

"LADY HYDARI PARK CUM MINI ZOO"

**Annual Report for the year
2017-18**

**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 2017-2018, which is a small attempt to emphasize the various activities that were taken up during this 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 population but of 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 the animals in particular.

Important days such as World Sparrow Day, World Environment Day, International Day for Biological Diversity and the Wildlife Week/2017 have been organized to enrich the knowledge of children and also to inculcate 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 cages are relatively small, 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, small poles inside the stump tailed Macaque enclosure & big hollow trunk inside the Himalayan Marten enclosure. 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 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. 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 15 species of mammals, 17 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 engaging in successfully transportation of one Male Himalayan Black Bear to Sri. Chamarajendra Zoological Gardens, Mysuru, Karnataka under animal exchange programme Mysuru Zoo and (1) Shillong Zoo, (2) Assam Zoo on the 5th March, 2018.

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 consist 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/2018
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	3.5
13	Number of Visitors (Financial Year)	Adult : 2,23,716
		Children : 40,927
		Total Indian : -
		Total Foreigners : -
		Total Visitors:2, 64,643
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. J Niangty (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.*

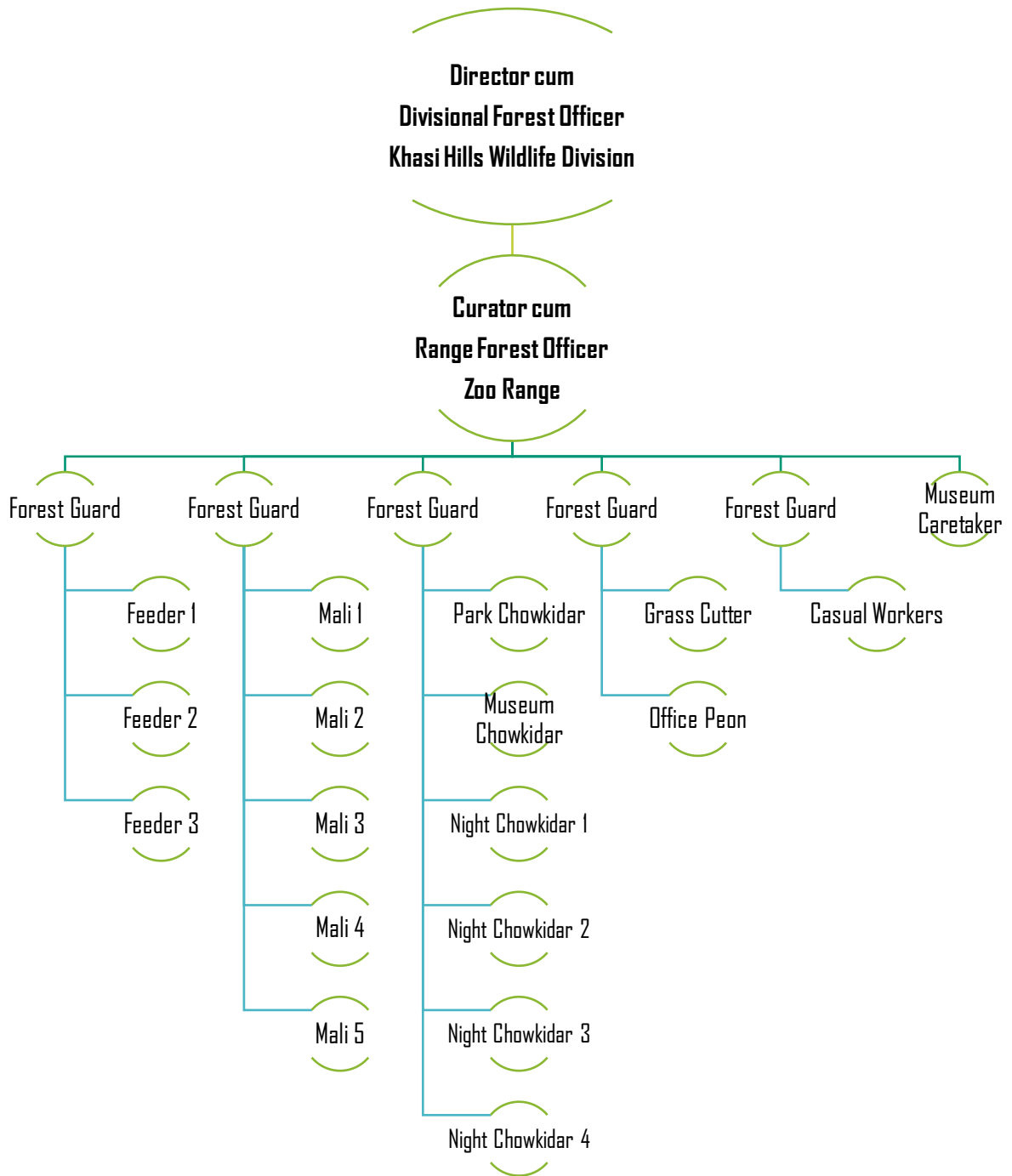
"Zoo Operator" means the person who has ultimate control over the affairs of the zoos provided that _____

