



Annual Report -2022-23

WILD ANIMAL CONSERVATION CENTRE MOTIJHARA SAMBALPUR

Contents

| Sl. No. | Particulars | Page No. | Sl. No. | Particulars | Page No. |
|---------|--|----------|---------|--|----------|
| 1 | Report of the Officer-in-charge | 1 | 16 | Disinfection Schedule | 11-12 |
| 2 | History of the Zoo | 1 | 17 | Health Check-up of employees for zoonotic diseases | 12 |
| 3 | Vision | 2 | 18 | Development Works carried out in the zoo during the year | 12-15 |
| 4 | Mission | 2 | 19 | Education and Awareness programmes during the year | 15 |
| 5 | Objective | 2 | 20 | Important Events and happenings in the zoo | 15 |
| 6 | About us | 2-4 | 21 | Seasonal special arrangements for upkeep of animals | 15-16 |
| 7 | Organizational Chart | 4 | 22 | Research Work carried out and publications | 16 |
| 8 | Human Resources | 5 | 23 | Conservation Breeding Programme of the Zoo | 17 |
| 9 | Capacity Building of the zoo personnel | 5 | 24 | Animal acquisition / transfer / exchange during the year | 17 |
| 10 | Zoo Advisory Committee | 5 | 25 | Rescue and Rehabilitation of the wild animals carried out by the zoo | 17 |
| 11 | Health Advisory Committee | 5 | 26 | Annual Inventory of animals | 18-19 |
| 12 | Statement of Income and Expenditure of the Zoo | 6 | 27 | Monthly livestock return for month of March-22 | 20-21 |
| 13 | Daily feed Schedule of animals | 6-10 | 28 | Mortality of animals. | 21 |
| 14 | Vaccination Schedule of animals | 10 | 29 | Status of the Compliance with conditions stipulated by the Central Zoo Authority | 22 |
| 15 | De-worming Schedule of animals | 10-11 | 30 | List of free-living wild animals within the zoo premises | 23 |

(3/26)

1. Report of the Officer-in-charge:- Divisional Forest Officer, Hirakud Wildlife Division, Sambalpur

2. History of the Zoo:-

The present-day **Wild Animal Conservation Centre (WACC)** had made its humble beginning as the **Motijharan Deer Park**, With 6 Ha. of area inside Motijharan RF in the year 1980. It was established with the main aim of keeping of deer for purpose of recreation of public as well as conservation of some wild animals rescued from captivity. At the inception of the Deer Park, the animals placed at display were 69 numbers of mammals, 3 birds and 1 reptile. It was under the administrative control of Sambalpur Territorial Division. Subsequently, it was transferred to Badrama Wild Life Division with effect from 01.04.1986 vide the office order no. 10/F (WL). 20/86-224 dated. 27.02.86 of the CCF, Orissa, Cuttack. The Central Zoo Authority, New Delhi, approved its existence vide Memo no. 19-3/93 CZA 20611 dt. 09.10.1996. In the year 2000, the area of the then Motijharan Deer Park, was extended from 6 hectares to 13.16 hectares. Subsequently efforts were made to obtain recognition as a mini zoo from the CZA of India. Accordingly, the Deer Park got the status of a Mini Zoo in the year 2005 vide CZA F.No.19-3/93-CZA (201) (Vol II) (M) dated 10.08.2005, valid up to 31.08.2009. In the year 2006 in order to recognize of the efforts for conservation and rehabilitation of 4 bear cubs seized in a wild life case, the Deer Park was renamed as Wild Animal Conservation Centre on 17.06.2006. Subsequently, the Centre was given recognition as a Rescue Centre vide CZA F.No.19-3/93-CZA (201) (M) dated 27.07.2010, valid up to 31.07.2011. Currently It has been bestowed the status of a small zoo renewed by CZA vide CZA Office Memorandum F No.7-10/2020-CZA(Part-1) dated 25.08.2020 valid upto 19.08. 2021. After evaluation of the technical committee of the Central Zoo Authority held on 27.09.2022, the renewal of recognition of Wild Animal Conservation Centre, Motijharan, Sambalpur for a period upto December 7th, 2024 vide File No. 19-3/93- CZA(201)(NE) dt. 12.12.2022 of the CZA Authority, New Delhi. Thus, it is the second largest Govt. owned ex-situ conservation facility in Odisha exhibiting maximum number of species, after Nandankanan Biological Park.



- 3. Vision:-** The vision of Wild Animal Conservation Centre, Motijharan, Sambalpur is mentioned below:
- I. To Supplement in-situ conservation in Western Odisha Forests through viable ex-situ conservation measures.
 - II. Promotion of awareness among the public on conservation of wild animals, wildlife education research on conservation breeding.
- 4. Mission:-** To maintain proper ex-situ conservation facilities in order to ensure rescue and rehabilitation of wildlife..
- 5. Objective**
- a. Captive breeding of rare and endanger species, specially those of Western Odisha region.
 - b. Creation of Public awareness on Wildlife Conservation, especially ex-situ conservation.
 - c. Rescue and rehabilitation of Wild Animals and birds rescued from captivity.

