

“LADY HYDARI PARK CUM MINI ZOO”

**Annual Report for the year
2018-19**

**Khasi Hills Wildlife Division
Forests & Environment
Department**

Government of Meghalaya

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1. Report of the Officer-in-charge

A) Director's Message:



I take immense pleasure in bringing out the Annual Report of Lady Hydari Park cum Mini Zoo for the year 2018-2019, which is an endeavour to highlight the various activities that were taken up during the financial year.

Lady Hydari Park cum Mini Zoo, being located in the heart of the city caters not just to the recreational needs of the urban Shillong population but also to the tourists as well and as such there is pressure to keep it well maintained. However I am pleased to see that even with limited resources, sincere efforts have been made by our staff to keep the Picturesque Lawn & Children Park clean and green for ensuring the well-being of all the visitors and also most importantly in maintaining the hygiene of animal enclosures.

Important days such as, International Day for Biological Diversity (IBD), World Environment Day (WED) and the Wildlife Week/2018 have been organized to enhance the knowledge of children and also to instil the awareness & responsibility in their mind. Together with these celebrations, plantation drives have also been made to make our park greener.

Even though the animal enclosures are facing space constraints, we are trying our level best to keep the animals in a friendlier environment by doing enclosure enrichment like placing wooden logs inside the Bear enclosure, planting more trees in the Aviary for the birds to perch, keeping improvised platforms (using poles) for the Himalayan Griffon, small poles inside the stump tailed Macaque enclosure etc., All these interventions have indeed brought a significant change in the physical & mental well- being of the animals.

In future, we will continue to upkeep the standards & norms of the Zoo and also make it a 'Second Home' for the animal. I also express my gratitude to Zoo curator & his Team for carving & shaping the park in a beautiful way.

(Shri I Arul Gnana Mathuram, IFS)

Director cum
Divisional Forest Officer
Khasi Hills Wildlife Division
Shillong



B) Zoo Curator's Message:

Lady Hydari Park and Mini Zoo is located in the heart of Shillong "The Scotland of the East" and thus it attracts a significant number of visitors throughout the year. The management of the zoo has therefore steps in with immense responsibility in keeping the zoo and all the lawn and flowers gardens well maintained, clean and hygienic all around the clock. This year too, there has been positive response from the visitors as well both local and foreign regarding the management effort taken by the department in keeping the zoo clean and beautiful.

The zoo has been a prominent place for wildlife conservation and environmental education. The zoo houses 11 species of mammals, 16 species of birds, and 1 species of reptile. Despite its small area the zoo also plays a major role in providing care and other medical aid to the rescued animals of the state. The zoo with its rich and vast variety of floral vegetation and also the availability of water bodies attracts a significant amount of wild animals like birds, insects, small mammals, etc. inside the park all-round the year. The zoo is also popular in displaying a wide range variety of seasonal flowers, roses and flowering shrubs.

The zoo is also engaging in successfully rehabilitating of one number rescued Barking Deer and one number rescued Slow Loris at Nongkyllem Wildlife Sanctuary, Ri-Bhoi District, Meghalaya on the 15th March, 2019 vide CZA letter No. 19-169/93-CZA (189) (Vol.V) (AK)/168/2019 dated 29.01.2019.

The Zoo Management and the Department as a whole in the recent years has whole heartily put in great effort in creating awareness about the important of Wildlife by organising various activities and programme related to wildlife and environment such as Celebration of Wildlife Week, World Environment Day and International Day for Biological Diversity.

I sincerely hope that in the preceding years the zoo management will keep on carrying out this optimistic attitude towards management of the Mini Zoo, Lady Hydari Park and conserving wildlife by conducting various Wildlife related activities in order to bring a clean and better environment to live in.

**Curator
Cum
Range Forest Officer
Zoo Range, Lady Hydari Park
Shillong**

2. History of the Zoo

The present Lady Hydari Park was created in 1937, when Sir Robert Neil Reid was the Governor of Assam and it was at that time, known as Lady Reid Pleasure Park. On 4th May 1947, Sir Akbar Hydari took over as Governor of Assam and held office upto 28th December, 1948. It was during his tenure that Lady Reid Pleasure Park was renamed as Lady Hydari Park. During those days the park served as very important place for certain functions like (i) Keeping of Gandhi's ashes for darshan for the public in the town, (ii) Delivering of lectures by Sardar Vallabhai Patel, (iii) Organising the, "The All India Cattle Show", (iv) Celebrating of Hills and Plains Week, and (v) Regular Flower Show etc.

The Park was under the control of the Deputy Commissioner of Khasi Hills, till it was handed over to the Forest Department in the year 1973 and since the creation of the Wildlife Wing in 1977, the Park is now under the control of the Khasi Hills Wildlife Division Shillong. During initial time, Park consists only of Lawns and Flower garden. But later with the creation of the Wildlife wing, park begins to house many rescued animals both from the wild and public captivity. Hence they were kept in small cages to display to the public for bringing awareness among them. With the inception of the Central Zoo Authority of India (CZA), Lady Hydari was registered under the authority and which later on obtained the status of Mini Zoo Lady Hydari Park. In another words Mini Zoo Lady Hydari Park could be called as the Rescue Centre as most of the animals' house inside the Park are rescued animals.

3. Vision

- To act as a Better Rescue centre for the needy & injured animals.
- To inspire people to love, respect and protect Wildlife & Wild Spaces.
- To provide proper Upkeep & veterinary care to housed animals.

4. Mission

"Encourage visitors to have empathy for Wildlife and also to motivate them to go hand in hand with 'Wildlife Conservation'".

5. Objective

- To provide a nurturing environment for all the exhibited animals in Zoo.
- To provide proper health care facilities to the rescued animals.
- To promote Zoo as 'Centre of Conservation & Awareness' by organising various outreach programmes & thereby sowing seeds (Wildlife Conservation) into minds of people.

