaining to Income & Expenditure Account of CZA disclosed receipts of Rs. 103.25 lakh under the head 'Unspent balance of Grants-in-aid refunded by Zoos during 2017-18'. As any unspent balance of grants-in-aid provided by the Ministry of Environment, Forests and Climate Change (MoEF&CC) needs to be depicted under Section-A(4)(i) 'Unspent Grants-in-Aid' by the CZA. Treating it as income by the Authority, during 2017-18 again, had resulted in overstatement of Income and understatement of current liabilities both by Rs. 103.25 lakh.

2.2 As per Recognition of Zoo Rules 2009, a zoo should make an application to the CZA three months before the expiry of the period of recognition alongwith a fee of Rs. 5000/- for renewal of recognition. There were 20 number of Zoo who did not apply within the prescribed limit and defaulted in timely submission of renewal-fee as on 31.3.2018. However, CZA did not take into account the accrued income of Rs. 1.00 lakh out of fee receivable from these entities which resulted in understatement of income besides understatement of current assets by Rs. 1.00 lakh.

C. General:

(i) Static balances

Scrutiny of the accounts revealed the static balances under various schedules of the balance sheets as detailed below:

| Sl. No. | Schedule/Head | Balance as on 31.3.18 (Amount in Rs.) | Amount lying since year |
|---------|--|--|-------------------------|
| 1. | Sch.7-Current Liabilities-Sundry Creditors-Others (for WAZA expenses) | 147000.00 | 2014-15 |
| 2. | Sch.7-Current Liabilities-Other Current Liabilities-Unspent amount of Wild Life Week Celebration | 5559.00 | 2015-16 |
| 3. | Sch.7-Provisions-Leave salary & Pension Contribution | 297706.00 | 2015-16 |
| 4. | Sch.11-Current Assets-Advance payment for purchases-CPWD for renovation | 505127.00 | 2015-16 |

These static balances were long standing in the accounts. As these amounts were required to be released/recovered (as the case may be), efforts may be made by the Authority to settle these balances that were kept pending without any justification.

(ii) Non-Provisioning for Terminal Benefits

CZA did not make any provision for 'Terminal Benefits' viz. Gratuity, Accumulated Earned Leaves' of its officers/officials and a 'Nil' balance was reflected in both Schedule-7 'Current Liabilities and Provisions' and/or Schedule-20 'Establishment Expenses' of the accounts.

D. Grants-in-Aid

CZA received grants-in-aid of Rs. 1150.00 lakh and Rs. 153.59 lakh as other receipts during 2017-18 besides an opening bank/imprest balance of Rs. 174.08 lakh. Out of total amount of Rs. 1477.67 lakh, the Authority had made payments of Rs. 1305.79 lakh, leaving a closing bank/imprest balance of Rs. 171.88 lakh.

E. 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 Accounts and Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.
- (vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated and other matters mentioned in Annexure to this Audit Report give true and fair view in conformity with accounting principles generally accepted in India.
 - a. In so far as it related to the Balance Sheet, of the state of affairs of the CZA, as at 31st March 2017 and
 - b. In as far as it related to Income & Expenditure Accounts, of the *deficit* for the year ended on that date.

Place: New Delhi

For and on behalf of the C&AG of India

Date: 12.09.2018

Manish Kumar

Director General of Audit (SD)

‘Annexure – I’

1. Adequacy of Internal Audit System

Internal Audit of the Authority was required to be conducted by the internal audit wing of Principal Pay & Accounts Office of the Ministry of Environment, Forests and Climate Control (MoEF&CC), New Delhi which was completed upto March 2017. A total number of 15 paras (four pertained to 2010-12 and 11 of 2012-17) were outstanding till date (July 2018).

