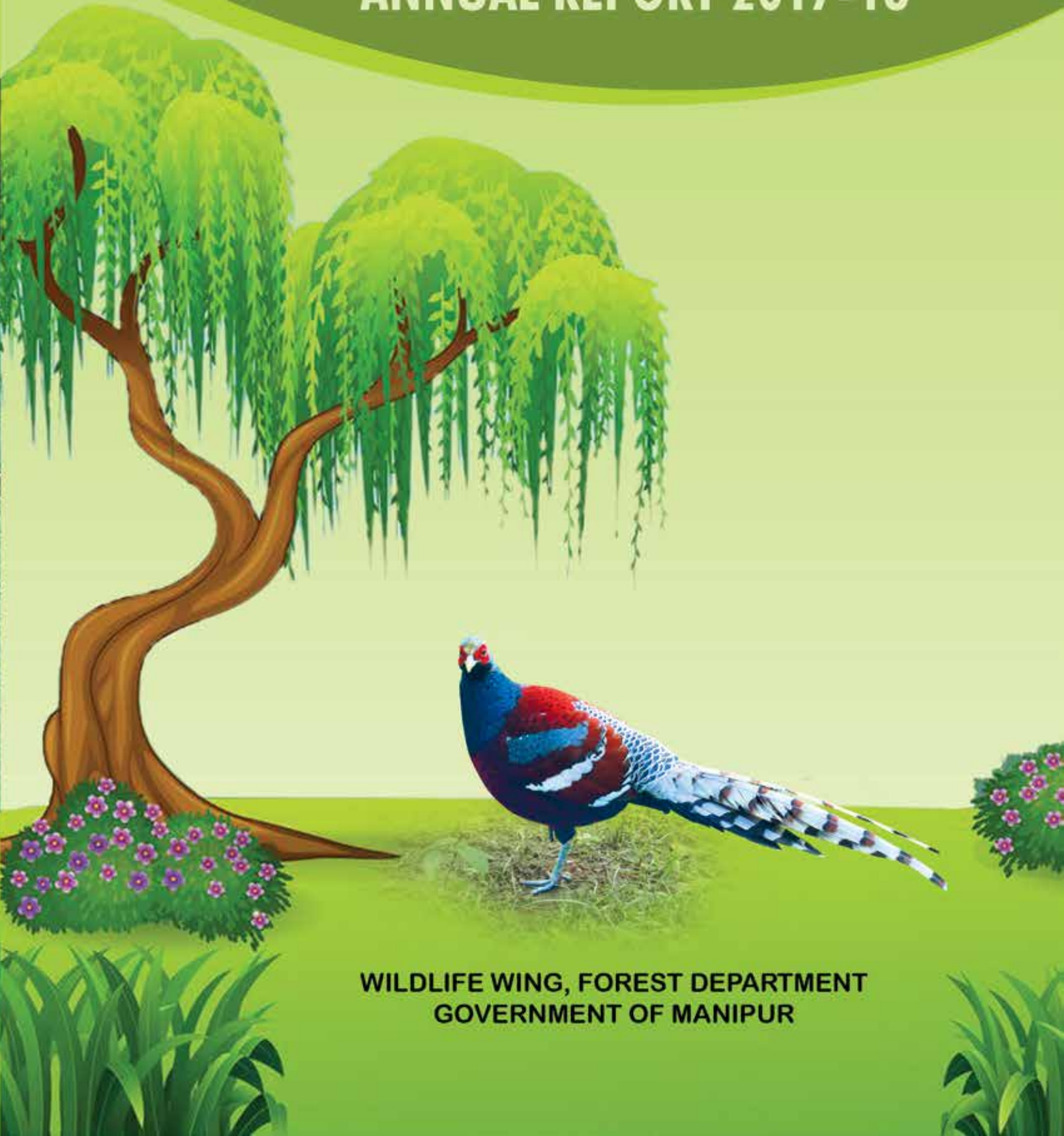


MANIPUR ZOOLOGICAL GARDEN
IROISEMBA, IMPHAL

ANNUAL REPORT 2017-18



WILDLIFE WING, FOREST DEPARTMENT
GOVERNMENT OF MANIPUR

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1. Report of the Director/ Manipur Zoological Garden

Manipur Zoological Garden has made a serious effort to revamp its zoo administration and facilities to attract more visitors particularly students and children to provide recreation, scientific studies, education, awareness amenities to them such as Wildlife theme paintings on the entrance walls of the zoo, deploying young dynamic zoo personnel as zoo guides, frequent interaction with student/ children groups and their teachers, upgrading children's amusement park, installing signages providing animal information of all enclosures and zoo map. The Zoo has made sincere efforts to generate as well as improve awareness about Cleanliness of Zoo as a standard management practice amongst the Zoo officials/ staffs/visitors/locals and other stakeholders and reducing one time use plastics in and around zoo campus. Zoo personnels of all levels had been deputed to different parts of the country for various training programmes to upgrade their skill in zoo management.



Special attention was given to Conservation Breeding Programme of Brow Antlered Deer (State animal) and Mrs Hume's Pheasant (State bird) with an aim to breed genetically, physically and behaviourly healthy individual for proper display and as insurance for future exigencies and ultimate release back into their natural habitat. Manipur Zoological Garden witnessed the birth of a baby Brow antlered deer but due a pregnant female. With consistent conservation efforts, We also witnessed three female Mrs Hume's pheasant laying eggs during the month of March, 2018 for the first time in Zoo.. We also had births of other zoo animals such as Himalayan black bear, hog deer, sambar, barking deer, slow loris and purple moorhen.

Many developmental works were taken up to modernise the Zoo. For better surveillance of the zoo unit, CCTV cameras were installed at strategic locations. Construction of slow loris enclosure funded by Central Zoo Authority is almost completed and very soon the slow loris will be welcomed in its new enclosure. The construction of Veterinary hospital funded by Central Zoo Authority is under progress.

This financial year many good works could be achieved with lots of support from animal attendants and other zoo personnels, animals activists, NGOs, public and senior officer's guidance and blessings. We believe in continuing the good works in the coming year as well.

Gaithaolu Thamei
Director, Manipur Zoological Garden
Government of Manipur

2. History of Manipur Zoological Garden:

Manipur Zoological Garden was established on 2nd October, 1976 on the advice of the then State Wildlife Advisory Board. It covers an area of 8.17 Ha at Iroisemba, Imphal which is about 8 kms from Imphal city. Manipur Zoo is home to a number of rare and endangered species which are endemic to this region, many of which are included in Schedule I and Schedule II of the Wildlife (Protection) Act, 1972. Manipur Zoological Garden was categorised as a “Medium Zoo” by the Central Zoo Authority (CZA) on 02.02.2009. It was further identified to be developed as a “model zoo” by CZA in November, 2014.

Manipur Zoological Garden maintained a Captive Breeding Centre (CBC) at the Langol Reserve Forest which extends to an area of 6.007 ha. for three (3) important species; (i) Brow-antlered deer (The State Animal of Manipur), (ii) Mrs Hume’s Bar Pheasant (The State Bird of Manipur and (iii) Kalij Pheasant. There is scope for future expansion of the zoo. There is also the vision for conversion of zoo to the status of Manipur State Zoo.