6. About us

| S.No. | Particulars | Information |
|--|-----------------------|--|
| Basic Information about the Zoo | | |
| 1 | Name of the Zoo | Lady Hydari Park cum Mini Zoo, Shillong |
| 2 | Year of Establishment | Creation of Park: 1937 Creation of Zoo: 1977 |
| 3 | Address of the Zoo | Behind Civil Hospital, Laban, Shillong, East Khasi Hills District. |
| 4 | State | Meghalaya |
| 5 | Telephone Number | 0364-2226181 |
| 6 | Fax Number | - |
| 7 | E-mail address | dfowildlifedivisionshillong@gmail.com |
| 8 | Website | - |
| 9 | Distance from nearest | Airport: Umroi Airport (30 Km) |
| | | Railway Station: Guwahati RS (105 Km) |
| | | Bus Stand: MTDC Bus stand (1.5 Km) |

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| S.No. | Particulars | Information |
|--|--|--|
| 10 | Recognition Valid upto (Date) | 27 th September/2019 |
| 11 | Category of zoo | Mini Zoo |
| 12 | Area (in Hectares) | 3.5 |
| 13 | Number of Visitors (Financial Year) | Adult :2,15,624 |
| | | Children :24,674 |
| | | Total Indian : - |
| | | Total Foreigners : - |
| | | Total Visitors:2, 40, 298 |
| 14 | Visitors' Facilities Available in Zoo | <ul style="list-style-type: none"> • Drinking Water • Toilet • Ramps • Lawns • Visitor/ Rain Shelter Shed • Museum |
| 15 | Weekly Closure Day of the Zoo | Monday |
| Management Personnel of the zoo | | |
| 16 | Name with designation of the Officer in-charge | Shri. I. Arul Gnana Mathuram, IFS Divisional Forest Officer, Khasi Hills Wildlife Division, Forest Management Building, Lower Lachumiere, Shillong. |
| | Name of the Veterinary Officer | Dr. Liliana B. G. Momin (On deputation) |
| | Name of the Curator | Shri. KLM Nikhla, Range Forest Officer, Zoo Range |
| | Name of the Biologist | - |
| | Name of the Education Officer | - |

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| S.No. | Particulars | Information |
|------------------------------------|--|--|
| | Name of the Compounder/ Lab Assistant | - |
| Owner / Operator of the Zoo | | |
| 17 | *Name of the Operator | Shri. P. W. Ingty, IAS, Additional Chief Secretary, Forests & Environment Department, Government of Meghalaya. |
| 18 | Address of the Operator | Room No. 201, Additional Secretariat, Rilang Building, Shillong. |
| 19 | Contact details/Phone number of Operator | 0364 2225669 |
| 20 | E-mail address of Operator | pwingty@yahoo.co.in |

** Rule 2(m) of the Recognition of Zoo Rules, 2009.*

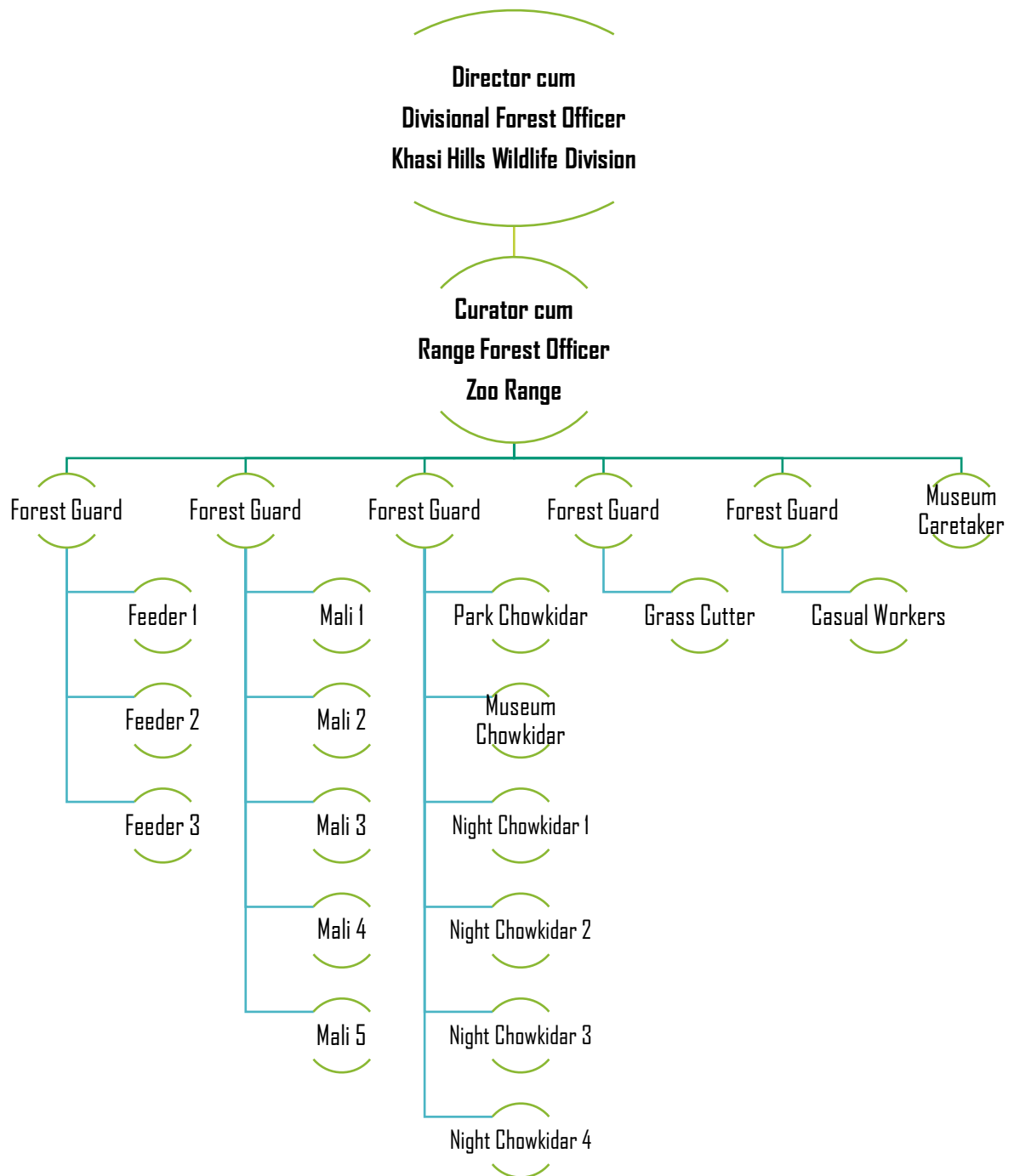
"Zoo Operator" means the person who has ultimate control over the affairs of the zoos provided that_____