6. About us

| S.No. | Particulars | Information |
|-------|-------------------------------|---|
| | | Basic Information about the Zoo |
| 1 | Name of the Zoo | Wild Animal Conservation Centre, Sambalpur |
| 2 | Year of Establishment | 1980 |
| 3 | Address of the Zoo | Wild Animal Conservation Centre, Deer Park, Motijharan, Sambalpur |
| 4 | State | Odisha |
| 5 | Telephone Number | +91-63729-05063 |
| 6 | Fax Number | NIL |
| 7 | E-mail address | waccsbp.21@gmail.com |
| 8 | Website | NIL |
| 9 | Distance from nearest | Airport:- 60 KM Railway Station:- 3 KM Bus Stand:- 3KM |
| 10 | Recognition Valid upto (Date) | 19.08.2021 |

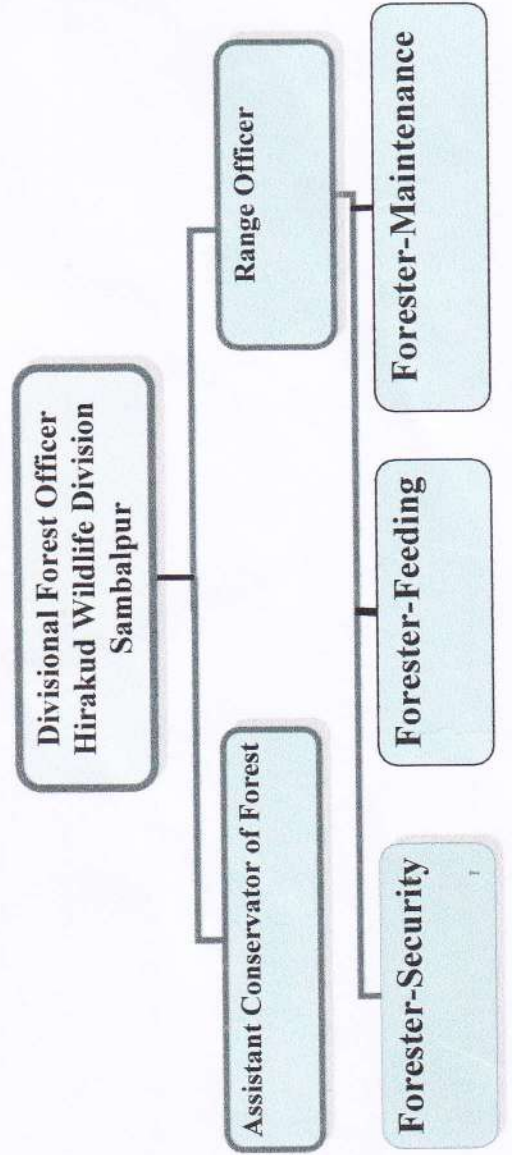
(5/2021)

| S.No. | Particulars | Information |
|--|--|---|
| 11 | Category of zoo | Small Zoo |
| 12 | Area (in Hectares) | 13.16 Ha. |
| 13 | Number of Visitors (Financial Year) | Adult :- 5 year above-173816nos during the financial year 2022-23 Children :- NIL Total Indian :- 1,73,816 nos. Total Foreigners :- NIL Total Visitors:- 1,73,816 nos. |
| 14 | Visitors' Facilities Available in Zoo | <ol style="list-style-type: none"> 1. 3nos of Mini Children Park with playing instruments for children. 2. Mini artificial Water fall. 3. Hill Track (0.5kms) 4. Sit out area 5. Garden 6. Visitors Shed 7. Cool Aqua-guard drinking water 8. Toilet Room (Gents/Ladies) 9. Kiosk 10. Paver laid parking area 11. Wheel Chair for physically handicapped person. 12. Mini Aquarium 13. First Aid Measure |
| 15 | Weekly Closure Day of the Zoo | Every Monday |
| Management Personnel of the zoo | | |
| 16 | Name with designation of the Officer in-charge | Sri Goutam Balua,Fr.,I/c Range Officer |
| | Name of the Veterinary Officer | Dr. Nabin Kumar Mishra |
| | Name of the Curator | NIL |
| | Name of the Biologist | NIL |
| | Name of the Education Officer | NIL |

(Signature)

| S.No. | Particulars | Information |
|------------------------------------|--|---|
| | Name of the Compounder/ Lab Assistant | NIL |
| Owner / Operator of the Zoo | | |
| 17 | *Name of the Operator | Divisional Forest Officer, Hirakud Wildlife Division, Sambalpur |
| 18 | Address of the Operator | At- Deer Park, Motijharan Po/Dist.- Sambalpur, PIN-768001 |
| 19 | Contact details/Phone number of Operator | 94379-60604 |
| 20 | E-mail address of Operator | dfohirakudwl.od@gov.in |

7. Organizational Chart



(Handwritten signature)

8. Human Resources**Manpower of the Zoo***

| Sl.No. | Designation | Number of Sanctioned Posts | Names of the incumbent |
|--------|-------------------|----------------------------|--|
| 1 | Forest Ranger | 1 | Nil |
| 2 | Dy. Range Officer | - | Nil |
| 3 | Zoo Veterinarian | 1 | 1.Dr. Nabin Kumar Mishra |
| 4 | Forester | 2 | 1.Sri Goutam Balua,I/c R.O 2.Smt. Tapaswini Swain |
| 5 | Forest Guard | 3 | 1.Smt. Pratima Pradhan 2. Meeta Rani Mahapatra |
| 6 | Animal Keeper | 2 | 1. Sri Sushanta Ku.Dhaunlia |

9. Capacity Building of zoo personnel

| Sl.No. | Name and designation of the zoo personnel | Subject matter of Training | Period of Training | Name of the Institution where the Training attended |
|--------|---|----------------------------|--------------------|---|
| - | - | - | - | - |

10. Zoo Advisory Committee -

- Date of constitution: Nil
- Members : Nil
- Dates on which Meetings held during the year : Nil

11. Health Advisory Committee-

- Date of constitution : Nil
- Members : Nil
- Dates on which Meetings held during the year: Nil

(8/26)