3. Vision

Manipur Zoological Garden strive to become a zoo committed to animal stewardship and conservation leadership inspiring the public to have the passion for nature and saving wildlife for future generations.

The visions are:

- i. To inspire the public to see the zoo as scientific institution engaged in animal welfare and conservation of wildlife.
- ii. To inspire the public to see the zoo as Centres of knowledge on effective techniques for maintaining healthy ambience and pollution free environment.
- iii. To become a State Zoo with expansion to National Standard committed to animal conservation
- iv. To inspire the visitors for having passion for Nature and saving wildlife for future generation.
- v. To set exemplary standard for conservation, education and preservation of wildlife.
- vi. To commit to protection of biodiversity over the years and to be a major force in conserving biodiversity.

4. Mission:

- i. To complement and strengthen the national efforts in conservation of wildlife through planned coordinated conservation breeding of endangered wild animal species of the region.
- ii. To develop amongst the visitors an empathy for wild animals and motivate them to support the cause of wildlife conservation.
- iii. To develop amongst the visitors an understanding about the ecological linkages with the

life supporting processes of nature and the need for keeping them intact by adopting sustainable life styles and living in harmony with nature.

- iv. To enhance the role of Manipur Zoological Garden in conservation through scientific research for protecting the wild animals and their natural habitats by creating a data base for sharing information between the agencies involved in in-situ and ex-situ conservation.
- v. To act as a rescue centre by receiving and keeping orphaned, seized, rescued, injured wild animals with all medical and feed care with proper housing.
- vi. To give comfort, health and safety for the animals.
- vii. To provide recreation, scientific studies, education, awareness amenities to the visitors.
- viii. To engage visitors in enjoyable and unique experiences, connect the community with nature, and inspire actions with support conservation.

5. Objectives:

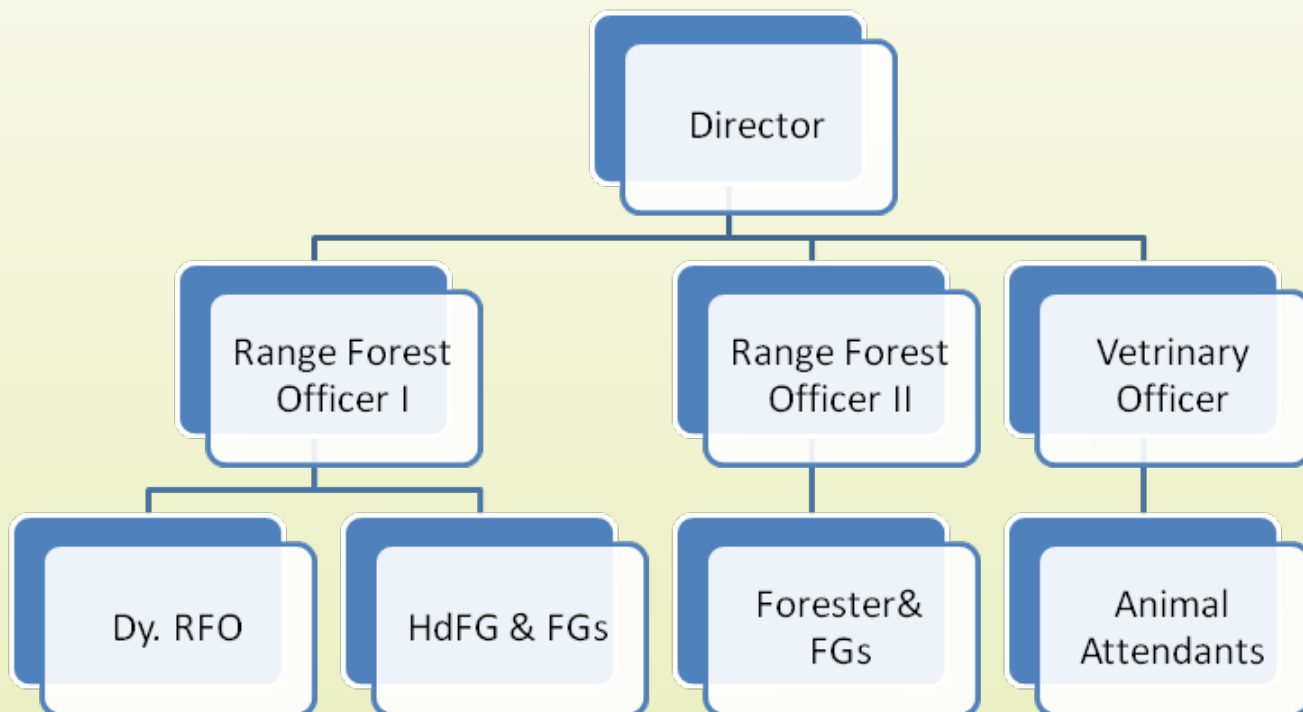
- i. Conservation of Wildlife – sustain population of physically, genetically and behaviourally healthy animals.
- ii. Captive breeding – eg. Sangai, Mrs Hume’s Pheasant, Kalij pheasant, Slow loris, Burmeses Green peafowl.
- iii. Ex-situ conservation of endangered species – appropriate to provide stock for recovery programme.
- iv. Resource of natural gene pool.
- v. Source of scientific data – behaviour, nutrition, pathology, breeding.
- vi. Education and awareness.
- vii. Recreation.

6. About us

Sl. No.	Particulars	Information
Basic Information about the Zoo		
1.	Name of the Zoo	Manipur Zoological Garden
2.	Year of Establishment	2/10/1976
3.	Address of the Zoo	Manipur Zoological Garden, Iroisemba, Imphal. Manipur 795009
4.	State	Manipur
5.	Telephone No	0385-2410465
6.	Fax Number	-
7.	E-mail address	directormzg@gmail.com
8.	Website	Departmental website under construction

9.	Distance from nearest	Airport: 12 km
		Railway Station: Nil
		Bus Stand: 6 km
10.	Recognition Valid upto (Date)	2022
11.	Category of zoo	Medium
12.	Area (in Hectares)	8.17
13.	Number of Visitors (Financial Year)	Adult : 62861
		Children: 24183
		Students: 27303
		Total Indian : 114347
		Total Foreigners : Nil
		Total Visitors :114347
14.	Visitor's Facilities Available in Zoo	Drinking water points, Rest Sheds, open visitor seats, public toilet complex, Battery operated vehicle, children garden with play items, signages, animal signboards providing information on systemic classification, distribution, biology and conservation status, garbage bins, first aid kits, visitors guides
15.	Weekly Closure Day of the Zoo	Monday
Management Personnel of the zoo		
16.	Name with designation of the Officer-in-charge	Gaithaolu Thaimai Director/ Manipur Zoological Garden
17.	Name of the Veterinary Officer	Dr. L. Saratchandra Singh Veterinary Assistant surgeon
Owner / Operator of the Zoo		
18.	Name of the Operator	Forest Department, Govt. of Manipur
19.	Address of the Operator	Forest Head Office, Sanjenthong, Imphal East. Manipur. Pin - 795001
20.	Contact details/ Phone number of Operator	0385-2450165 0385-2460936