I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or

II. in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or

III. In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.

7. Organizational Chart:



8. Human Resources

Manpower of the Zoo*

| Sl.No. | Designation | Number of Sanctioned Posts | Names of the incumbent |
|--------|--|----------------------------|---|
| 1. | Director : Divisional Forest Officer, Khasi Hills Wildlife Division Shillong | 1 | Shri I.Arul Gnana Mathuram, IFS |
| 2. | Curator : Range Forest Officer, Zoo Range, Shillong | 1 | Shri K. L. M. Nikhla |
| 3. | Forest Guard | 5 | Shri Bransley Dkhar Shri Rijied Bang Shri Herman Kharbudnah Shri Hulash Rai Shri Temlal Joshi |
| 4. | Feeder | 3 | Shri Gobin Chandra Nath Shri Dinesh Rabha Shri Night C. Lyngdoh |
| 5. | Grass Cutter | 1 | Shri SilveriousNongkynrih |
| 6. | Mali | 5 | Shri ArnestLyngdoh Smti RidalinKharbuli Shri Paulus Blah Shri ManojThapa Shri BalenPuwein |
| 7. | Night chowkidar | 4 | Shri Balaram Sharma Shri B. K. Nath Shri Gilbert Momin Shri Krishna Chettri |
| 8. | Park Chowkidar | 1 | Shri Joy D. Sangma |
| 9. | Museum Caretaker | 1 | Smti Phibanisha Thangkhiew |
| 10. | Forest Museum Chowkidar | 1 | Shri ShanborlangRynthathiang |

* Casual Workers: 22 Nos

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 |
|---------|---|------------------------------------|--------------------|--|
| 1. | Shri. Rijied Bang, Forest Guard | North Eastern Zoo Keepers Training | 5 (Five) Days | Manipur Zoological Park, Imphal. |
| 2. | Shri. Herman Kharbudnah, Forest Guard | Enforcement of Forest Act & Rules | 2 (Two) Days | O/o of DFO, Training Division, Forests & Environment Department, Shillong. |
| 3. | Shri. Bransley Dkhar, Forest Guard | Training on GPS & GIS Application | 5 (Five) Days | O/o of DFO, Training Division, Forests & Environment Department, Shillong. |
| 4. | Shri. Night C. Lyngdoh, Feeder | North Eastern Zoo Keepers Training | 5 (Five) Days | Manipur Zoological Park, Imphal. |

10. Zoo Advisory Committee – No Zoo Advisory Committee has been created.

- a. Date of constitution
- b. Members
- c. Dates on which Meetings held during the year

11. Health Advisory Committee–

a. Date of constitution: Govt. of Meghalaya, Forest and Environmental Department's Notification No. FOR. 132/2000/271 dated 22nd December, 2017

b. Members:**Chairman:**

Dr. (Mrs) P. Passah, Assistant Director (DI), Shillong

Members:

1. Dr. (Mrs) J. Niangti, A.H & Veterinary Officer (DI), Shillong.

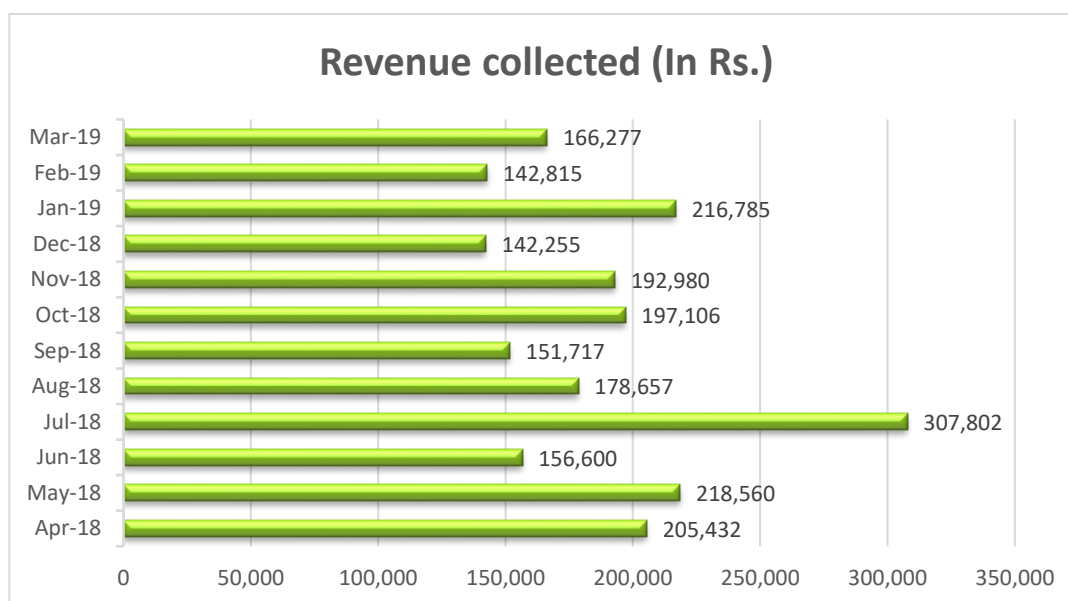
2. Dr. Sengbat S. Momin, A.H & Veterinary Officer (DI), Tura.

c. Dates on which Meetings held during the year: No meeting were held during financial year 2018-19.