12. Statement of income and expenditure of the Zoo upto March-2022.

| Sl No. | Particulars | Amount | Expenditure |
|--------|------------------|-----------------|---------------------------|
| 1 | Zoo Entry-Ticket | Rs.17,38,160.00 | Deposited in Corpus Fund. |
| 2 | Parking Fees | Rs. 15,600.00 | -do- |
| 3 | Kiosk | Rs.21,576.00 | -do- |

13. Daily feed Schedule of animals

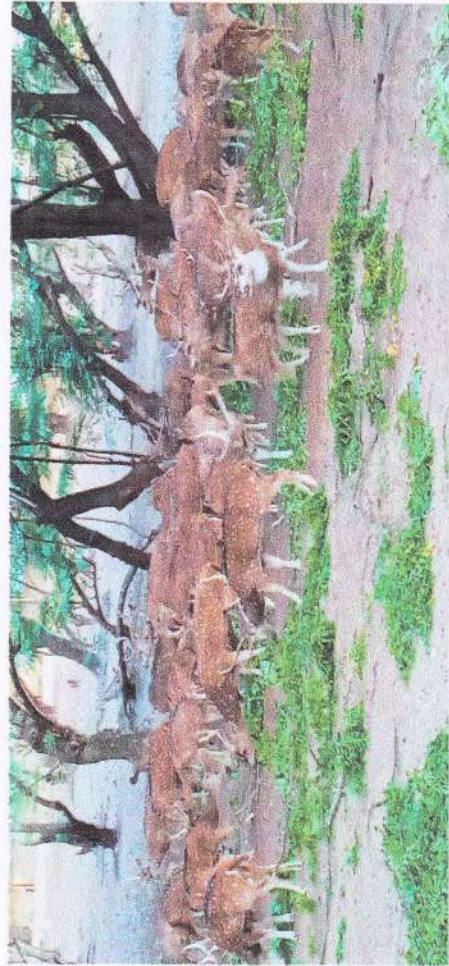
| Sl.No. | Species | Feed item | Quantity | | Day of fasting |
|-------------------------|---------------------------------|-------------------------|---------------------|--------------|----------------|
| | | | Winter | Summer | |
| 1 | Spotted Deer (121nos) 121 kg | Kulthi 20.5% | 0.205kg | 0.205kg | |
| | | Chokar 23% | 0.23kg | 0.23kg | |
| | | Maka 25.50% | 0.255kg | 0.255kg | |
| | | Kunda 23% | 0.23kg | 0.23kg | |
| | | B.Cake 5.50% | 0.055kg | 0.055kg | |
| | | Salt 1.25% | 0.0125kg | 0.0125kg | |
| | | Vitamin & Mineral 1.25% | 0.0125kg | 0.0125kg | |
| | | Grass | 3kg | 3kg | |
| | | Fodder | 1kg | 1kg | |
| | | 2 | Sambar (39nos) 78kg | Kulthi 20.5% | 0.41kg |
| Chokar 23% | 0.46kg | | | 0.46kg | |
| Maka 25.50% | 0.51kg | | | 0.51kg | |
| Kunda 23% | 0.46kg | | | 0.46kg | |
| B.Cake 5.50% | 0.11kg | | | 0.11kg | |
| Salt 1.25% | 0.025kg | | | 0.025kg | |
| Vitamin & Mineral 1.25% | 0.025kg | | | 0.025kg | |
| Grass | 6kg | | | 6kg | |
| Fodder | 2kg | | | 2kg | |
| Vegetable | 182gm | | | 182gm | |

(9/26)