7. Organizational Chart



8. Human Resources

Manpower of the Zoo

Sl. No.	Designation	No. of Sanctioned Posts	Names of the incumbent
1.	Director	1	Smt. Gaithaolu Thamei
2.	Vety. Asstt. Surgeon	1	Dr. L. Saratchandra Singh
3.	RFO	2	Shri S.W. Suisa
			Shri Kh. Loteswor Singh
4.	Dy RFO	2	Shri Ch. Binoykumar Singh
5.	Forester	1	Shri A. K. Momon Singh
6.	LDC	3	Shri Y. Heera Singh
			Shri I. Gyneshore Singh
			Smt. Naoroibam Rina Devi
7.	Head Forest Guard	1	Md Akbar

8.	Forest Guards		Shri A. Robinson Singh
			Ms. A. Riya Devi
			Shri H. Babu Singh
			Shri H Bishworjit Meetei
			Shri Kh. Mathang Singh
			Ms. N. Bindiya Devi
			Smt. Neikhoneng
			Smt. P. Mandakini Devi
			Smt. S. Ibetombi Devi
			Shri S. Joy Singh
			Shri S Yaikhomba Singh
			Shri Th Manimohon Singh
			Shri Th Monarch Singh
9	Animal Attendant & Game Watchers	10	Shri Durgacharan Krmkar
			Shri H. Somipam
			Shri I. Lokendro Singh
			Shri K. Angam Tangkhul
			Shri K. Gunindro Singh
			Shri K. Manglemjao Singh
			Shri L. Jadumani Singh
			Shri L. Deven Singh
			Shri Th. Tejmani Singh
10	Driver	1	Shri S. Inaomacha Singh
11	Peon	2	Shri H. Leibakmacha Singh
			Shri Kh. Chandra Singh
12	Gate keeper	1	Shri P. Shyamkishore Singh
13.	Mali	4	Shri L. Brojen Singh
			Shri M. Raghmani Singh
			Shri Sh Shantikumar Sharma
			Shri Th Jugindro Singh
14	Chowkidar	1	Shri W. Shyamochandra Singh
15	Sweeper	1	Shri Lupheng

7. 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
	Dr. L. Saratchandra Singh, Vet Asst Surgeon	Capacity Building of Indian Zoo Veterinarians on Animal Health Management in Captivity at	11 th -14 th Sept, 2017.	National Zoological Park, New Delhi
	Shri K. Mangoljao Singh, Animal Attendant and Shri I. Lokendro Singh, Game Watcher	Training of zoo keepers of the North Eastern Region	20 th -25 th Nov, 2017	State Environment & Forestry Training Institute, Dimapur, Nagaland
	Shri Kh. Loteswor Singh, Range Forest Officer	Middle Level Officers Training Programme	11 th -14 th December, 2017	Sanjay Gandhi Biological Park, Patna
	Smt Gaithaolu Thamei, Director/ Manipur Zoological Garden	Annual Conference of All India Zoo Director "Vision 2030 of the Zoos in India"	18 th - 21 st December, 2017	Mysore Zoo

8. Statement of income and expenditure of the Zoo

The total number of visitors recorded during the financial year 2017-18 is 1, 14,347 and the revenue collected is Rs. 9,56,944. The details of number of visitors and revenue collection are as follows:

NUMBER OF VISITORS AND REVENUE FOR THE YEAR, 2017-18						
Month	No. Of Adult Visitors	No. Of Child Visitors	No Of Student Visitors	No Of Student Tour Visitors	Total No Of Visitors	Total Revenue (In Rs)
April, 2017	9214	1658	2368	0	13240	139321
May, 2017	8251	5400	6017	2845	22513	161962
June, 2017	8600	3528	3197	1355	16680	132285
July, 2017	1821	598	616	80	3115	26284
August, 2017	3734	1523	1501	280	7038	57169
September, 2017	3584	1236	953	0	5773	50024
October, 2017	2735	1680	1256	509	6180	47166
November, 2017	3205	1620	3070	0	7895	61390
December, 2017	4271	2232	1134	201	7838	64256

January, 2018	6783	2465	624	0	9872	87839
February, 2018	4467	1157	276	137	6037	54568
March, 2018	6196	1086	884	0	8166	74680
	62861	24183	21896	5407	114347	956944

9. Daily feed Schedule of animals

Sl. No.	Name of Species	No. of animals	Items	Qty. per day/animal (in kg)	Qty. per day/spp (in kg)	Qty. per month/spp (in kg)	Qty. per year/spp (in kg)	Day of fasting
1	Leopard	1	Beef	4.00	4.00	120.00	1440.00	Nil
		Total:		4.00	4.00	120.00	1440.00	
2	Leopard cat	14	Beef	0.23	3.22	96.60	1159.20	-do-
			Chicken	0.40	5.60	168.00	2016.00	-do-
		Total:		0.63	8.82	264.60	3175.20	
3	Jungle cat	1	Beef	0.25	0.25	7.50	90.00	-do-
			Chicken	0.50	0.50	15.00	180.00	-do-
		Total:		0.75	0.75	22.50	270.00	
4	Toddy cat	1	Beef	0.40	0.40	12.00	144.00	-do-
			Chicken	0.35	0.35	10.50	126.00	-do-
			Egg	1.00	1.00	30.00	360.00	-do-
			Banana	0.30	0.30	9.00	108.00	-do-
		Total:		2.05	2.05	61.50	738.00	
5	Golden jackal	1	Beef	0.70	0.70	21.00	252.00	-do-
			Chicken	0.30	0.30	9.00	108.00	-do-
			Banana	0.10	0.10	3.00	36.00	-do-
			Potato	0.10	0.10	3.00	36.00	-do-
		Total:		1.20	1.20	36.00	432.00	
6	Bengal monitor lizard	3	Beef	0.20	0.60	18.00	216.00	-do-
			Egg	1.00	3.00	90.00	1080.00	-do-
		Total:		1.20	3.60	108.00	1296.00	
7	Himalayan vulture	7	Beef	1.00	7.00	210.00	2520.00	-do-
			Chicken	0.50	3.50	105.00	1260.00	-do-
		Total:		1.50	10.50	315.00	3780.00	
8	Green peafowl	2	Beef	0.05	0.10	3.00	36.00	-do-
		Total:		0.05	0.10	3.00	36.00	
9	Oriental pied horn bill	1	Beef	0.30	0.30	9.00	108.00	-do-
			Banana	0.50	0.50	15.00	180.00	-do-
		Total:		0.80	0.80	24.00	288.00	
10	Crested serpent eagle	3	Beef	0.50	1.50	45.00	540.00	-do-
		Total:		0.50	1.50	45.00	540.00	

11	Pariah kite	1	Beef	0.50	0.50	15.00	180.00	-do-
		Total:		0.50	0.50	15.00	180.00	
12	Chinese ferret Badger	1	Beef	0.10	0.10	3.00	36.00	-do-
			Egg	1.00	1.00	30.00	360.00	-do-
			Banana	0.30	0.30	9.00	108.00	-do-
		Total:		1.40	1.40	42.00	504.00	