12. Statement of income and expenditure of the Zoo:**a. Income:**

The Revenue generated from the sale of entry tickets are indicated in the below table & graph:

| Months | Revenue collected (In Rs.) |
|----------------|----------------------------|
| April 2018 | 2,05,432 |
| May 2018 | 2,18,560 |
| June 2018 | 1,56,600 |
| July 2018 | 3,07,802 |
| August 2018 | 1,78,657 |
| September 2018 | 1,51,717 |
| October 2018 | 1,97,106 |
| November 2018 | 1,92,980 |
| December 2018 | 1,42,255 |
| January 2019 | 2,16,785 |
| February 2019 | 1,42,815 |
| March 2019 | 1,66,277 |
| Total | 22,76,986 |



b. Expenditure:

| S.No. | Head of Account | Amount Sanctioned | Amount Spent | Nature of Work |
|-----------|--------------------------------------|------------------------|------------------------|---|
| A. | Development Expenditure: | | | |
| 1. | 2406-112 (02) 02. Wages | Rs. 58,800/- | Rs. 58,800/- | Wages for Casual Workers |
| 2. | 2406-112 (02) 11. T.E. | Rs. 44,000/- | Rs. 44,000/- | Travelling Expenses for Staff |
| 3. | 2406-112 (02) 13. O.E | Rs. 3,30,000/- | Rs. 3,30,000/- | Cost of Printing entry ticket, telephone bills, O.E, Medicine & Doctor's fee & Computer accessories |
| 4. | 2406-112 (02) 21. Materials & Supply | Rs. 1,10,000/- | Rs. 1,10,000/- | For Purchase of Cow dung, manure flower pots, seeds, garden implements & animal feeding trays |
| 5. | 2406-112 (02) 27. Minor Works | Rs. 10,99,937/- | Rs. 10,99,937/- | Developmental works (Repairs & Maintenance) |
| 6. | 2406-112 (02) 50. Other Charges | Rs. 55,000/- | Rs. 55,000/- | Urgent Minor repairs |
| | Total | Rs. 16,97,737/- | Rs. 16,97,737/- | |
| B. | Establishment Expenditure: | | | |
| 1. | 2406-110 (02) 50. Other Charges | Rs. 27,51,252/- | Rs. 27,51,252/- | Feed Bill |
| | Total (A+B) | Rs. 44,48,989/- | Rs. 44,48,989/- | |

13. Daily Feed Schedule of animals

| Sl. No. | Species | Feed Item | Quantity | | Day of fasting |
|---------|---|---|--|--------|----------------|
| | | | Winter | Summer | |
| 1 | Indian Pied Horn Bill (Antheracocerosmalabaricus) | Banana Papaya | 15 Nos. 0.200 kg | - do - | Monday |
| 2 | Northern Gosh Hawk (Accipiter gentilis) | Beef Cut | 0.250 kg | - do - | Monday |
| 3 | Himalayan Griffon (Gyps himalayensis) | Beef cut | 0.500 kg | - do - | Monday |
| 4 | Leopard Cat (Felisbengalensis) | Beef cut or chicken | 0.500 kg | - do - | Monday |
| 5 | Rhesus Macaque (Macacamulatta) | Onion Bhuna Gram Ground Nut Green Veg Leaf | 0.025 kg 0.100 kg 0.100 kg 0.200 kg | - do - | Monday |

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| | | | | | |
|---|---|--------------|------------|--------|--------|
| | | Tomato | 0.025 kg | | |
| | | Bread | 0.150 kg | | |
| | | Sweet potato | 0.100 kg | | |
| | | Papaya | 0.100 kg | | |
| | | Carrot | 0.100 kg | | |
| | | Banana | 2 Nos. | | |
| 6 | Stump Tailed Macaque (Macacaspeciosa) | Onion | 0.025 kg | - do - | Monday |
| | | Bhuna Gram | 0.100 kg | | |
| | | Ground Nut | 0.100 kg | | |
| | | Green Veg | 0.200 kg | | |
| | | Leaf | 0.025 kg | | |
| | | Tomato | 0.150 kg | | |
| | | Bread | 0.100 kg | | |
| | | Sweet potato | 0.100 kg | | |
| | | Papaya | 0.100 kg | | |
| | | Carrot | 2 Nos. | | |
| | | Banana | | | |
| 7 | Palm Civet Common Toody-Cat (Hermophroditusparadux urus) | Banana | 10 Nos. | - do - | Monday |
| | | Beef cut | 0.250 kg | | |
| | | Milk | 0.500 Ltr. | | |
| 8 | Himalayan Black Bear (Salenarctusthibetanus) | Sweet Potato | 0.100 kg | - do - | Monday |
| | | Gur | 0.150 kg | | |
| | | Rice | 0.700 kg | | |
| | | Milk | 0.800 kg | | |
| | | Bread | 0.100 kg | | |
| | | Carrot | 0.300 kg | | |
| | | Banana | 4 Nos. | | |
| | | Papaya | 0.200 kg | | |
| | | Egg | 2 Nos. | | |
| 9 | Serow(Capricornissumat reansis) | Wheat Bran | 0.750 kg | - do - | Monday |