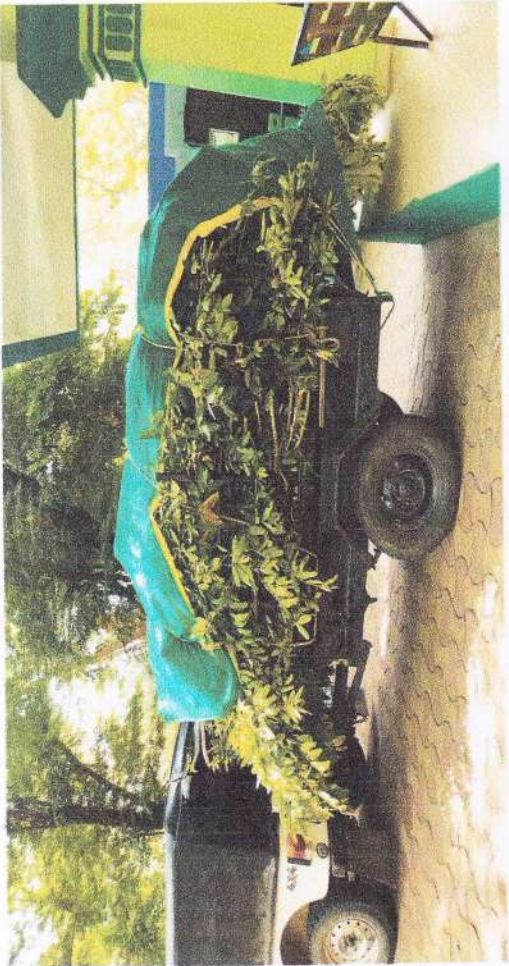
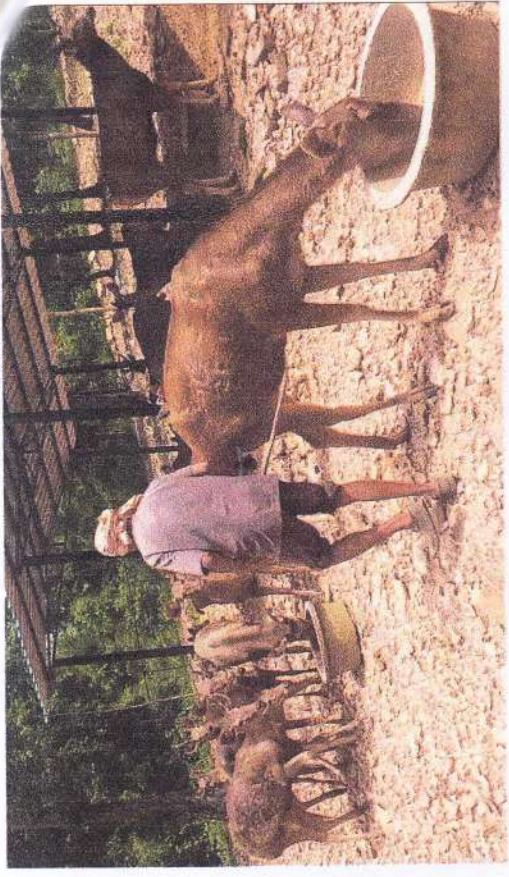
| | | | | | |
|---|------------------------------|---|---|---|---|
| 3 | Barking Deer (14nos) 7 kg | Kulthi 20.5% Chokar 23% Maka 25.50% Kunda 23% B.Cake 5.50% Salt 1.25% Vitamin & Mineral 1.25% Grass Fodder | 0.1025kg 0.115kg 0.1275kg 0.115kg 0.0275kg 0.00625kg 0.00625kg 1.5kg 0.500kg | 0.1025kg 0.115kg 0.1275kg 0.115kg 0.0275kg 0.00625kg 0.00625kg 1.5kg 0.500kg | 0.1025kg 0.115kg 0.1275kg 0.115kg 0.0275kg 0.00625kg 0.00625kg 1.5kg 0.500kg |
| 4 | Chousingha (30nos) 9 kg | Kulthi 20.5% Chokar 23% Maka 25.50% Kunda 23% B.Cake 5.50% Salt 1.25% Vitamin & Mineral 1.25% Grass Fodder Green Leaf Vegetable | 0.0615kg 0.069kg 0.0765kg 0.069kg 0.0165kg 0.00375kg 0.00375kg 0.9kg 0.3kg 43.10gm 69gm | 0.0615kg 0.069kg 0.0765kg 0.069kg 0.0165kg 0.00375kg 0.00375kg 0.9kg 0.3kg 43.10gm 69gm | 0.0615kg 0.069kg 0.0765kg 0.069kg 0.0165kg 0.00375kg 0.00375kg 0.9kg 0.3kg 43.10gm 69gm |
| 5 | Wild-Boar (1no) 1 kg | Kulthi 20.5% Chokar 23% Maka 25.50% Kunda 23% B.Cake 5.50% Salt 1.25% Vitamin & Mineral 1.25% Rice Biri Dal | 0.205kg 0.23kg 0.255kg 0.23kg 0.055kg 0.0125kg 0.0125kg 500gm 8gm | 0.205kg 0.23kg 0.255kg 0.23kg 0.055kg 0.0125kg 0.0125kg 500gm 8gm | 0.205kg 0.23kg 0.255kg 0.23kg 0.055kg 0.0125kg 0.0125kg 500gm 8gm |
| 6 | Sloth Bear (4nos) | Omfed Milk Rice Biri Dal Honey Sugar-Cane/Guda Seasonal Fruits Chicken/Mutton | 2 pkt 0.5kg 37.5gm 20gm 58.7gm 0.5kg 1.5kg | 2 pkt 0.5kg 37.5gm 20gm 58.7gm 0.5kg 1.5kg | 2 pkt 0.5kg 37.5gm 20gm 58.7gm 0.5kg 1.5kg |
| 7 | Leopard (1no) | Live Hen | 1kg | 1kg | 1kg |
| 8 | Python (3nos) | Omfed Milk Rice | 0.33pkt 50gm | 0.33pkt 50gm | 0.33pkt 50gm |
| 9 | Civet-Cat (6nos) | | | | |

(10/26)

| | | | | |
|----|-----------------------|-------------------|-----------|-----------|
| 10 | Fox (1no) | Banana | 3pcs | 3pcs |
| | | Chicken | 75gm | 75gm |
| 11 | Pea-fowl (5nos) | Rice | 100gm | 100gm |
| | | Chicken | 100gm | 100gm |
| 12 | Monkey (2nos) | Grain, Wheat etc. | 500gm | 500gm |
| | | Green-Leaf | 250gm | 250gm |
| 13 | Parakeet/Dove (69nos) | Apple | 200gm | 200gm |
| | | Banana | 6pcs | 6pcs |
| | | Vegetable | 350gm | 350gm |
| | | Grain | 50gm | 50gm |
| 14 | Exotic Birds (30nos) | Banana | 0.11pcs | 0.11pcs |
| | | Apple | 0.00192kg | 0.00192kg |
| | | Grain | 0.00384kg | 0.00384kg |
| 15 | Giant Squirrel (1no) | Poultry Feed | 0.0222gm | 0.0222gm |
| | | Vegetable | 300gm | 300gm |
| 16 | Mongoose (1no) | Chicken | 50gm | 50gm |
| | | Rice | 50gm | 50gm |



(11/26)



(2/21)



14. Vaccination Schedule of animals

| Sl.No. | Species | Disease vaccinated for | Name of the Vaccine and dosage/ quantity used | Periodicity | Remarks |
|--------|------------|--------------------------------|---|-------------|---------------------------------|
| 1 | Chousingha | Hemoragic Septicemia, BQ & FMD | Raksha Vaccination Tri-o-vsc | 25.10.2022 | Next booster dose after 9 month |
| 2 | Chousingha | Hemoragic Septicemia, BQ & FMD | Raksha Vaccination Tri-o-vsc | 31.10.2022 | Next booster dose after 9 month |