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. Silverious Nongkynrih
6.	Mali	5	Shri. Arnest Lyngdoh Smti. Ridalin Kharbuli Shri. Paulus Blah Shri. Manoj Thapa Shri. Balen Marwein
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. Shanborlang Rynthathiang
11.	Office Peon	1	Shri. Milan Kurbah

* 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	Enforcement of Forest Act & Rules	2 (Two) Days	O/o of DFO, Training Division, Forests & Environment Department, Shillong.
2.	Shri. Herman Kharbudnah, Forest Guard	Forest Fire Prevention & Control Manage	2 (Two) Days	O/o of DFO, Training Division, Forests & Environment Department, Shillong.
		North Eastern Zoo Keepers Training on Management of Captive Wildlife	6 (Six) Days	Nagaland Zoological Park, Rangapahar, Dimapur.
3.	Shri. Dinesh Rabha, Feeder	North Eastern Zoo Keepers Training on Management of Captive Wildlife	6 (Six) Days	Nagaland Zoological Park, Rangapahar, Dimapur.

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. FDR. 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.

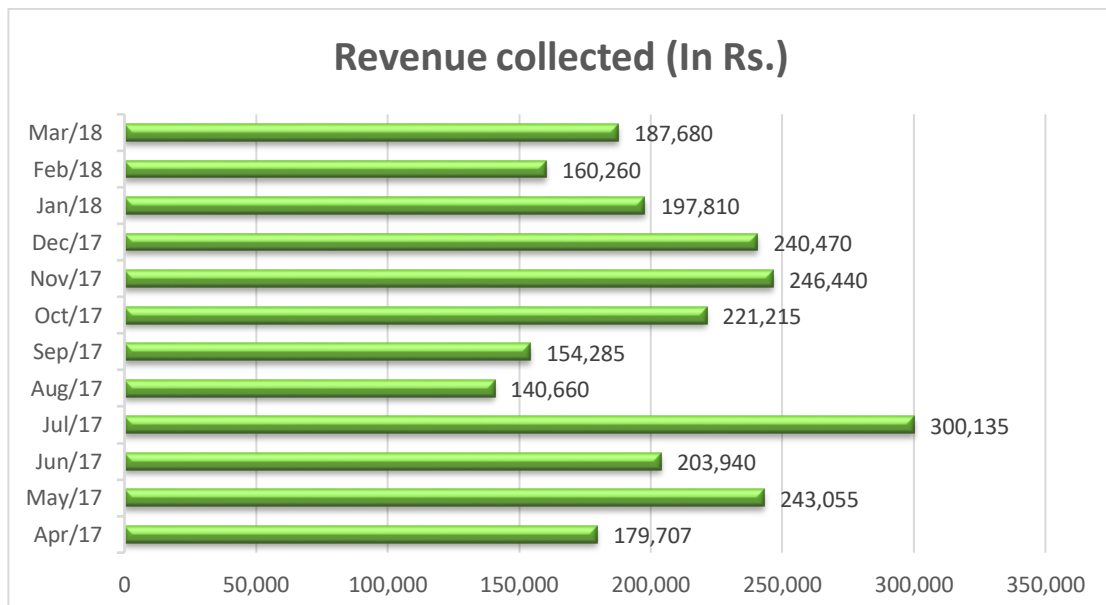
c. Dates on which Meetings held during the year: No meeting were held during financial year 2017-18.