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| | | | | | |
|----|---|--------------|-----------|--------|--------|
| | | Satuwa | 0.500 kg | | |
| | | Soaked gram | 0.400 kg | | |
| | | Green Fooder | 3.000 kg | | |
| | | Green Amla | 0.080 kg | | |
| | | Oil Cake | 0.050 kg | | |
| | | Banana | 10 No. | | |
| 10 | Common Fox (Vulpes bengalensis) | Beef Cut | 1.000 kg. | - do - | Monday |
| 11 | Clouded Leopard (Neofelis nebulosa) | Beef Cut | 2.500 kg | - do - | Monday |
| 12 | Deer Hog (Axis porcinus) | Wheat Bran | 0.750 kg | - do - | Monday |
| | | Satuwa | 0.500 kg | | |
| | | Soaked gram | 0.400 kg | | |
| | | Green Fooder | 4.000 kg | | |
| | | Green Amla | 0.070 kg | | |
| | | Oil Cake | 0.050 kg | | |
| | | Banana | 1 No. | | |
| 13 | Asian Brown Tortoise (Manouria emys) | Green Veg | 0.750 | - do - | Monday |
| | | Leaf | 0.200 | | |
| | | Seasonal | 2 | | |
| | | Fruits | | | |
| | | Banana | 0.100 | | |
| | | Bread | 0.050 | | |
| | | Tomato | 0.100 | | |
| | | Potato / | 0.050 | | |
| | | Sweet Potato | | | |
| | | Carrot | | | |
| 14 | Goose Bar Headed (Anser indicus) | Onion | 0.025 kg | - do - | Monday |
| | | Garlic | 0.025 kg | | |
| | | Paddy | 0.200 kg | | |
| | | Green Veg. | 0.100 kg | | |
| | | Leaves | 0.150 kg | | |

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| | | | | | |
|----|--|----------------------|----------------------|--------|--------|
| | | Bread | 0.020 kg | | |
| | | Satuwa | 0.050 kg | | |
| | | Wheat Bran | | | |
| 15 | Parakeet Blossom Headed (<i>Psittaculacyanocephola</i>) | Soaked Gram | 0.050kg | - do - | Monday |
| | | Paddy | 0.020 | | |
| | | Tomato | 0.020 | | |
| | | Green Chilly | 0.015 kg | | |
| | | Papaya | 0.050 kg | | |
| | | Banana | 2 No. | | |
| 16 | Heron Pond (<i>Ardeolagrayii</i>) | Fish (5-10) Cms | 0.200 kg. | - do - | Monday |
| 17 | Geese Chinese | Wheat Bran | 0.200 kg. | - do - | Monday |
| | | Satuwa | 0.075 kg. | | |
| | | Paddy | 0.200 kg. | | |
| 18 | Grey Lag Goose (<i>Anseranser</i>) | Wheat Bran | 0.100 kg | - do - | Monday |
| | | Paddy | 0.200 kg | | |
| | | Green Veg. Leaves | 0.100 kg 0.050 kg | | |
| | | Soaked Gram | 0.100 kg | | |
| | | Fish (5-10) cms. | 0.020 kg | | |
| | | Satuwa | | | |
| 19 | Owl Brown Fish (<i>Bubo zylonensis</i>) | Beef Minced | 0.200 kg. | - do - | Monday |
| 20 | Owl Brown Wood (<i>Strixleptogrammica</i>) | Beef Minced | 0.200 kg. | - do - | Monday |
| 21 | Pelican (<i>Pelicanusphilippensis</i>) | Fish (10-20) Cms | 1.500 kg. | - do - | Monday |
| 22 | White Breasted Water Hen (<i>Amaronouspieronius</i>) | Fish (5-10) Cms | 0.200 kg. | - do - | Monday |
| 23 | Eagle Crested Serpent (<i>Spilornischeela</i>) | Beef Cut | 0.250 kg | - do - | Monday |

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| | | | | | |
|----|------------------------------------|---|---|--------|--------|
| 24 | Spotted Dove | Satuwa Soaked Gram Paddy | 0.050 kg 0.040 kg 0.050 kg | - do - | Monday |
| 25 | Duck Chinese | Wheat Bran Paddy Satuwa | 0.150 kg 0.200 kg 0.050 kg | - do - | Monday |
| 26 | Water Cock | Fish (5-10) Cm Bread Paddy Soaked Gram Green vegetable | 0.100 kg 0.100 kg 0.050kg 0.050kg 0.050 kg | - do - | Monday |
| 27 | Deer Barking (Muntiacusmuntjak) | Wheat Bran Satuwa Soaked gram Green Fooder Green Amla Oil Cake | 0.500 kg 0.500 kg 0.400 kg 3.000 kg 0.080 kg 0.050 kg | - do - | Monday |
| 28 | Deer Sambar (Cervus unicolor) | Wheat Bran Satuwa Soaked gram Green Fooder Green Amla Oil Cake | 1.500 kg 0.750 kg 0.500 kg 10.000 kg 0.070 kg 0.100 kg | - do - | Monday |

14. Vaccination Schedule of animals

| Sl.No. | Species | Disease vaccinated for | Name of the Vaccine and dosage/ quantity used | Periodicity | Remarks |
|--------|------------|------------------------|---|-------------|---------|
| 1. | Indian Fox | Rabies | Rabigen - mono | Annual | |

Vaccination for other animals are carried out only on veterinarian's advice.