15. De-worming Schedule of animals

| Sl.No. | Items | Computation of dose & Qnty | Total Qnty |
|--------|---|--|---------------------|
| 1 | Deworming (in every 3 month interval) | Fenzole-5 mg / kg body of i.e. 1ml per 5 kg body -Spotted deer Avg body wt. of 30kg-140 no. x 30kg =42 Q x 20ml =840 ml or 1 litre -Chousingha Avg body wt. of 10kg-30 no. x 10kg =3Q X 20ml=60 ml -Barking deer Avg body wt. of 10kg-22 no. x 10 kg=2.2Q X 20no.=40 ml -Sambar deer Avg body wt. of 150 kg-40 no. x 150 kg =60Q X 20ml=1 lit 200 ml | 2.5 lit |
| 2 | Antibiotic (in every 3 month interval for 3 days) | Cephalixin powder -Large animal- 20g per 150 kg-40 no. x 20g pouch =40 pouch daily | 216 pouch or 22 box |

(12/10/22)

| | | | | |
|---|---|---|---|-------------------|
| 3 | Vitamin & mineral mixture (daily) | -Small animal-200 no. x 20g = 32 pouch daily 72 pouch daily x 3 -Large animal 30g per animal-30g x 40 no. x 360 =432 kg -Small animal 15g per animal-15g x 200 no. x 360 =1080 kg 1512 or 1500 kg | -Small animal-200 no. x 20g = 32 pouch daily 72 pouch daily x 3 -Large animal 30g per animal-30g x 40 no. x 360 =432 kg -Small animal 15g per animal-15g x 200 no. x 360 =1080 kg 1512 or 1500 kg | 1500kg or 60 bag |
| 4 | Liver tonic (in every 3 month interval at the time of deworming for 5 days i.e. 2 days prior to & 2 days post deworming & 1 day on deworming day) | -Large animal-30 ml daily-30ml x 40 no.=1200ml -Small animal-200 no. x 10 ml=2 lit. | -Large animal-30 ml daily-30ml x 40 no.=1200ml -Small animal-200 no. x 10 ml=2 lit. | 5 lit x 4 jar |
| 5 | Calcium tonic (in every 3 month interval for 5 days) | -Large animal-50 ml daily-50ml x 40 no.=2 lit/day -Small animal-10 ml daily-200 no. x 10 ml=2lit/day | -Large animal-50 ml daily-50ml x 40 no.=2 lit/day -Small animal-10 ml daily-200 no. x 10 ml=2lit/day | 20 lit x 1 jar |
| 6 | Vitamin ADE & H syrup (in every 3 month interval for 5 days) | -Large animal-20ml x 40 no.=800ml or 1 lit.daily -Small animal-200 no. x 5 ml=1 lit. daily | -Large animal-20ml x 40 no.=800ml or 1 lit.daily -Small animal-200 no. x 5 ml=1 lit. daily | 1 lit x 10 bottle |
| 7 | Electrolyte powder (during 4 month of summer stress i.e. March to June) | -Large animal-50g x 40 no. =2 kg daily -Small animal-15g x 200 no.=3 kg daily 5 kg daily | -Large animal-50g x 40 no. =2 kg daily -Small animal-15g x 200 no.=3 kg daily 5 kg daily | 6 qntl |

16. Disinfection Schedule

| Sl.No. | Species | Type of enclosure | Disinfectant used and method | Frequency of disinfection |
|--------|---|--|--|---------------------------|
| 1 | All Species | All open enclosure | Weeds clearance within the enclosure during rainy season & after rains is being carried out. | During after rainy season |
| 2 | - | Entry Gate, Public Toilet, Visitor sit out area, drain | Weekly bleaching the Entry Gate area, Public Toilet area along the paths & drinking area site, drain etc and Sanitize Main Gate. | Weekly once |
| 3 | Sloth Bear, Exotic Birds & Monkey | Housed enclosure | Turmeric Powder are provided with food (Mixed in the time of cooking food) | Every alternate day |
| 4 | Exotic Birds, Monkey & Chousingha | Open Enclosure & Housed Enclosure | Neem tree branches are provided to Chousingha, Birds & Monkey | Jan, Apr, July, Oct |
| 5 | Chousingha, Exotic Birds, Small Animals | -do- | Boiling the utensils in the hot water for once a week | Once a week |
| 6 | Exotic Birds | Housed (Aviary) Enclosure | Sand filling of surface area and taking out the waste materials and filling new | Once a year |
| 7 | All Species | All Enclosure | Liming, colouring & Painting inside & outside wall | Once a year |

(14/26)

| | | | |
|----|-----------------------|---|-----------------|
| | | surface of the enclosure followed by painting the grills & gate | |
| 8 | All ungulates species | Liming the surface of enclosures after separating the animals | Twice in a year |
| 9 | All species | Cleaning & washing the feeding & water container, floor, cages with potassium permanganate solution, Phenyl applying to outside drain & corridor of each enclosure | Once in a day |
| 10 | All Species | Footbath are prepared with potassium permanganate solution (Staffs are entered through footbath by cleaning their leg in potassium permanganate solution every day) | Every day |

17. Health Check-up of employees for zoonotic diseases

Every year the Health Check-up of Zoo Workers are done.