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 2017	1,79,707
May 2017	2,43,055
June 2017	2,03,940
July 2017	3,00,135
August 2017	1,40,660
September 2017	1,54,285
October 2017	2,21,215
November 2017	2,46,440
December 2017	2,40,470
January 2018	1,97,810
February 2018	1,60,260
March 2018	1,87,680
Total	24,75,657



b. Expenditure:

S.No.	Head of Account	Amount Sanctioned	Amount Spent	Nature of Work
A. Development Expenditure:				
1.	2406-112 (02) 02. Wages	Rs. 57,600/-	Rs. 57,600/-	Wages for Casual Workers
2.	2406-112 (02) 11. T.E.	Rs. 40,000/-	Rs. 40,000/-	Travelling Expenses for Staff
3.	2406-112 (02) 13. O.E	Rs. 3,00,000/-	Rs. 3,00,000/-	Cost of Printing entry ticket, telephone bills, O.E, Medicine & Doctor's fee & Computer accessories
4.	2406-112 (02) 21. Materials & Supply	Rs. 1,00,000/-	Rs. 1,00,000/-	For Purchase of Cow dung, manure flower pots, seeds, garden implements & animal feeding trays
5.	2406-112 (02) 27. Minor Works	Rs. 10,00,000/-	Rs. 10,00,000/-	Developmental works (Repairs & Maintenance)
6.	2406-112 (02) 50. Other Charges	Rs. 50,000/-	Rs. 50,000/-	Urgent Minor repairs
Total		Rs. 15,47,600/-	Rs. 15,47,600/-	
B. Establishment Expenditure:				
1.	2406-110 (02) 50. Other Charges	Rs. 33,23,000/-	Rs. 33,23,000/-	Feed Bill
Total (A+B)		Rs. 48,70,600/-	Rs. 48,70,600/-	

13. Daily Feed Schedule of animals

Sl. No.	Species	Feed Item	Quantity		Day of fasting
			Winter	Summer	
1	Indian Pied Horn Bill (<i>Antheracocerus malabaricus</i>)	Banana Papaya	15 Nos. 0.200 kg	- do -	Monday
2	Northern Gosh Hawk (<i>Accipiter gentilis</i>)	Beef Cut	0.250 kg	- do -	Monday
3	Himalayan Griffon (<i>Gyps himalayensis</i>)	Beef cut	0.500 kg	- do -	Monday
4	Leopard Cat (<i>Felis bengalensis</i>)	Beef cut or chicken	0.500 kg	- do -	Monday
5	Slow Loris (<i>Nycticebus bengalensis</i>)	Rice Beef cut Milk Banana Egg	0.050 kg 0.125 kg 0.120 kg 10 Nos. 1 No.	- do -	Monday
6	Rhesus Macaque (<i>Macaca mulatta</i>)	Onion Bhuna Gram Ground Nut Green Veg Leaf Tomato Bread Sweet potato Papaya Carrot Banana	0.025 kg 0.100 kg 0.100 kg 0.200 kg 0.025 kg 0.150 kg 0.100 kg 0.100 kg 0.100 kg 2 Nos.	- do -	Monday
7	Stump Tailed Macaque (<i>Macaca speciosa</i>)	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.		
8	Palm Civet Common Toody-Cat (Hermophrodituspar aduxurus)	Banana	10 Nos.	- do -	Monday
		Beef cut	0.250 kg		
		Milk	0.500 Ltr.		
9	Himalayan Black Bear (Salenarctusthibetan us)	Sweet Potato	0.100 kg		Monday
		Gur	0.150 kg		
		Rice	0.700 kg		
		Milk	0.800 kg		
		Bread	0.100 kg	- do -	
		Carrot	0.300 kg		
		Banana	4 Nos.		
		Papaya	0.200 kg		
		Egg	2 Nos.		
10	Jackal (Canis aureus)	Beef cut	1.000 kg	- do -	Monday
11	Himalayan Yellow Throated Marten (Martesflavigula)	Beef Cut or chicken	0.250 kg		Monday
		Banana	10 Nos.	- do -	
		Mild	0.250 Ltr.		
12	Serow (Capricornissumatrensis)	Wheat Bran	0.750 kg		Monday
		Satuwa	0.500 kg		
		Soaked gram	0.400 kg		
		Green Foder	3.000 kg	- do -	
		Green Amla	0.080 kg		
		Oil Cake	0.050 kg		
		Banana	10 No.		