15. De-worming Schedule of animals

| Sl. No. | Species | Drug used | Month |
|---------|---|-------------|---------------|
| 1. | Clouded Leopard (<i>Neofelisnebulosa</i>) | Fentas plus | June, 2018 |
| 2. | Rhesus Macaque | Albomar | June, 2018 |
| 3. | Barking Deer | Piperrezine | June, 2018 |
| 4. | Birds in Aviary | Piperrezine | June, 2018 |
| 5. | Himalayan Griffon (2 Nos) | Piperrezine | June, 2018 |
| 6. | Crested Serpent Eagle | Piperrezine | June, 2018 |
| 7. | Indian Pied Hornbill | Piperrezine | June, 2018 |
| 8. | Brown Wood Owl | Piperrezine | June, 2018 |
| 9. | Brown Fish Owl | Piperrezine | June, 2018 |
| 10. | Pelican | Piperrezine | June, 2018 |
| 11. | Chinese Geese | Piperrezine | June, 2018 |
| 12. | Serow | Fentas | October, 2018 |
| 13. | Deer Sambar | Fentas | October, 2018 |
| 14. | Himalayan Black Bear | Minthal | October, 2018 |
| 15. | Himalayan Black Bear (2 Nos) | Fentas plus | October, 2018 |
| 16. | Deer Hog | Neomec | October, 2018 |
| 17. | Indian Fox | Fentas plus | October, 2018 |
| 18. | Palm Civet Cat | Fentas plus | October, 2018 |
| 19. | Leopard Cat | Fentas plus | October, 2018 |
| 20. | Porcupine | Fentas plus | October, 2018 |
| 21. | Slow Loris | Fentas plus | October, 2018 |
| 22. | Stump Tailed Macaque | Albomar | October, 2018 |

16. Disinfection Schedule

| Sl.No. | Species | Type of enclosure | Disinfectant used and method | Frequency of disinfection |
|--------|-------------|-------------------|---|---------------------------|
| 1. | All Species | All Enclosures | Lime / Applying around the enclosure | Twice a Year |
| | | | Potash / Applying & cleaning inside the enclosure | Twice a Year |
| | | | Gas Fumigation / Fumigating | Twice a Year |

17. Health Check-up of employees for zoonotic diseases

| Sl. No. | Name | Designation | Date of Health Check up | Findings of Health Check up |
|---------|----------------------------|-------------|-------------------------|-----------------------------|
| 1. | Shri. Gobin Chandra Nath | Feeder | 4.3.2018 to 7.3.2018 | No Abnormalities detected |
| 2. | Shri Dinesh Rabha | Feeder | | No Abnormalities detected |
| 3. | Shri Night C. Lyngdoh | Feeder | | |
| 4. | Shri Rodrick Sing Syiem | Muster Roll | | No Abnormalities detected |
| 5. | Shri Lamboklang Kharbudnah | Muster Roll | | No Abnormalities detected |
| 6. | Shri Tailang Nongbet | Muster Roll | | No Abnormalities detected |

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

| S. No | Particulars | Amount |
|-------|--|--------------------|
| 1 | White Washing to Flower Beds, Trees etc. in the compound of Lady Hydari Park, Shillong. | 13,280/- |
| 2 | Repairing and Painting of Children Playing Equipment at Lady Hydari Park, Shillong | 40,000/- |
| 3 | Construction of Septic Tank & Soak Pit for Public Toilet | 76,265/- |
| 4 | Providing, Fitting & Fixing G.I. Sheet Gutter for Interpretation Centre | 9,594/- |
| 5 | Painting & Distempering to Feed Store. | 27,020/- |
| 6 | Construction of Retaining Wall on Left side of Interpretation Centre. | 70,093/- |
| 7 | Replacing of Old Spoilt Foot path (65.52 Meters) by Cherra Stone Block. | 4,67,682/- |
| 8 | Dismantling of brick wall and creating an entrance for staff by providing steel gate and footpath. | 24,203/- |
| 9 | Reconstruction of Orchid House. | 3,43,120/- |
| 10 | Painting 2 (Two) Nos foot bridge inside Lady Hydary Park. | 19,620/- |
| 11 | Painting to iron flower rack. | 9060/- |
| | Total | 10,99,937/- |

19. Education and Awareness programmes during the year

19.1. International Day for Biological Diversity (IBD):

As part of the Celebration, Zoo Management in collaboration with the Meghalaya Biodiversity Board (MBB) & Silviculture Division, conducted the Essay Competition & Sit & Draw Competition for the School Children and also for the Differently abled Children. With regard to the Essay Competition, the Essays were invited from different schools of East Khasi Hills District. The Sit & Draw competition was held at Lady Hydari Park, Shillong on 12th May 2018. The students from various schools took part in the competition enthusiastically. The winners of the competitions were felicitated by Shri C.P. Marak, IFS, PCCF & HoFF, Government of Meghalaya and Shri B.K. Lyngwa, IFS, PCCF (Admn), Government of Meghalaya on 22nd May, 2018 at U So So Tham Auditorium, Shillong.

19.1.1. Sit & Draw Competition Theme:

- ***"Biodiversity: Importance & Threats"***
Class V - VII.
- ***"Biodiversity in Meghalaya"***
Class IV & Below.
- ***"Biodiversity in Meghalaya"***
Differently Abled Children.



19.1.2. Essay Competition Topic:

- ***"Climate Change & Its Impact on Biodiversity"***
Class XI & XII.
- ***"Biodiversity Conservation & Its Importance"***
Class VIII - X



19.2. Celebration of World Environment Day:

As part of the World Environment Day (June 5), the Zoo Management, along with school Students & Teachers (nearby schools) organized planting programme within the premises of Zoo. All the staff and casual employee workers were also involved in planting of trees.



19.3. Swachh Bharat Abhiyan Mission: As a part the Mission, Zoo Management along with Muster roll took part in cleaning drive. (September/2018)



19.4. Wildlife Week Celebration:

To commemorate Wildlife Week Celebration 2018, Division had organized series of activities related to Wildlife Conservation for the students, underprivileged and specially-able children in four districts of the State i.e. East Khasi Hills, West Khasi Hills, South West Khasi Hills & Ri-Bhoi Districts. These include, *Photography Competition, Model Making, Quiz Competition, Essay writing, Drawing and Painting Competition*. The main aim of these Competitions is to inculcate the importance of wildlife in the Young minds and also to bring a change in their mind towards Wildlife Conservation. The details of the activities/competitions are **shown below**:

| S. No. | Activity | Group/ Category | Theme/Topic |
|--------|--------------------------------|---------------------|----------------------------|
| 1. | <i>Photography Competition</i> | College Level | Wilderness |
| 2. | <i>Model Making</i> | Class IX & X | Wealth Out of Waste |
| 3. | <i>Quiz</i> | Class VII – VIII | Forests & Wildlife |
| 4. | Drawing Competition | Class V – VI | Wild Animals |
| | | Class: IV and below | Insects & Flowers |
| | | Specially-Able | My Favourite Animal / Bird |
| | | Underprivileged | Insects & Flowers |



Model Making Competition



Quiz Competition



Valedictory Function: PCCF & HoFF Address



Valedictory Function: Wildlife Anthem

20. Important Events and happenings

His Excellency Tathagata Roy, Honourable Governor of Meghalaya visited the Park during November/2018.