2. Adequacy of the Internal Control System

- i. The Utilization Certificates (UCs) for Rs. 381.68 lakh were still awaited from 17 Zoos in respect of grants-in-aid released from 2008-09 to 2016-17.
- ii. Bank Reconciliation Statement: CZA had furnished the bank reconciliation statement for the month of March/April 2018 which shows no outstanding cheque prior to February 2018.
- iii. Improper Budgeting: As per DDG 2018-19, CZA was allocated with Grants-in-aid of Rs. 11.50 crore during 2017-18 under the object head-31 ‘Grants-in-aid General’ (Rs. 9.80 crore) and 36-Grants-in-aid Salaries’ (Rs. 1.70 crore). Out of this, an amount of Rs. 8.33 crore released to various zoos which included Rs. 4.72 crore towards developmental work viz. construction of Veterinary Hospital, Construction of animal enclosures and standoff barriers etc. However, the CZA did not made its budgetary provisions while including these provisions for release of ‘Grants-in-aid for creation of capital assets’ under object head-35 and release the general purpose grant for these capital items which shows improper budgeting by the Authority.
- iv. *Non-maintenance of record of assets created out of Grants-in-aid to institutions:* As per GFR 233, assets created out of Grants-in-aid for creation of capital assets can be retained or disposed-off by the grantee institution with the prior approval of the Authority. However, the Authority did not maintain any record of the assets created out of grants provided for creation of capital assets to various grantee institutions.
- v. The provisional Utilisation Certificate(s) for the financial year 2017-18 in respect of the grants-in-aid received by the Authority from MoEF&CC were not sent as per Form 12-A (under Rule 238) of GFRs 2017.
- vi. Surprise check of Cash was not carried out despite repeatedly pointed-out in audit.

3. System of Physical Verification of Inventory

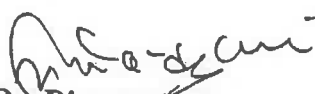
The physical verification of consumable items has been conducted upto March 2018.

4. System of Physical Verification of Assets

The Physical verification of Assets have been carried out for the period upto March, 2018.

5. Regularity in payment of Statutory dues.

The Central Zoo Authority was regular in depositing statutory dues.


Dy. Director (EA)



भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 1492]

नई दिल्ली, बुधवार, मई 24, 2017/ज्येष्ठ 3, 1939

No. 1492]

NEW DELHI, WEDNESDAY, MAY 24, 2017/JYAISTHA 3, 1939

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली, 18 मई, 2017

का.आ. 1685(अ).—केंद्र सरकार, वन्यजीव (संरक्षण) अधिनियम, 1972 (1972 का 53) की धारा 38क और 38ख की उप-धारा (1) में प्रदत्त शक्तियों का प्रयोग करते हुए, और पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, भारत सरकार की दिनांक 19 मई, 2014 की अधिसूचना संख्या का.आ. 1397 (ई) का अधिक्रमण करते हुए, ऐसे अधिक्रमण से पहले इसके संबंध में कही गई या कहने से छोड़ी गई बातों के सिवाय एतद्द्वारा केंद्रीय चिड़िया-घर प्राधिकरण का पुनर्गठन करती है और निम्नलिखित सदस्यों की नियुक्ति करती है अर्थात:-

1. मंत्री —अध्यक्ष
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय,
भारत सरकार
नई दिल्ली
2. सचिव, भारत सरकार —सदस्य
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय,
भारत सरकार, नई दिल्ली
3. वन महानिदेशक और विशेष सचिव —सदस्य
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय,
भारत सरकार, नई दिल्ली