Sl.No.	Name of Species	No. of animals	Items	Qty. per day/animal (in kg)	Qty. per day/spp (in kg)	Qty. per month/spp (in kg)	Qty. per year/spp (in kg)	Day of fasting
13	Python	2		2.50	5.00	20.00	240.00	(once in a week @ 2.5 kg/animal)
		Total:		2.50	5.00	20.00	240.00	
14	Rosy pelican	1	Lata/Carp fish	1.50	1.50	45.00	540.00	Nil
		Total:		1.50	1.50	45.00	540.00	
15	Greater adjutant	2	Lata/Carp fish	1.50	3.00	90.00	1080.00	-do-
		Total:		1.50	3.00	90.00	1080.00	
16	Purple heron	2	Lata/Carp fish	0.65	1.30	39.00	468.00	-do-
		Total:		0.65	1.30	39.00	468.00	
17	Turtle	20	Small fish	0.05	1.00	30.00	360.00	-do-
		Total:		0.05	1.00	30.00	360.00	
18	Heron/ Egret	33	Small fish	0.05	1.65	49.50	594.00	-do-
		Total:		0.05	1.65	49.50	594.00	
19	Swamphen/ coot	31	Small fish	0.08	2.33	69.75	837.00	-do-
			Snail	0.04	1.27	38.13	457.56	-do-
			Paddy	0.08	2.33	69.75	837.00	-do-
			Panna	0.08	2.33	69.75	837.00	-do-
			Wheat whole	0.03	0.93	27.90	334.80	-do-
		Total:		0.30	9.18	275.28	3303.36	
20	Duck/Teal	38	Small fish	0.08	2.85	85.50	1026.00	-do-
			Snail	0.04	1.52	45.60	547.20	-do-
			Wheat whole	0.03	0.95	28.50	342.00	-do-
			Paddy	0.08	2.93	87.78	1053.36	-do-
			Panna	0.08	2.85	85.50	1026.00	-do-
		Total:		0.29	11.10	332.88	3994.56	

21	Western hoolock Gibbon	2	Egg	1.00	2.00	60.00	720.00	-do-
			Whole gram	0.08	0.15	4.50	54.00	-do-
			Apple	0.25	0.50	15.00	180.00	-do-
			Sweet potato	0.15	0.30	9.00	108.00	-do-
			Sugarcane	0.10	0.20	6.00	72.00	-do-
			Banana	0.50	1.00	30.00	360.00	-do-
			Cabbage leaf	0.05	0.10	3.00	36.00	-do-
			Carrot	0.07	0.14	4.20	50.40	-do-
			Guava/ Pear	0.05	0.10	3.00	36.00	-do-
			Pomegranate	0.05	0.10	3.00	36.00	-do-
			Palak	0.30	0.60	18.00	216.00	-do-
Total:		2.60	5.19	155.70	1868.40			

Sl.No.	Name of Species	No. of animals	Items	Qty. per day/animal (in kg)	Qty. per day/spp (in kg)	Qty. per month/spp (in kg)	Qty. per year/spp (in kg)	Day of fasting
22	Bengal slow Loris	13	Egg	1.00	13.00	390.00	4680.00	-do-
			Apple	0.15	1.95	58.50	702.00	-do-
			Sweet potato	0.10	1.30	39.00	468.00	-do-
			Banana	0.15	1.95	58.50	702.00	-do-
			Cucumber	0.08	0.98	29.25	351.00	-do-
			Carrot	0.07	0.91	27.30	327.60	-do-
			Bean/ Long bean	0.05	0.65	19.50	234.00	-do-
			Guava/ Pear	0.10	1.30	39.00	468.00	-do-
			Pomegranate	0.05	0.65	19.50	234.00	-do-
			Orange	0.08	1.04	31.20	374.40	-do-
			Bread	0.05	0.65	19.50	234.00	-do-
Total:		1.88	24.38	731.25	8775.00			

23	Sambar	23	Rice bran	1.00	23.00	690.00	8280.00	-do-
			Wheat bran	0.85	19.55	586.50	7038.00	-do-
			Crushed maize	0.50	11.50	345.00	4140.00	-do-
			Whole gram	0.18	4.14	124.20	1490.40	-do-
			Oil cake	0.12	2.76	82.80	993.60	-do-
			Rock salt	0.05	1.15	34.50	414.00	-do-
			Heikru/heibong	0.10	2.30	69.00	828.00	-do-
			Cabbage leaf	0.08	1.84	55.20	662.40	-do-
			Green fodder	10.00	230.00	6900.00	82800.00	-do-
Total:			12.88	296.24	8887.20	106646.40		
24	Brow antlered deer	14	Rice bran	0.70	9.80	294.00	3528.00	-do-
			Wheat bran	0.75	10.50	315.00	3780.00	-do-
			Crushed maize	0.45	6.30	189.00	2268.00	-do-
			Whole gram	0.18	2.52	75.60	907.20	-do-
			Oil cake	0.10	1.40	42.00	504.00	-do-
			Rock salt	0.05	0.70	21.00	252.00	-do-
			Cattle feed	0.08	1.12	33.60	403.20	-do-
			Heikru/heibong	0.10	1.40	42.00	504.00	-do-
			Cabbage leaf	0.08	1.12	33.60	403.20	-do-
			Green fodder	8.00	112.00	3360.00	40320.00	-do-
Total:			10.49	146.86	4405.80	52869.60		
25	Spotted deer	33	Rice bran	0.70	23.10	693.00	8316.00	-do-
			Wheat bran	0.75	24.75	742.50	8910.00	-do-
			Crushed maize	0.45	14.85	445.50	5346.00	-do-
			Whole gram	0.18	5.94	178.20	2138.40	-do-
			Oil cake	0.10	3.30	99.00	1188.00	-do-
			Rock salt	0.04	1.32	39.60	475.20	-do-
			Heikru/heibong	0.10	3.30	99.00	1188.00	-do-
			Cabbage leaf	0.07	2.31	69.30	831.60	-do-
			Green fodder	6.20	204.60	6138.00	73656.00	-do-
Total:			8.59	283.47	8504.10	102049.20		