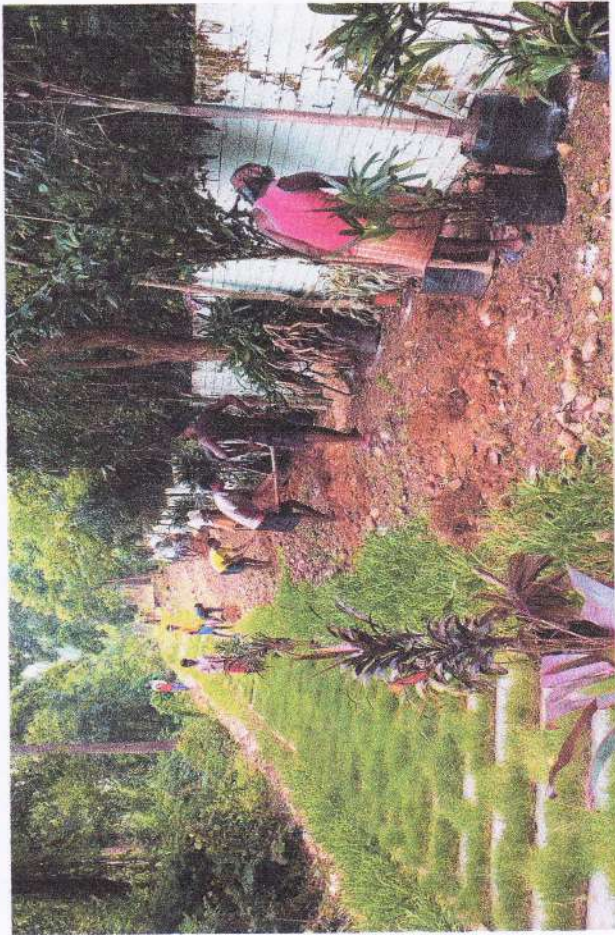
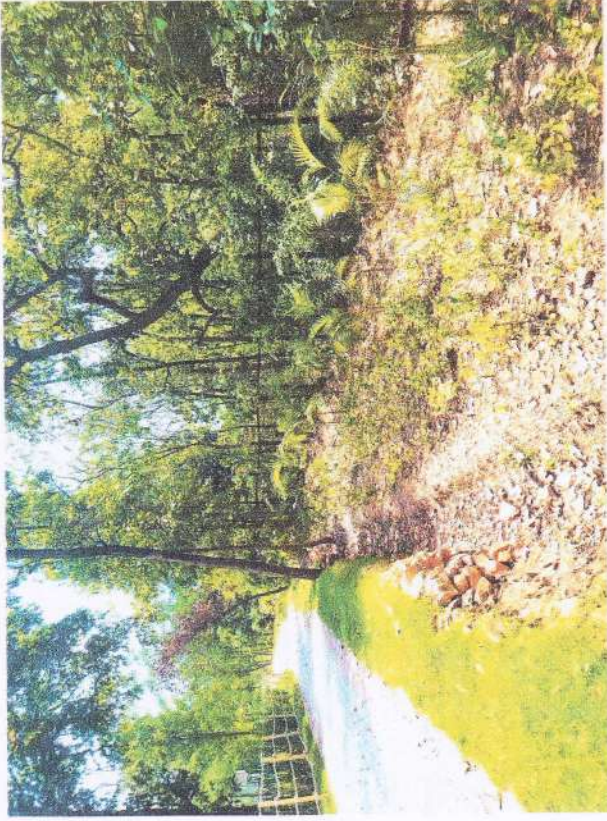
18. Development Works carried out in the zoo during the year

- Extension of Leopard enclosure.
- Construction of isolation enclosure house (Operation Theatre)
- Grass turving around enclosure
- Planting of Plants along inspection path.
- Bamboo Barricading around enclosure
- Weeds Clearance
- Repair & maint. of Sloth Bear enclosure
- Digging of borewell at WACC
- Colouring of enclosure house

(15/06)



(16/26)





19. Education and Awareness programmes during the year-

- i. Celebration of Wildlife Week
- ii. Celebration of Vanamahotsav

20. Important Events and happenings-

- i. Celebration of WACC establishment day i.e. 7th June every year.
- ii. Celebration of 26th January, 15th August & New Year Day for Visitors & School Children and imparting Wildlife Education & its conservation every year.

21. Seasonal special arrangements for upkeep of animals:

Winter Season

- Straw Spreading on the surface of enclosure for warm for all enclosure.
- Straw spreading & 200watt bulbs provided for warm for Python Enclosure.
- Green Net cover by all opened house enclosure for upkeep during winter & 200watt bulbs provided for warm for bird enclosure.

Summer Season

- Supply of anti stress medicine like K-Grand Powder, Imo grow to animals & birds during March - June.
- Supply of Sugar-Cane Juice & Water-Melon to Bear
- Supply of Water-Melon for all species except Leopard, Spotted Deer, Sambar, Barking Deer & Python.
- The resting sheds and the feeding chambers have been covered with straw to prevent penetration of heat.
- The enclosures are being sprinkled with water to reduce the temperature.
- Sufficient Water is supplied to artificial pools in Sambar and Wild-Pig Enclosure for their wallowing.
- Air Coolers is provided to Leopard enclosure during summer.
- Pre monsoon
- Spreading of Lime in every enclosure

(18126)



22. Research Work carried out and publications:

- i. Leaflet distribution on faunal diversity of WACC Campus, Sambalpur.