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13	Common Fox (<i>Vulpes bengalensis</i>)	Beef Cut	1.000 kg.	- do -	Monday
14	Clouded Leopard (<i>Neofelis nebulosa</i>)	Beef Cut	2.500 kg	- do -	Monday
15	Deer Hog (<i>Axis porcinus</i>)	Wheat Bran	0.750 kg	- do -	Monday
		Satuwa	0.500 kg		
		Soaked gram	0.400 kg		
		Green Foder	4.000 kg		
		Green Amla	0.070 kg		
		Oil Cake	0.050 kg		
		Banana	1 No.		
16	Asian Brown Tortoise <i>Manouria emys</i>	Green Veg Leaf	0.750	- do -	Monday
		Seasonal Fruits	0.200		
		Banana	2		
		Bread	0.100		
		Tomato	0.050		
		Potato / Sweet Potato	0.100 0.050		
		Carrot			
17	Goose Bar Headed (<i>Anser indicus</i>)	Onion	0.025 kg	- do -	Monday
		Garlic	0.025 kg		
		Paddy	0.200 kg		
		Green Veg. Leaves	0.100 kg 0.150 kg		
		Bread	0.020 kg		
		Satuwa	0.050 kg		
		Wheat Bran			
18	Parakeet Blossom Headed (<i>Psittacula cyanocephala</i>)	Soaked Gram	0.050 kg	- do -	Monday
		Paddy	0.020		
		Tomato	0.020		
		Green Chilly	0.015 kg		
		Papaya	0.050 kg		

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		Banana	2 No.		
19	Heron Pond (<i>Ardeolagravii</i>)	Fish (5-10) Cms	0.200 kg.	- do -	Monday
20	Geese Chinese	Wheat Bran Satuwa Paddy	0.200 kg. 0.075 kg. 0.200 kg.	- do -	Monday
21	Grey Lag Goose (<i>Anseranser</i>)	Wheat Bran Paddy Green Veg. Leaves Soaked Gram Fish (5-10) cms. Satuwa	0.100 kg 0.200 kg 0.100 kg 0.050 kg 0.100 kg 0.020 kg	- do -	Monday
22	Owl Brown Fish (<i>Bubo zylanensis</i>)	Beef Minced	0.200 kg.	- do -	Monday
23	Owl Brown Wood (<i>Strixleptogrammica</i>)	Beef Minced	0.200 kg.	- do -	Monday
24	Pelican (<i>Pelicanusphilippensis</i>)	Fish (10-20) Cms	1.500 kg.	- do -	Monday
25	White Breasted Water Hen (<i>Amaronouspieroniu s</i>)	Fish (5-10) Cms	0.200 kg.	- do -	Monday
26	Eagle Crested Serpent (<i>Spilornisheela</i>)	Beef Cut	0.250 kg	- do -	Monday
27	Spotted Dove	Satuwa Soaked Gram Paddy	0.050 kg 0.040 kg 0.050 kg	- do -	Monday
28	Duck Chinese	Wheat Bran Paddy Satuwa	0.150 kg 0.200 kg 0.050 kg	- do -	Monday
29	Heron Night	Fish (5-10cm)	0.200 kg	- do -	Monday
30	Water Cock	Fish (5-10) Cm	0.100 kg	- do -	Monday

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		Bread	0.100 kg		
		Paddy	0.050kg		
		Soaked Gram	0.050kg		
		Green vegetable	0.050 kg		
31	Deer Barking (Muntiacusmuntjak)	Wheat Bran	0.500 kg	- do -	Monday
		Satuwa	0.500 kg		
		Soaked gram	0.400 kg		
		Green Fooder	3.000 kg		
		Green Amla	0.080 kg		
		Oil Cake	0.050 kg		
32	Deer Sambar (Cervus unicolor)	Wheat Bran	1.500 kg	- do -	Monday
		Satuwa	0.750 kg		
		Soaked gram	0.500 kg		
		Green Fooder	10.000 kg		
		Green Amla	0.070 kg		
		Oil Cake	0.100 kg		
33	Indian Porcupine (Hystrixindica)	Sweet Potato	0.200 kg	- do -	Monday
		Ground nuts	0.100 kg		
		Seasonal Fruits	0.200 kg		
		Carrot	0.200 kg		
		Green Vegetable	0.050 kg		
		Leaves			
		Soaked Gram	0.100 kg		
		Bhuna Gram	0.100 kg		

14. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
No vaccination schedule were carried out in the zoo. Vaccination are carried out only on veterinarian's advice.					