21. Seasonal special arrangements for upkeep of animals:

- a. Providing thatch grasses (dry grasses) to the animal enclosures during winter season.
- b. Regular cleaning and weeding of dense shrubs and leaf litter around the animals enclosures particularly during summer season.
- c. Applying disinfectants like lime powder, potash, etc., around the animal enclosures.
- d. Regular enrichment to the animal enclosures by providing locally available logs, ropes, wooden perches, live perches, wooden platform, etc.

22. Research Work carried out and publications:

Because of space constraint, no research work carried out till date.

23. Conservation Breeding Programme of the Zoo:

Because of space constraint, no conservation Breeding Programme were carried out in the zoo till date.

24. Animal acquisition / transfer / exchange during the year

No Animals were acquired or transferred or exchanged during the financial year.

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

| Sl.No. | Species with number of animals rescued with their sex (M: F:U:T) | Date of Rescue | 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. | Barking Deer (Fawn): 1 (F) | 10.06.2018 | Shri. Lurshai Tohtih, Mawlyngbna, East Khasi Hills District | Report Submitted to APCCF (WL) & CWLW vide this office letter No. MWL/54/ B & A – TREAT/503 dated 16.10.2018 | 15 th March/2019 Nongkhyllem WL Sanctuary | |
| 2. | Slow Loris: 1 (M) | 17.08.2018 | Police Official, Mawkyrwat, South West Khasi Hills District | -do- | 15 th March/2019 Nongkhyllem WL Sanctuary | |

26. Annual Inventory of animals

Form - II
[See Rule 11(1)]
Part - A

Inventory Report for the Year: 2018 - 2019

Endangered Species*

*Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972

| Sl. No | SPECIES | | Opening Stock as on 01.04.18 | | | | During the Year 2018-2019 | | | | | | | | | | | | Closing Stock as on 31.03.19 | | | |
|-------------------------|----------------------------------|-----------------------------------|------------------------------|----|---|----|---------------------------|---|---|-------------|---|---|----------|---|---|-------|---|---|------------------------------|----|---|----|
| | | | | | | | Birth | | | Acquisition | | | Disposal | | | Death | | | | | | |
| | BIRDS | Scientific Name | M | F | U | T | M | F | U | M | F | U | M | F | U | M | F | U | M | F | U | T |
| 1. | Indian Pied Horn Bill | <i>Antheracocerus malabaricus</i> | - | 1 | - | 1 | | | | | | | | | | | | | - | 1 | - | 1 |
| 2. | Northern Gosh Hawk | <i>Accipiter gentilis</i> | - | - | 1 | 1 | | | | | | | | | | | | | - | - | 1 | 1 |
| 3. | Himalayan Griffon | <i>Gyps himalayensis</i> | - | 1 | 1 | 2 | | | | | | | | | | | | | - | 1 | 1 | 2 |
| Total Nos. of Birds = | | | - | 2 | 2 | 4 | | | | | | | | | | | | | - | 2 | 2 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | MAMMALS | Scientific Name | | | | | | | | | | | | | | | | | | | | |
| 1. | Leopard Cat | <i>Felis bengalensis</i> | 1 | 2 | - | 3 | | | | | | | | | | | | | 1 | 2 | - | 3 |
| 2. | Slow Loris | <i>Nycticebus bengalensis</i> | 1 | - | - | 1 | | | | | | | | | | 1 | - | - | - | - | - | - |
| 3. | Rhesus Macaque | <i>Macaca mulatta</i> | 3 | 5 | 2 | 10 | | | | | | | | | | | | | 3 | 5 | 2 | 10 |
| 4. | Stump Tailed Macaque | <i>Macaca speciosa</i> | - | 1 | - | 1 | | | | | | | | | | | | | - | 1 | - | 1 |
| 5. | Palm Civet Common Toody-Cat | <i>Hermophroditus paraduxurus</i> | - | 1 | - | 1 | | | | | | | | | | | | | - | 1 | - | 1 |
| 6. | Himalayan Black Bear | <i>Salenarctus thibetanus</i> | 1 | 3 | - | 4 | | | | | | | | | | | | | 1 | 3 | - | 4 |
| 7. | Jackal | <i>Canis aureus</i> | - | 1 | - | 1 | | | | | | | | | | - | 1 | - | - | - | - | - |
| 8. | Himalayan Yellow Throated Marten | <i>Martes flavigula</i> | 1 | - | - | 1 | | | | | | | | | | 1 | - | - | - | - | - | - |
| 9. | Serow | <i>Capricornis sumatreansis</i> | 1 | - | - | 1 | | | | | | | | | | | | | 1 | - | - | 1 |
| 10. | Common Fox | <i>Vulpes bengalensis</i> | - | 1 | - | 1 | | | | | | | | | | | | | - | 1 | - | 1 |
| 11. | Clouded Leopard | <i>Neofelis nebulosa</i> | - | 1 | - | 1 | | | | | | | | | | | | | - | 1 | - | 1 |
| 12. | Deer Hog | <i>Axis porcinus</i> | 2 | - | - | 2 | | | | | | | | | | | | | 2 | - | - | 2 |
| Total Nos. of Mammals = | | | 10 | 15 | 2 | 27 | | | | | | | | | | 2 | 1 | - | 8 | 14 | 2 | 24 |
| | REPTILES | Scientific Name | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|----------------------|----------------------|----|----|---|----|--|--|--|--|--|--|--|--|---|---|---|---|----|---|----|
| 1. | Asian Brown Tortoise | <i>Manouria emys</i> | - | - | 1 | 1 | | | | | | | | | | | | - | - | 1 | 1 |
| Total Nos. of Animals = | | | 10 | 17 | 5 | 32 | | | | | | | | | 2 | 1 | - | 8 | 16 | 5 | 29 |