(79/26)

23. Conservation Breeding Programme of the Zoo - Conservation breeding programme of the zoo - Nil

24. Animal acquisition / transfer / exchange during the year

| A. Animals arriving in the Zoo | | | | | | |
|---|---------|--------|---|---|--------------------|---------------------------------|
| H.NO. | Species | Number | | | From which Zoo | Date of arrival in the zoo |
| | | M | F | K | | |
| No such acquisition, exchange during the year in the zoo. | | | | | | |
| B. Animals going from the zoo | | | | | | |
| H.NO. | Species | Number | | | Going to which Zoo | Date of deposition from the zoo |
| | | M | F | K | | |
| No transfer/exchange during the year in the Zoo. | | | | | | |

25. Rescue and Rehabilitation of wild animals carried out by the Zoo

| Sl.No. | Date of Rescue | Species with number of animals rescued with their sex (M: F:U:T) | Received from | Date of Submission of Report to the CWLW / CZA | Action taken | |
|--------|----------------|--|---|--|---|--|
| | | | | | Date and Place of rehabilitation in their habitat | Reasons for housing in the zoo, if not released in their habitat |
| 1 | 27.02.2023 | Parakeet Chick (14 nos.) U | Bamra Wildlife Range of Divisional Forest Officer, Bamara Wildlife Division | Memo No. 1235 Dtd. 27.02.2023 of Divisional Forest Officer, Bamara Wildlife Division | - | Due to kid, Parakeet chick could not be released in nature. |



Latitude: 21.469905
Longitude: 83.993108
Accuracy: 1600.0 m

26. Annual Inventory of animals

Inventory Report for the Year: 2022-23

Endangered Species

| Sl No | Animal Name | Scientific Name | Opening Stock as on 01.04.2022 | | | Births | | | Acquisitions | | | Disposals | | | Deaths | | | Closing Stock as on 31.03.2023 | | | | | |
|-------|----------------------------------|---------------------------|--------------------------------|-----------|-----------|----------|----------|----------|--------------|----------|----------|-----------|----------|----------|----------|-----------|-----------|--------------------------------|-----------|-----------|-----------|-----------|-----------|
| | | | M | F | K | M | F | K | M | F | K | M | F | K | M | F | K | M | F | K | Total | | |
| | Bird | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Pea Fowl | Pavo cristatus | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 4 | 0 | 5 |
| | Total Birds | | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 4 | 0 | 5 |
| | Mammals | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Leopard | Panthera pardus | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 2. | Sloth Bear | Melurus ursinus | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 4 |
| 3. | Rhesus Monkey | Macaca mulatta | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 2 |
| 4. | Fox | Vulpes bengalensis | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 5. | Civet Cat | Paradoxurus hermaphrodite | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 0 | 2 | 4 | 0 | 6 |
| 6. | Chousingha | Tetracerus quadricornis | 5 | 12 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 15 | 7 | 8 | 15 | 7 | 30 |
| 7. | Gaint Squirrel | Ratafu indica | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| 8. | Mongoose | Herpestidae | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| | Total Mammals | | 11 | 19 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 23 | 7 | 16 | 23 | 7 | 46 | |
| | Reptile/Amphibians | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Indian Rock Python | Python melurus | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 2 | 0 | 3 |
| | Total Reptiles/Amphibians | | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 2 | 0 | 3 |
| | Invertebrate | | | | | | | | | | | | | | | | | | | | | | |
| 1. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Total Invertebrate | | 14 | 25 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 29 | 7 | 18 | 29 | 7 | 54 |

21/5/23

Other than Endangered Species

| Sl.No | Animal Name | Scientific Name | Opening Stock as on 01.04.2022 | | | Births | | | Acquisitions | | | Disposals | | | Deaths | | | Closing Stock as on 31.03.2023 | | | Total |
|-------|----------------------------------|------------------------|--------------------------------|------------|-----------|----------|----------|-----------|--------------|-----------|-----------|-----------|----------|----------|----------|------------|------------|--------------------------------|------------|----|-------|
| | | | M | F | K | M | F | K | M | F | K | M | F | K | M | F | K | M | F | K | |
| 1. | Parakeet | Psittacula eupatria | 22 | 27 | 0 | 0 | 0 | 2 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 22 | 27 | 16 | 65 | |
| | | Psittacula crameri | | | | | | | | | | | | | | | | | | | |
| 2. | Spotted Dove | Streptopelia chinensis | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 4 | |
| 3. | Duck/Swan | Anser albifrons | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4. | Exotic Birds | | 16 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 14 | 0 | 30 | | |
| | Total Birds | | 40 | 43 | 0 | 0 | 0 | 2 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 40 | 43 | 16 | 99 | | |
| | Mammals | | | | | | | | | | | | | | | | | | | | |
| 1. | Spotted Deer | Axis axis | 60 | 43 | 8 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 50 | 11 | 121 | | |
| 2. | Barking Deer | Muntiacus muntjac | 4 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 7 | 2 | 14 | | |
| 3. | Sambar | Cervus unicolor | 7 | 14 | 9 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21 | 8 | 39 | | |
| 4. | Wildboar | Sus serofo | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | | |
| | Total Mammals | | 72 | 61 | 24 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 76 | 78 | 21 | 175 | | |
| | Reptile/Amphibians | | | | | | | | | | | | | | | | | | | | |
| 1. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Total Reptiles/Amphibians | | | | | | | | | | | | | | | | | | | | |
| | Invertebrate | | | | | | | | | | | | | | | | | | | | |
| 1. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Total Invertebrate | | | | | | | | | | | | | | | | | | | | |
| | Total Animals | | 112 | 104 | 24 | 0 | 0 | 21 | 0 | 0 | 14 | 0 | 0 | 1 | 0 | 116 | 121 | 37 | 274 | | |
| | G.TOTAL | | 126 | 129 | 35 | 0 | 0 | 26 | 0 | 14 | 0 | 0 | 0 | 2 | 0 | 134 | 150 | 44 | 328 | | |