Sl.No.	Name of Species	No. of animals	Items	Qty. per day/animal (in kg)	Qty. per day/spp (in kg)	Qty. per month/spp (in kg)	Qty. per year/spp (in kg)	Day of fasting
26	Hog deer	34	Rice bran	0.30	10.20	306.00	3672.00	-do-
			Wheat bran	0.30	10.20	306.00	3672.00	-do-
			Crushed maize	0.29	9.86	295.80	3549.60	-do-
			Whole gram	0.13	4.42	132.60	1591.20	-do-
			Oil cake	0.10	3.40	102.00	1224.00	-do-
			Rock salt	0.04	1.36	40.80	489.60	-do-
			Heikru/heibong	0.09	3.06	91.80	1101.60	-do-
			Cabbage leaf	0.09	3.06	91.80	1101.60	-do-
		Green fodder	3.75	127.50	3825.00	45900.00	-do-	
		Total:		5.09	173.06	5191.80	62301.60	
27	Barking deer	6	Rice bran	0.30	1.80	54.00	648.00	-do-
			Wheat bran	0.33	1.98	59.40	712.80	-do-
			Crushed maize	0.19	1.14	34.20	410.40	-do-
			Whole gram	0.12	0.72	21.60	259.20	-do-
			Oil cake	0.10	0.60	18.00	216.00	-do-
			Rock salt	0.04	0.24	7.20	86.40	-do-
			Heikru/heibong	0.09	0.54	16.20	194.40	-do-
			Cabbage leaf	0.05	0.30	9.00	108.00	-do-
		Green fodder	2.50	15.00	450.00	5400.00	-do-	
		Total:		3.72	22.32	669.60	8035.20	
28	Deer group		Onion	-	1.00	30.00	360.00	-do-
		Total:			1.00	30.00	360.00	
29	Himalayan Goral	2	Rice bran	0.38	0.76	22.80	273.60	-do-
			Wheat bran	0.33	0.66	19.80	237.60	-do-
			Crushed maize	0.19	0.38	11.40	136.80	-do-
			Whole gram	0.12	0.24	7.20	86.40	-do-
			Oil cake	0.10	0.20	6.00	72.00	-do-
			Rock salt	0.04	0.08	2.40	28.80	-do-
			Heikru/heibong	0.09	0.18	5.40	64.80	-do-
			Cabbage leaf	0.08	0.16	4.80	57.60	-do-
		Green fodder	2.50	5.00	150.00	1800.00	-do-	
		Total:		3.83	7.66	229.80	2757.60	

30	Wild pig	1	Wheat bran	0.18	0.18	5.40	64.80	-do-
			Crushed maize	0.54	0.54	16.20	194.40	-do-
			Rice	0.95	0.95	28.50	342.00	-do-
			Whole gram	0.12	0.12	3.60	43.20	-do-
			Dal	0.10	0.10	3.00	36.00	-do-
			Milk powder	0.10	0.10	3.00	36.00	-do-
			Gur	0.10	0.10	3.00	36.00	-do-
			Pumpkin	0.30	0.30	9.00	108.00	-do-
			Cabbage leaf	0.10	0.10	3.00	36.00	-do-
			Arum/Pan	1.00	1.00	30.00	360.00	-do-
			Potato	0.20	0.20	6.00	72.00	-do-
			Green fodder	1.25	1.25	37.50	450.00	-do-
Total:				4.94	4.94	148.20	1778.40	

Sl. No.	Name of Species	No. of animals	Items	Qty. per day/animal (in kg)	Qty. per day/spp (in kg)	Qty. per month/spp (in kg)	Qty. per year/spp (in kg)	Day of fasting
31	Himalayan black bear	10	Rice	1.88	18.80	564.00	6768.00	-do-
			Whole gram	0.20	2.00	60.00	720.00	-do-
			Dal	0.20	2.00	60.00	720.00	-do-
			Milk powder	0.10	1.00	30.00	360.00	-do-
			Gur	0.20	2.00	60.00	720.00	-do-
			Honey	0.02	0.20	6.00	72.00	-do-
			Pumpkin	0.50	5.00	150.00	1800.00	-do-
			Cabbage leaf	0.14	1.40	42.00	504.00	-do-
			Bean/Long bean	0.14	1.35	40.50	486.00	-do-
			Palak	0.50	5.00	150.00	1800.00	-do-
Total:				3.88	38.75	1162.50	13950.00	
32	Peafowl/pheasant	15	Wheat whole	0.05	0.75	22.50	270.00	-do-
			Whole gram	0.05	0.75	22.50	270.00	-do-
			Bajra	0.10	1.50	45.00	540.00	-do-
			Paddy	0.10	1.50	45.00	540.00	-do-
			Poultry feed	0.10	1.50	45.00	540.00	-do-
			Onion	0.03	0.38	11.25	135.00	-do-
			Banana	0.10	1.50	45.00	540.00	-do-
			Cabbage leaf	0.05	0.75	22.50	270.00	-do-
Total:				0.58	8.63	258.75	3105.00	

33	Parakeet	8	Whole gram	0.03	0.20	6.00	72.00	-do-
			Bajra	0.05	0.40	12.00	144.00	-do-
			Paddy	0.03	0.20	6.00	72.00	-do-
			Apple	0.05	0.40	12.00	144.00	-do-
			Onion	0.03	0.20	6.00	72.00	-do-
			Green chilly	0.01	0.08	2.40	28.80	-do-
			Banana	0.08	0.64	19.20	230.40	-do-
		Total:		0.27	2.12	63.60	763.20	
34	Emu	1	Rice bran	0.10	0.10	3.00	36.00	-do-
			Crushed maize	0.15	0.15	4.50	54.00	-do-
			Wheat whole	0.09	0.09	2.70	32.40	-do-
			Whole gram	0.10	0.10	3.00	36.00	-do-
			Bajra	0.10	0.10	3.00	36.00	-do-
			Paddy	0.10	0.10	3.00	36.00	-do-
			Onion	0.10	0.10	3.00	36.00	-do-
			Banana	0.10	0.10	3.00	36.00	-do-
			Cabbage leaf	0.09	0.09	2.70	32.40	-do-
		Total:		0.93	0.93	27.90	334.80	
35	Tortoise	6	Yendem	0.19	1.11	33.30	399.60	-do-
			Pumpkin	0.15	0.90	27.00	324.00	-do-
			Cabbage leaf	0.05	0.30	9.00	108.00	-do-
			Palak	0.10	0.60	18.00	216.00	-do-
		Total:		0.49	2.91	87.30	1047.60	
36	Turtle	19	Yendem	0.10	1.90	57.00	684.00	-do-
			Cucumber	0.09	1.71	51.30	615.60	-do-
		Total:		0.19	3.61	108.30	1299.60	

Sl. No.	Name of Species	No. of animals	Items	Qty. per day/animal (in kg)	Qty. per day/spp (in kg)	Qty. per month/spp (in kg)	Qty. per year/spp (in kg)	Day of fasting
37	Rhesus macaque	40	Whole gram	0.05	2.00	60.00	720.00	-do-
			Apple	0.15	6.00	180.00	2160.00	-do-
			Pumpkin	0.10	4.00	120.00	1440.00	-do-
			Sweet potato	0.25	10.00	300.00	3600.00	-do-
			Sugarcane	0.10	4.00	120.00	1440.00	-do-
			Banana	0.28	11.00	330.00	3960.00	-do-
			Cabbage leaf	0.05	2.00	60.00	720.00	-do-
			Cucumber	0.15	6.00	180.00	2160.00	-do-
			Carrot	0.05	2.00	60.00	720.00	-do-
			Bean/Long bean	0.05	2.00	60.00	720.00	-do-
			Guava/ Pear	0.05	2.00	60.00	720.00	-do-
			Pomegranate	0.03	1.20	36.00	432.00	-do-
			Palak	0.20	8.00	240.00	2880.00	-do-
		Bread	0.10	4.00	120.00	1440.00	-do-	
	Total:			1.61	64.20	1926.00	23112.00	
38	Malayan porcupine	4	Whole gram	0.05	0.20	6.00	72.00	-do-
			Pumpkin	0.10	0.40	12.00	144.00	-do-
			Sweet potato	0.40	1.60	48.00	576.00	-do-
			Banana	0.10	0.40	12.00	144.00	-do-
			Arum/pan	0.20	0.80	24.00	288.00	-do-
			Potato	0.10	0.40	12.00	144.00	-do-
			Carrot	0.10	0.40	12.00	144.00	-do-
			Bean/Long bean	0.10	0.40	12.00	144.00	-do-
		Palak	0.10	0.40	12.00	144.00	-do-	
	Total:			1.25	5.00	150.00	1800.00	