15. De-worming Schedule of animals

Sl. No.	Species	Drug used	Month
1.	Serow (<i>Capricornis sumatrensis</i>)	Fentas	March, 2018
2.	Deer Sambar (<i>Cervus unicolor</i>)	Fentas	March, 2018
3.	Clouded Leopard (<i>Neofelis nebulosa</i>)	Fentas plus	March, 2018
4.	Himalayan Black Bear (<i>Salenarctus tibetanus</i>)	Minthal	March, 2018
5.	Himalayan Black Bear (<i>Salenarctus tibetanus</i>)	Fentas plus	March, 2018
6.	Deer Hog (<i>Axis porcinus</i>)	Neomec	March, 2018
7.	Himalayan Yellow Throated Marten (<i>Martes flavigula</i>)	Neomec	March, 2018

16. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
No Schedule carried out for disinfection.				

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	18.12.2017 to 20.12.2017	No Abnormalities detected
2.	Shri Dinesh Rabha	Feeder		No Abnormalities detected
3.	Shri. Rodrick Sing Syiem	Muster Roll		No Abnormalities detected
4.	Shri. LamboklangKharbudnah	Muster Roll		No Abnormalities detected
5.	Shri TailangNongbet	Muster Roll		No Abnormalities detected

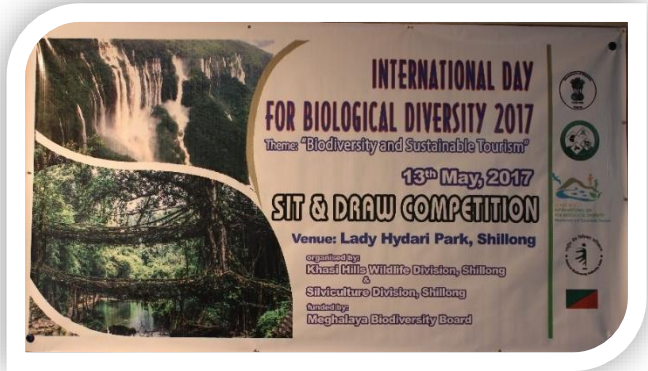
18. Development Works carried out in the zoo during the year

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	Repairing and Painting to Bird's Aviary at Lady Hydari Park, Shillong.	44,000/-
4	Repairing and Painting to Two Nos Animal Cages at Lady Hydari Park, Shillong.	43,700/-
5	Painting of Two Nos. Rain Shelter at Lady Hydari Park, Shillong.	22,732/-
6	Repairing and Painting of One No. Rain Shelter (Umbrella type) at Lady Hydari Park, Shillong.	4,750/-
7	Repairing and Painting of One No. Rain Shelter (Pagoda type) at Lady Hydari Park, Shillong.	90,100/-
8	Roof Painting to Museum at Lady Hydari Park, Shillong.	19,900/-
9	Repairing of Public Toilet at Lady Hydari Park, Shillong.	96,300/-
10	Spot renovation of spoilt foot path inside Lady Hydari Park, Shillong. Length = 16.40 Meters	45,198/-
11	Renovation of Interpretation Centre at Lady Hydari Park, Shillong by way of replacing of steel casement windows by aluminum windows, old CGI sheet roofing by dyna roofin, spoilt play wood ceiling to be replaced by hardboard ceiling including painting and distemping.	5,42,400/-
12	Replacing of 4 (Four) Nos old wooden garden chair by way of providing newly designed iron square/rectangular bar including fitting and fixing with C C work in foundation bed.	37,600/-
13	Includes urgent minor repairing at the animal's land enclosure, bamboo fencing, painting, cleaning of drain etc.	50,000/-
	TOTAL	10,49,960/-

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 & Under privileged 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 13th May 2017. The students from various schools took part in the competition enthusiastically. The winners of the two competitions were felicitated by Dr. Shreeranjana, IAS, Additional Chief Secretary, Forests and Environment Department, Government of Meghalaya & Shri C.P. Marak, IFS, PCCF & HoFF, Government of Meghalaya on 22nd May, 2017 at U SosoTham 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.
- ***“Biodiversity: Importance & Threats***
Under Privileged Children



19.1.2. Essay Competition Topic:

- ***“Biodiversity: Climate Change Mitigation”:***
Class XI & XII.
- ***“Role of Forest in Biodiversity Conservation”:***
Class VIII - X