Part – B

Other than Endangered Species

| Sl. No. | Bird Species | | Opening Stock as on 1.04.18 | | | | During the year 2018-2019 | | | | | | | | | | | | Closing Stock as on 31.3.19 | | | |
|------------------------------|--------------------------|---------------------------------|-----------------------------|-----------|-----------|-----------|---------------------------|----------|----------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------------------------|-----------|-----------|-----------|
| | | | | | | | Birth | | | Acquisition | | | Disposal | | | Death | | | | | | |
| | | | M | F | U | T | M | F | U | M | F | U | M | F | U | M | F | U | M | F | U | T |
| 1. | Goose Bar Headed | <i>Anser indicus</i> | 2 | - | - | 2 | | | | | | | | | | | | | 2 | - | - | 2 |
| 2. | Parakeet Blossom Headed | <i>Psitta cula cyanocephala</i> | 1 | 3 | 2 | 6 | | | | | | | | | | | | | 1 | 3 | 2 | 6 |
| 3. | Heron Pond | <i>Ardeola grayii</i> | 3 | 2 | - | 5 | | | | | | | | | | | | | 3 | 2 | - | 5 |
| 4. | Geese Chinese | <i>Anser cygnoides</i> | 4 | 3 | 2 | 9 | | | | | | | | | | | | | 4 | 3 | 2 | 9 |
| 5. | Grey Lag Goose | <i>Anser anser</i> | - | 1 | - | 1 | | | | | | | | | | | | | - | 1 | - | 1 |
| 6. | Owl Brown Fish | <i>Bubo zylanensis</i> | 1 | 2 | 2 | 5 | | | | | | | | | | | | | 1 | 2 | 2 | 5 |
| 7. | Owl Brown Wood | <i>Strixlepta grammica</i> | - | 1 | 1 | 2 | | | | | | | | | | | | | - | 1 | 1 | 2 |
| 8. | Pelican | <i>Pelicanus philippensis</i> | 1 | 2 | - | 3 | | | | | | | | | | | | | 1 | 2 | - | 3 |
| 9. | White Breasted Water Hen | <i>Amaranous pieraniurus</i> | - | - | 1 | 1 | | | | | | | | | | | | | - | - | 1 | 1 |
| 10. | Eagle Crested Serpent | <i>Spilornis cheela</i> | 3 | 2 | - | 5 | | | | | | | | | | 1 | - | - | 2 | 2 | - | 4 |
| 11. | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 2 | 3 | 6 | - | - | 2 | | | | | | | | | | 1 | 2 | 5 | 8 |
| 12. | Duck Chinese | | 1 | 2 | - | 3 | | | | | | | | | | 1 | 1 | - | - | 1 | - | 1 |
| 13. | Heron Night | <i>Nycticorax nycticorax</i> | - | - | 1 | 1 | | | | | | | | | | - | - | 1 | - | - | - | - |
| 14. | Water Cock | <i>Gallicrex cinerea</i> | - | 1 | - | 1 | | | | | | | | | | | | | - | 1 | - | 1 |
| Total Nos of Birds | | | 17 | 21 | 12 | 50 | - | - | 2 | | | | | | | 2 | 1 | 1 | 15 | 20 | 13 | 48 |
| | | | | | | | | | | | | | | | | | | | | | | |
| Mammals | | | M | F | U | T | M | F | U | M | F | U | M | F | U | M | F | U | M | F | U | T |
| 1. | Deer Barking | <i>Muntiacus muntjak</i> | 2 | 4 | 2 | 8 | - | - | 1 | | | | | | | 1 | - | - | 2 | 4 | 2 | 8 |
| 2. | Deer Sambar | <i>Cervus unicolor</i> | 2 | 2 | - | 4 | | | | | | | | | | | | | 2 | 2 | - | 4 |
| 3. | Indian Porcupine | <i>Hystrix indica</i> | 1 | - | - | 1 | | | | | | | | | | 1 | - | - | - | - | - | - |
| Total Nos. of Mammals | | | 5 | 6 | 2 | 13 | - | - | 1 | | | | | | | 2 | 1 | - | 4 | 6 | 2 | 12 |
| Total Nos. of Animals | | | 22 | 27 | 14 | 63 | - | - | 3 | | | | | | | 4 | 2 | 1 | 19 | 26 | 15 | 60 |

27. 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. | Slow Loris | <i>Nycticebus bengalensis</i> | Male | 24 th June, 2018 | Hepatitis with bacterial infection |
| 2. | Jackal | <i>Canis aureus</i> | Female | 3 rd July, 2018 | Bacterial Pneumonia |
| 3. | Himalayan Yellow Throated Marten | <i>Martes flavigula</i> | Male | 21 st July, 2018 | Septicemia |

28. List of free living wild animals within the zoo premises

a. Mammals:

1. Stripped squirrel
2. Fruit Bats.

b. Birds:

1. Red Vented Bulbul
2. Common myna
3. Sparrow
4. Magpie Robin
5. Yellow wag tailed
6. Jungle myna
7. Spotted Dove
8. Tits
9. Hoopoe
10. Common crow
11. Owl
12. White breasted kingfisher

c. Reptiles:

Not sighted.