12. Vaccination Schedule of animals

Sl No	Species	Disease vaccinated for	Name of the vaccine and dosage/ quantity used	Periodicity	Remarks
1	Cattle	Foot and Mouth disease	Raksherabovac 2ml/ animal, I/M	For every 6 months	
2	Cats & Dog	Rabies	Raksherab, 1 ml per animal. I/M	1 st dose – 6 month 2 nd dose – 1 year	

13. De-worming Schedule of animals

Sl No	Species	Drug used	Month
1	Deer group	Panacur = 5-10 mg/kg body weight	Every 3 months
		Albovet = 1 ml/ 3kg body weight	Every 3 months
2	Bear	Piperzine = 1ml/ 3 kg body weight	Every 3 months
3	Carnivore	Piperzine = 1ml/ 3 kg body weight	Every 3 months
4	Primate	Piperzine = 1ml/ 3 kg body weight	Every 3 months

14. Disinfection Schedule

Sl. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1.	Bear	Wet Moat	Potash & Kohsolin	2 times a week
2	Carnivore	Close type	Potash & Kohsolin	2 times a week
	Deer	Wet moat	Potash & Kohsolin	2 times a week
	Primate	Close type	Potash & Kohsolin	2 times a week

Phenyl disinfectant is used outside the enclosures.

15. Health Check-up of employees for zoonotic diseases

Sl No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1.	Dr. L. Saratchandra Singh	Vety.Asstt.Surgeon	11/3/2018	Normal
2.	Shri Kuber Singh	RFO	11/3/2018	Normal
3.	Shri Kh. Loteswor Singh	RFO	11/3/2018	Normal
4.	Shri Ch. Binoykumar Singh	Dy. RO	11/3/2018	Normal
5.	Shri A. K. Momon Singh	Forester	11/3/2018	Normal
6.	Md Akbar	Hd. FG	11/3/2018	Normal
7.	Shri A. Robinson Singh	FG	11/3/2018	Normal
8.	Ms. A. Riya Devi	FG	11/3/2018	Normal
9.				
10.	Shri H. Babu Singh	FG	11/3/2018	Normal
11.	Shri H Bishworjit Meetei	FG	11/3/2018	Normal
12.	Shri Kh. Mathang Singh	FG	11/3/2018	Normal
13.	Ms. N. Bindiya Devi	FG	11/3/2018	Normal
14.	Smt. Neikhoneng	FG	11/3/2018	Normal
15.	Smt. P. Mandakini Devi	FG	11/3/2018	Normal
16.	Smt. S. Ibetombi Devi	FG	11/3/2018	Normal
17.	Shri S. Joy Singh	FG	11/3/2018	Normal
18.	Shri S Yaikhomba Singh	FG	11/3/2018	Normal

19.	Shri Th Manimohon Singh	FG	11/3/2018	Normal
20.	Shri Th Monarch Singh	FG	11/3/2018	Normal
21.	Shri Durgacharan Krmkar	Animal Attendant	11/3/2018	Normal
22.	Shri H. Somipam	Animal Attendant	11/3/2018	Normal
23.	Shri I. Lokendro Singh	Animal Attendant	11/3/2018	Normal
24.	Shri K. Angam Tangkhul	Animal Attendant	11/3/2018	Normal
25.	Shri K. Gunindro Singh	Animal Attendant	11/3/2018	Normal
26.	Shri K. Manglemjao Singh	Animal Attendant	11/3/2018	Normal
27.	Shri L. Jadumani Singh	Animal Attendant	11/3/2018	Normal
28.	Shri L. Deven Singh	Animal Attendant	11/3/2018	Normal
29.	Shri Th. Tejmani Singh	Animal Attendant	11/3/2018	Normal

Health Check-up camps for employees in collaboration with Raj Medicity Hospital, Imphal



Vaccination programme for domesticated animals within the radius of 5km of Manipur Zoological Garden



16. Development Works carried out in the Zoo during the year

Photograph showing Front view of Slow Loris Enclosure



Photograph showing Keeper's gallery/ Kraal/Night Shelter (back portion) of Slow Loris Enclosure



Painting of Himalayan Black Bear enclosure



Renovation of ticket counter



Painting of public toilet complex



Construction of stand-off barrier of Sambar and Clouded leopard enclosures



Construction of stand-off barrier of Himalayan Black bear enclosure



Painting of Jackal enclosure &



Construction of Drain construction of stand-off barrier



Commissioning of battery operated vehicle for visitors



Wall painting of animal cartoon characters





17. Education and Awareness programmes during the year

Interaction with student groups from various districts of the State



18. Important Events and happenings

2.4.1 Observance of Swachhta Hi Seva and Swachh Pakhwada

1. Swachta Pakhwada under Swachh Bharat Abhiyan was observed in the Manipur Zoological Garden, Iroisemba from 1st - 15th September, 2017 and Swachta Hi Seva was organised in the Manipur Zoological Garden, Iroisemba from 30th September till 2nd October, 2017 and emphasis was made to generate as well as improve awareness about Cleanliness of Zoo as a standard management practice amongst the Zoo officials/ staffs/visitors/locals and other stakeholders.
2. Campaigns were designed to focus on sensitising visitors on issues such as solid waste management, prevention of littering and overall cleanliness of the Zoo and surrounding areas. Zoo and surrounding areas were made a plastic free zone.
3. Weeding of old documents, proper maintenance of documents, registers, files, etc.
4. Installing signages/ boards posting informations to be followed in and around Zoo campus.





2.4.2 Zoo Foundation day Celebrated on 2nd October, 2017

- Manipur Zoological Garden celebrated its Zoo Foundation Day dated 2nd October, 2017 involving students and children from all the districts on the theme “Celebrate Rights of Wildlife” to start the celebration of Wildlife Week 2017 across the State of Manipur. The students/ children were facilitated to watch animals, enjoy and learn. The Media houses such as ISTV, DDK imphal interview the students/ children about their experience at Zoo. Interaction programmes with the officials by DDK imphal, AIR imphal on conservation of Forests and wildlife.



2.4.4 Vigilance Week, 2017

- Manipur Zoological Garden, Imphal observed Vigilance Awareness Week from 30th October to 4th November, 2017 on the theme ‘My Vision – Corruption Free India’ of Central Vigilance Commission and emphasis was made to promote integrity, transparency and accountability in public life.



2.4.5 World Wildlife Day Celebrated on 3rd March, 2018

- Manipur Zoological Garden celebrated World Wildlife Day dated 3rd March, 2018 under the UN's theme "Big Cats – Predators under threats."