19.2. Swachh Bharat Abhiyan Mission: As a part the Mission, Zoo Management along with Muster roll took part in planting & cleaning drive. (September/2017)



19.3. Celebration of World Environment Day:

As part of the World Environment Day, 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. The Tree species planted are as follows:

S. No.	Names of the Species	Family
1.	<i>Salix tetrasperma</i> Roxb.	Salicaceae
2.	<i>Lagerstroemia indica</i> Roxb.	Lythraceae
3.	<i>Cupressus torulosa</i>	Pinaceae
4.	<i>Prunus cerasoides</i> Wall.	Rosaceae
5.	<i>Jacaranda mimosifolia</i> Wall.	Begononaceae
6.	<i>Exbucklandi populnea</i> Griff.	Hamamelidaceae



19.4. Wildlife Week Celebration:

To commemorate Wildlife Week Celebration 2017, 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, Slogan-Writing, Essay writing, Models depicting Wildlife Conservation / Environmental Conservation and Drawing Competition*. The main aim of these Competitions is to inculcate in them the importance of wildlife and also to change the human 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>	Degree Level	Birds / Orchids of Meghalaya
2.	<i>Model Making</i>	Class IX & X	Environmental Conservation/ Wildlife Conservation
3.	<i>Quiz</i>	Class VII – VIII	Relating to Wildlife
4.	Drawing Competition	Group-A Class: VI and below Group-B Specially-Able Group-C Underprivileged	Butterflies / Insects / Orchids

**Model Making Competition****Quiz Competition****Walk for Wildlife****Valedictory Function: CWLW Address**

19.5. Celebration of World Sparrow Day: Bird Watching & Quiz Competition were organized as a part of celebration. Documentary films about Bird Conservation were also shown to the Students. Pocket size calendar having Sparrow photograph along with a message were distributed to the students.



Bird Watching Tips



Quiz Competition



Students enjoying Documentary Film

20. Important Events and happenings

In Compliance to CZA's approval (vide F.No. 23-3/2017-CZA/(Pt.)(PKR)/1825/2017 dated 25.10.2017), One Male Himalayan Black Bear has been successfully transferred (1st time) to Sri Chamarajendra Zoological Gardens, Mysore on 5th March/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

A.	Animals arriving in the Zoo				
	H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
	-	-	-	-	-
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	21	Himalayan Black Bear	1 (M)	Sri. Chamarajendra Zoological Gardens, Mysuru, Karnataka	5 th March, 2018

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.	Bear Himalayan Black (Cubs): 2 (F)	06/10/2017	Shri. Bendingstone Pahiar	Due to oversight, it was not intimated. The same has been communicated to Chief Wildlife Warden through this office letter No. MWL/114/CZA/362 dated 7 th August/2018.		To maintain Viable population
2.	Cat Leopard: 1 (F)	20/02/2017	Shri. EzekialMarngarPahiar Shri. BanteilangKhoneglangnet			
3.	Cock water: 1 (M) & 1 (F)	(M) 24/11/2016 (F) 26/11/2016	(M) Shri. PhyrnaishaiNongneng (F) Shri. WallamkumarBasan			
4.	Deer Barking (Kakar): 1 (U)	17/02/2017	Shri. Pynsuklang Sumer			
5.	Deer Hog: 1 (M)	01/06/2017	O/o DFO, Jaintia Hills District			
6.	Dove Spotted: 2 (U)	24/03/2017	Shri. E. Thangkhiew			
7.	Heron Night: 1 (U)	01/06/2016	Shri. MeshakBasan Nongbet			
8.	Owl Brown Fish: 2 (U)	02/05/2017 02/12/2016	Shri. AbidonWansai Shri. Pynskhemlang Kharkongor			
9.	Parakeet Blossom Headed: 2 (U)	12/05/2017 05/10/2017	Shri. W. Shylla Shri. PawanThapa			