(27/28)

27. Monthly Live Stock Return of WACC for the month of March-2023.

| 28. Name of the Species | Opening Balance | | | Rescued during the Month | | | Born during the Month | | | Total | | | Dead/Disposed/Released during the Month | | | Closing Balance | | | Total |
|-------------------------|-----------------|------------|-----------|--------------------------|----------|----------|-----------------------|----------|----------|----------|-----------|------------|---|-----------|----------|-----------------|-----------|-----------|------------|
| | Male | Female | Kid | Male | Female | Kid | Male | Female | Kid | Male | Female | Kid | Male | Female | Kid | Male | Female | Kid | |
| LEOPARD | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| SLOTH BEAR | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 3 | 1 | 0 | 4 |
| FOUR-HORNED ANTELOPE | 8 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 15 | 7 | 0 | 8 | 15 | 7 | 30 |
| SAMBAR DEER | 10 | 15 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 10 | 21 | 8 | 0 | 10 | 21 | 8 | 39 |
| INDIAN PEAFOWL | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 1 | 4 | 0 | 5 |
| ALEXANDRINE PARAKEET | 22 | 27 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 27 | 16 | 0 | 22 | 27 | 16 | 65 |
| SPOTTED DOVE | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 4 |
| FOX COMMON | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| INDIAN MUNTJAC | 5 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 7 | 2 | 0 | 5 | 7 | 2 | 14 |
| BUDGERIGAR | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 4 |
| COCKATIEL | 14 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 12 | 0 | 0 | 14 | 12 | 0 | 26 |
| MALABAR GAINT SQUIRREL | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| INDIAN GREY MONGOOSE | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| INDIAN ROCK PYTHON | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 2 | 0 | 3 |
| CHITAL/SPOTTED DEER | 60 | 50 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 60 | 50 | 11 | 0 | 60 | 50 | 11 | 121 |
| RHESUS MACAQUE | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 2 |
| WILDBOAR | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| ASIAN PALM CIVET | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 2 | 4 | 0 | 6 |
| TOTAL | 134 | 144 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 15 | 134 | 144 | 44 | 0 | 134 | 15 | 44 | 328 |

(23/28)



28. Mortality of animals

| Sl.No. | Animal Name (with individual identification mark, if any) | Scientific Name | Sex | Date of Death | Reason of Death as per the Post-mortem report |
|--------|---|-------------------|-----|---------------|--|
| 1. | Pea fowl | Pavo cristatus | M | 06.06.2022 | Due to respiratory failure. |
| 2. | Barking Deer | Muntiacus muntjac | M | 29.07.2022 | Due to Pneumonia leading to respiratory distress and asphyxia. |

(24/76)

29-Compliance with conditions stipulated by the Central Zoo Authority

| Sl. No | Norm No. under RZR, 2009 | Condition Stipulated | Time Period to Comply | Since when pending | Remarks | Status with regard to compliance as noted physically by the evaluator during the visit |
|---|--------------------------|---|-----------------------|--------------------|---|--|
| 1. Administrative and Staffing Pattern | | | | | | |
| 1 | 1.2 | The zoo shall fill the post Veterinarian, Education Officer and Biologist | Six months | Already Present | Zoo veterinarian-Post has been filled up. The Principal Chief Conservator of Forests (Wildlife) and Chief Wildlife Warden, Odisha, Bhubaneswar has been requested for posting of one Education Officer and one Biologist at Wild Animal Conservation Centre (WACC), Motijharan, Sambalpur, vide this Office Memo No. 1862 dt. 23.05.2023. | |
| 2. Developments and Planning | | | | | | |
| 2 | 2.1 | Zoo should get its Master Plan approval from the Central Zoo Authority. | Six month | Submitted | The Master Plan of Zoo has already been prepared for the Zoo and submitted to Central Zoo Authority for approval vide this office Memo No. 2257 dt.10.06.2022. | |
| 3.Acquisition and breeding of animals. | | | | | | |
| 3 | 3.1 | The zoo shall pair the single sex animals or may transfer such animal to other zoo. | Six month | - | Attempts for pairing is under progress to pair the single sex animals Leopard. Further, Malbar Giant Squirrel (Ratufa indica) Male - 1 no. has been died on dt. 28.04.2023 and a Common Fox (Vulpes bengalensis) female - 1 no, has been died on dt. 21.05.2023 due to their old age. | |

(25/26)

| | | | |
|-------------------------------|-----|--|---|
| 4. Visitors facilities | | | |
| 4 | 4.1 | The zoo should make available the snake anti-venom & life saving drugs readily available in the zoo premises. | Immediately |
| | | | The Govt. medical is within one kilometre of zoo premises and there are readily available of snake antivenom & life saving drugs and also imidiate steps will be taken for sanke anti-venom & life saving drugs in the zoo. |
| 5. Other observations | | | |
| 5 | 5.1 | Wild Animal Conservation Centre, Sambalpur, the small Zoo may be upgraded to "Medium Zoo" from the present "Small Zoo" category and accordingly additional area may be added to the Zoo. | |

30.-List of free living wild animals within the zoo premises



- a. Mammals : - Bat & Mongoose found inside zoo area.
- b. Birds :- Variety of birds found inside zoo area like Egret, Heron, Kites, Owl, Oriole, Dove, Crow, Maina.
- c. Reptiles :- Snakes like Russell Vipers, Dhamana, Cobra, & reptile like Chameleon
- d. Amphibians : - Frogs are found inside Zoo premises.

Divisional Forest Officer
Hirakud Wildlife Division
Sambalpur

(26/26)