2.4.6 World Forestry Day, 2018

- Manipur Zoological Garden, Imphal observed World Forestry day dated 21st March, 2018 on the theme 'Forests and Sustainable Cities'.

19. Seasonal special arrangement for upkeep of animals

During winter season, some animals often refuse to eat, becomes feverish and sluggish. The animals are provided with straw bedding to withstand the chilly weather. Heaters are provided to the cold blooded animals.

20. Research Work carried out and publications

Research plays a vital role for conservation of wildlife both for in-situ and ex-situ conservation. Many studies regarding zoo animal's behaviour, feed habits, biology, etc have been done by Research scholars from institutions of Manipur and other states at Manipur Zoological Garden. The zoo as its cost has not conducted any structured research on the zoo animals though scientific data are being collected from time to time from identified animals under Conservation Breeding Programmes. However, with the sponsorship of the Wildlife Institute of India, Research fellows are conducting research on Sangai and its various aspects at Keibul Lamjao National Park. In this connection, the zoo is able to provide them valuable scientific data on the biology and behaviour of captive Sangai which is under captive breeding programme. The studbook, keeper's diary, and other daily feed and treatment records are useful documents for furnishing information for the research works.

21. Conservation Breeding Programmes of the Zoo

Considering the importance of Sangai conservation, captive breeding of Sangai has been taken up with the permission of the CZA at a captive breeding centre located at Langol. This programme has been designed to provide opportunities for scientific studies useful for conservation and creation of database for sharing between the agencies involved in conservation. The programme serves the twin purposes of education and research. The programme has been successful as one or two fawns are born every year. With the increase in population of the captive bred Sangai, these animals can be a founder species for ex-situ conservation at other suitable areas. At present there are 14 Sangai population. In order to avoid in breeding, DNA finger printing in collaboration with CZA and LaCONES.

The other identified animals for conservation breeding are Mrs Hume's Pheasant, Kalij pheasant, Slow loris and Burmese Green Peafowl.

22. Animal acquisition / transfer / exchange during the year - Nil

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

23. Rescue and Rehabilitated of wild animals carried out by the Zoo

Sl No	Date of Res-cue	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	01-06-2017	Clouded leopard (2) (F)	Kasom Khullen, Ukhrul	No. 5/4/2016 WL/506 dated 16/01/2018 to CZA	-	One is blind cannot be released in the wild; the other one in the animal collection plan.
1	13-11-2017	Night heron (1)(U)	Wangoo, Thoubal	-	14-11-2017 Langol Reserved Forest	
2	22-11-2017	Pond Heron (1)(U)	Yairipok, Thoubal	-	23-11-2017 Langol RF	
3	10-01-2018	Civet cat (1)(M)	Yairipok, Imphal	-	11-01-2018 Langol RF	
4	15-02-2018	Goral (1) (M)	Thoubal	-	17-2-2018 handed over to Thoubal Division for release	
5	23-03-2018	Leopard cat (1)(M)	Wangoo, Thoubal	-	24-03-2018 Langol RF	

24. Annual Inventory of animals

ANNUAL INVENTORY REPORT FOR THE YEAR 2017-18
MANIPUR ZOOLOGICAL GARDEN

Sl No	SPECIES NAME	ANIMAL NAME	SCIENTIFIC NAME	OPENING STOCK				BIRTH				ACQUISITIONS				DISPOSALS				DEATHS				CLOSING STOCK								
				M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T					
Endangered Species (Schedule I and II)																																
1	Bird	Hornbill Indian Bird	<i>Aniroluceros malabaricus</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1		
2	Bird	Pheasant Humes Bar-backed	<i>Symotacrus humei</i>	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5		
3	Bird	Pheasant Kalij	<i>Lophura leucostictus</i>	3	5	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	8		
4	Bird	Vulture Himalayan	<i>Gyps himalayensis</i>	0	0	5	5	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7			
5	Mammal	Badger Ferret	<i>Melogale moschata</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1		
6	Mammal	Bear Himalayan Black	<i>Ursus thibetanus</i>	6	4	0	10	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	6	2	13
7	Mammal	Cat Jungle	<i>Felis chaus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
8	Mammal	Cat Leopard	<i>Prionailurus bengalensis</i>	8	6	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	6	0	14		
9	Mammal	Civet common Palm-Cat today	<i>Paraculicivus hermaphroditus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1		
10	Mammal	Deer Brow-antlered (Sanga)	<i>Rucervus eldi eldi</i>	7	6	1	14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7	6	1	14	
	Mammal	Deer Hog	<i>Axis porcinus</i>	11	29	0	40	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	10	29	5	44	
11	Mammal	Gibbon Hoolock	<i>Hoolock hoolock</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2		
12	Mammal	Jackal	<i>Canis aureus</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
13	Mammal	Leopard Panther	<i>Panthera pardus</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
14	Mammal	Slow Loris	<i>Nycticebus bengalensis</i>	6	7	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	7	0	13	
15	Mammal	Macaque Rhesus	<i>Macaca mulatta</i>	25	15	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	15	0	40		
16	Mammal	Marten Yellow throated	<i>Martes flavigula</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
17	Mammal	Porcupine Malayan	<i>Hystrix brachyura</i>	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	3	
18	Reptile	Monitor Lizard/ Common Indian	<i>Varanus bengalensis</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3		
19	Reptile	Python Indian - Rock	<i>Python molurus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2		
Total Endangered Species				78	80	9	167	0	0	7	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	78	81	18	174

30/4/18
Dr. L. Barabehndra Singh
Veterinary Officer
Manipur Zoological Garden

30/4/18
Director
Manipur Zoological Garden
Government of Manipur

Species (Schedule III and IV)																																	
Sl No	SPECIES NAME	ANIMAL NAME	SCIENTIFIC NAME	OPENING STOCK				BIRTH				ACQUISITIONS				DISPOSALS				DEATHS				CLOSING STOCK									
				M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T						
20	Bird	Cock Water	<i>Gallus cinnereus</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3			
21	Bird	Coot Common	<i>Falco atra</i>	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6			
22	Bird	Crow Hill	<i>Corvus macrorhynchos</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		
23	Bird	Duck Brahminy + Ruddy Shelduck	<i>Anas platyrhynchos</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2			
24	Bird	Duck Spotted	<i>Anas poocellarhynchos</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2			
25	Bird	Eagle Crested Serpent	<i>Spilornis holospilus</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2		
26	Bird	Egret Cattle	<i>Bubulcus ibis</i>	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10			
27	Bird	Hen Moschen purple	<i>Porphyrio porphyrio</i>	0	0	4	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5		
28	Bird	Heron Night	<i>Nycticorax nycticorax</i>	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8			
29	Bird	Heron Pond	<i>Ardeola grayii</i>	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15				
30	Bird	Heron Purple	<i>Ardea purpurea</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2			
31	Bird	Kite Pariah/ Black Kite	<i>Elanus nigricapillus</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		
32	Bird	Moorhen	<i>Gallinula chloropus</i>	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20			
33	Bird	Parakeet (unidentified)	<i>Psittacula</i>	4	4	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	8		
34	Bird	'Peafowl Green' Burmese	<i>Pavo muticus</i>	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2		
35	Bird	Pelican Ross/ White	<i>Pelecanus onocrotalus</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1		
36	Bird	Pochard White Eyed	<i>Aythya nyroca</i>	0	0	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11			
37	Bird	Stork Adjutant	<i>Leptoptilos robustus</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2			
38	Bird	Teal Common	<i>Anas crecca</i>	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6			
39	Bird	Teal Lesser Whistling	<i>Dendrocygna javanica</i>	0	0	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17			
40	Mammal	Deer Barking	<i>Mosiacus mosiacus</i>	5	3	0	8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	4	2	1	7
41	Mammal	Deer Sambar	<i>Rusa sambar</i>	4	18	0	22	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	17	4	24
42	Mammal	Deer Spotted (Chital)	<i>Axis axis</i>	11	13	0	24	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	10	12	2	24
43	Mammal	Goral	<i>Naemorhedus goral</i>	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	