26. Annual Inventory of animals

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

Inventory Report for the Year: 2017 - 2018

Endangered Species*

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

Sl. No.	SPECIES		Opening Stock as on 01.04.17				During the Year 2017-2018												Closing Stock as on 31.03.18			
							Birth			Acquisition			Disposal			Death						
	BIRDS	Scientific Name	M	F	U	T	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 Goshawk	<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	M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T			
1.	Leopard Cat	<i>Felis bengalensis</i>	1	1	-	2				-	1	-							1	2	-	3
2.	Slow Loris	<i>Nycticebus bengalensis</i>	1	1	-	2										-	1	-	1	-	-	1
3.	Rhesus Macaque	<i>Macaca mulatta</i>	3	5	-	8	-	-	2										3	5	2	10
4.	Stump Tailed Macaque	<i>Macaca speciosa</i>	-	1	-	1													-	1	-	1
5.	Palm Civet Common Toody-Cat	<i>Hermaphroditus pardaxurus</i>	-	1	-	1													-	1	-	1
6.	Himalayan Black Bear	<i>Salenarctus tibetanus</i>	4	1	-	5				-	2	-	1	-	-	2	-	-	1	3	-	4
7.	Jackal	<i>Canis aureus</i>	-	1	-	1													-	1	-	1
8.	Himalayan Yellow Throated Marten	<i>Martes flavigula</i>	1	-	-	1													1	-	-	1
9.	Serow	<i>Capricornis sumatrensis</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 parcinus</i>	2	-	-	2				1	-	-				1	-	-	2	-	-	2
Total Nos. of Mammals =			13	13	-	26	-	-	2	1	3	-	1	-	-	3	1	-	10	15	2	27

	REPTILES	Scientific Name																				
1.	Asian Brown Tortoise	<i>Manouriaemys</i>	-	-	1	1													-	-	1	1
Total Nos. of Animals =			13	15	3	31	-	-	2	1	3	-	1	-	-	3	1	-	10	17	5	32

Part - B

Other than Endangered Species

Sl. No.	Bird Species		Opening Stock as on 04.17				During the year												Closing Stock as on 31.3.18				
							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>Anserindicus</i>	2	1	-	3										-	1	-	2	-	-	2	
2.	Parakeet Blossom Headed	<i>Psittaculacyanocephala</i>	1	3	-	4				-	-	2							1	3	2	6	
3.	Heron Pond	<i>Ardeolagrarijii</i>	3	2	-	5													3	2	-	5	
4.	Geese Chinese		4	3	-	7	-	-	2										4	3	2	9	
5.	Grey Lag Goose	<i>Anseranser</i>	-	1	-	1													-	1	-	1	
6.	Owl Brown Fish	<i>Bubo zylonensis</i>	1	2	-	3				-	-	2							1	2	2	5	
7.	Owl Brown Wood	<i>Strixleptogrammica</i>	-	1	1	2													-	1	1	2	
8.	Pelican	<i>Pelicanusphilippensis</i>	1	2	-	3													1	2	-	3	
9.	White Breasted Water Hen	<i>Amaranouspieronius</i>	-	-	1	1													-	-	1	1	
10.	Eagle Crested Serpent	<i>Spilornis cheela</i>	3	2	-	5													3	2	-	5	
11.	Spotted Dove		1	2	1	4				-	-	2							1	2	3	6	
12.	Duck Chinese		1	2	-	3													1	2	-	3	
13.	Heron Night									-	-	1							-	-	1	1	
14.	Water Cock									1	1	-				1	-	-	-	1	-	1	
Total Nos of Birds			17	21	3	41				2	1	1	7				1	1	-	17	21	12	50
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>Muntiacusmuntjak</i>	2	4	-	6	-	-	1	-	-	1							2	4	2	8	
2.	Deer Sambar	<i>Cervus unicolor</i>	2	2	-	4													2	2	-	4	
3.	Indian Porcupine	<i>Hystrixindica</i>	1	-	-	1													1	-	-	1	
Total Nos. of Mammals			5	6	-	11	-	-	1	-	-	1							5	6	2	13	
Total Nos. of Animals			22	27	3	52	-	-	3	1	1	8				1	1	-	22	27	14	63	

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.	Himalayan Black Bear	<i>Salenarctusthibetanus</i>	Male	24 th May 2017	Died due to Traumatic injury
2.	Himalayan Black Bear	<i>Salenarctusthibetanus</i>	Male	10 th July, 2017	Bacterial Pneumonia
3.	Slow Loris	<i>Nycticebusbengalensis</i>	Female	10 th July, 2017	Gastro enteritis
4.	Deer Hog	<i>Axis porcinus</i>	Male	17 th Aug., 2017	Died due to Traumatic injury

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.