- | | |
|--|-------------|
| 4. अपर वन महानिदेशक (वन्यजीव) एवं निदेशक, वन्यजीव संरक्षण, पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, भारत सरकार, नई दिल्ली | —सदस्य |
| 5. अपर सचिव एवं वित्तीय सलाहकार, पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, भारत सरकार, नई दिल्ली | —सदस्य |
| 6. निदेशक भारतीय वन्यजीव संस्थान, देहरादून, उत्तराखंड | —सदस्य |
| 7. निदेशक भारतीय पशु-चिकित्सा अनुसंधान संस्थान, बरेली, उत्तर प्रदेश | —सदस्य |
| 8. मुख्य कार्यकारी अधिकारी वर्ल्ड-वाइड फंड फॉर नेचर इंडिया, नई दिल्ली | —सदस्य |
| 9. अभिलाष खांडेकर वरिष्ठ पत्रकार, 1/8 आईएनएस बिल्डिंग, रफी मार्ग, नई दिल्ली-110001 | —सदस्य |
| 10. सी.एस. यलक्की, भारतीय वन सेवा (सेवानिवृत्त), मकान नं. 1604 ई एंड एफ ब्लॉक, रामकृष्ण नगर, मैसूर-570023 कर्नाटक | —सदस्य |
| 11. भारत पाठक भारतीय वन सेवा (सेवानिवृत्त) (1984), प्लॉट नं. 64, स्मॉल शापिंग सेंटर के पास, गांधी नगर- 382007 गुजरात | —सदस्य |
| 12. सदस्य सचिव केन्द्रीय चिड़िया प्राधिकरण, नई दिल्ली | —सदस्य सचिव |

विचारार्थ विषय :- केन्द्रीय चिड़ियाघर प्राधिकरण उपर्युक्त अधिनियम के तहत उसे सौंपा गया कार्य करेगा।

टिप्पणी :- अध्यक्ष और सदस्यों का कार्यकाल इस अधिसूचना के प्रकाशन की तारीख से तीन साल की अवधि के लिए होगा।

[फा. सं. 5-3/2017-डब्ल्यूएल]

सौमित्रा दासगुप्ता, वन महानिरीक्षक (वन्यजीव)

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 18th May, 2017

S.O. 1685(E).— In exercise of the powers conferred by section 38A and sub-section (1) of section 38B of the Wild Life (Protection) Act, 1972 (53 of 1972), and in supersession of the notification of the Government of India in the Ministry of Environment, Forests and Climate Change number S.O. 1397(E), dated the 19th May, 2014, except as respects things done or omitted to be done before such supersession, the Central Government hereby re-constitutes the Central Zoo Authority and appoints the following members, namely:-

- | | |
|---|--------------|
| 1. Minister Ministry of Environment, Forests and Climate Change, Government of India New Delhi | —Chairperson |
| 2. Secretary to the Government of India Ministry of Environment, Forests and Climate Change, Government of India, New Delhi | —Member |
| 3. Director General of Forests and Special Secretary Ministry of Environment, Forests and Climate Change, Government of India, New Delhi | —Member |
| 4. Additional Director General of Forests (Wildlife) and Director, Wildlife Preservation, Ministry of Environment, Forests and Climate Change, Government of India, New Delhi | —Member |
| 5. Additional Secretary and Financial Advisor, Ministry of Environment, Forests and Climate Change, Government of India, New Delhi | —Member |

- | | | |
|-----|--|-------------------|
| 6. | Director Wildlife Institute of India, Dehradun, Uttarakhand | —Member |
| 7. | Director Indian Veterinary Research Institute, Bareilly, Uttar Pradesh | —Member |
| 8. | The Chief Executive Officer World Wide Fund for Nature India, New Delhi | —Member |
| 9. | Abhilash Khandekar Senior Journalist 1/8 INS Building, Rafi Marg New Delhi-110001 | —Member |
| 10. | C. S. Yalakki IFS Retd. House No. 1604 E&F Block Ramakrishna Nagar Mysore-570023 Karnataka | —Member |
| 11. | Bharat Pathak Retd. IFS (1984) Plot No. 64, Near Small Shopping Center Gandhinagar 382007 Gujarat | —Member |
| 12. | Member Secretary Central Zoo Authority, New Delhi | —Member Secretary |

Terms of Reference:- The Central Zoo Authority shall perform the functions assigned to it under the said Act.

Note: The term of office of the Chairperson and Members shall be for a period of three years with effect from the date of publication of this notification.

[F. No. 5-3/2017-WL]

SOUMITRA DASGUPTA, Inspector General of Forests (WL)



Central Zoo Authority

(Statutory body of the Ministry of Environment, Forest and Climate Change)

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