30/4/18
Dr. L. Barabehndra Singh
Veterinary Officer
Manipur Zoological Garden

30/4/18
Director
Manipur Zoological Garden
Government of Manipur

Sl.No.	Name of Species	Date of birth	No. of animals
1	Spotted deer	20-09-2017	1
2	Hog deer	11-10-2017	1
3	Purple swamphen	13-10-2017	1
4	Sambar deer	30-10-2017	1
5	Barking deer	13-11-2017	1
6	Sambar deer	15-11-2017	1
7	Sambar deer	20-11-2017	1
8	Hog deer	23-11-2017	1
9	Sangai	22-12-2017	1
10	Spotted deer	16-01-2018	1
11	Hog deer	16-01-2018	1
12	Himalayan Black Bear	26-01-2018	2
12	Hog deer	04-02-2018	1
13	Slow loris	19-02-2018	1
14	Sambar deer	21-02-2018	1
15	Sambar deer	17-03-2018	1
16	Hog deer	17-03-2018	1

28. 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	Status with regard to compliance of the conditions
1	4.6	Enrichments of all enclosures should be improved in general; the water bird aviary in particular with earth mound and planting of suitable species.	Annual basis	NA	Continuous process and regularly done
2	5.1	Periodic testing of pond water at recognised lab to be conducted	Annual basis	NA	Completed
3	5.2 1 (a)	Feed supplement should be given to all the deer species round the year as per recommended dose	Daily basis	NA	Regularly done

4	6.1	Priority to be given for new veterinary hospital and infrastructure conforming to the status of the Zoo	2018-19	NA	Under Construction
5	6.1(i)	Advance training to be given to Zoo Veterinary and officers for immobilisation of animals and other management aspects	Regularly done in consultation with CZA	NA	Participated in various training programmes under CZA
6	9.4b	Pairing of Jungle cat, Pelican, leopard and Hoolock Gibbon to be done with the prior approval of Central Zoo Authority	CZA always apprised	NA	Hoolock gibbon already paired. Male leopard to be paired in the animal exchange programme with assam Zoo. others included in Annual Collection Plan
7	12.3	Ramp toilets for differently-abled visitors should be made available	NA	NA	Completed

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

With good floral diversity in the zoo premises, there is very good number of breeding egrets nesting in all the tree vegetation with mother egret feeding the chirping chicks. Squirrels, herons, kingfishers, snakes, etc. there is a constant efforts to improve the landscape and plantation of fruit bearing trees suitable for the zoo animals.

Awards/ Recognition received by Zoo personnels



RESPECTED GUESTS OF MANIPUR ZOOLOGICAL GARDEN



**Member of Administrative Tribunal from
Karnataka**



**Shri Jaideep Govind, Special Secy & Financial
Advisor, MOA, GOI**



Shri Satyendra Garg, IPS, Jt Secy. MHA, GOI

ZOO ANIMALS AT A GLANCE.....





PUBLIC AMENITIES...



FEED PREPARATION



STUDENT VISITOR'S RECORD FROM APRIL 2017 TO MARCH 2018

Sl.No	NameofSchool	Address	No. of students
1	U.P.CBoardingSchool	Bishnupur	48
2	BhubonTechnicalandSkillDevelopment	Imphal-West	27
3	NongdamTangkhulPrimarySchool	Imphal-East	27
4	St.Xavier'sHighSchool	Senapati	50
5	K.KLeishiphoniJr.HighSchool	Ukhrul	40
6	S.S.GSchool	Churachandpur	25
7	ObadiyahSchool	Churachandpur	40
8	K.T.LExelHr.SecSchool	Ukhrul	50
9	St.MarySchool	Churachandpur	80
10	RihaJr.HighSchool	Ukhrul	100
11	St.Peter'sSchool	Chandel	55
12	SoplengHighSchool	Kangpokpi	50
13	St.VincentSchool	Senapati	40
14	PhayangJr.HighSchool	Kangpokpi	80
15	BridgeofHopeThaylainProjectCentre	Bishnupur	75
16	ShamusangShantipurPrimaryGovt.School	Imphal-West	120
17	PangjangJr.HighSchool	Senapati	30
18	KeyStoneHigherSecondarySchool	Senapati	60
19	HillAcademyPhaibam	Churachandpur	40
20	LittleAlpineSchool	Chandel	38
21	V.MHighSchool	Thoubal	55
22	ShishuNishthaNiketan	Imphal-West	120
23	RadiantStarEducationCentre	Imphal-West	50
24	MaramHighSchool	Senapati	70
25	NirmalabasHighSchool	Imphal-West	28
26	FirobelEnglishSchool	Imphal-West	80
27	LoichingBrighterEnglishHighSchool	Kangpokpi	80
28	PopularAcademy	Imphal-West	35
29	F.M.RUniqueSchool	Imphal-East	60
30	EliteHigherSec.School	Kangpokpi	70
31	CentralAgriculturalUniversity	Imphal-West	55
32	Y.TamphaHighSchool	Imphal-East	45
33	BrighterAcademy	Imphal-West	100
34	DhanmayaEnglishSchool	Imphal-West	40
35	TheophanyChristianAcademy	Chandel	38
36	St.JosephSchool	Chandel	20

37	EdithdouglassmemorialInstitute	Chandel	30
38	LittlePearlspre-School	Chandel	70
39	PrimroseEnglishHighSchool	Imphal-East	50
40	DevolaMemorialEnglishSchool	Imphal-East	35
41	Govt.LongjaPrimarySchool	Chandel	40
42	H.MEnglishHighSchool	Churachandpur	85
43	EmmanuelSchool	Kangpokpi	40
44	RengkaiHr.SecSchool	Churachandpur	61
45	ShishuNishthaNiketan	Imphal-East	100
46	TribalEmpowermentPublicSchool	Ukhrul	40
47	DonBoscoHighSchool	Imphal-West	26
48	HeritageConvent	Imphal-West	16
49	ShishuNishthaNiketan	Imphal-West	80
50	ShishuNishthaNiketan	Imphal-West	80
51	ParilmomSchool	Imphal-West	20
52	PitambaraEnglishSchool	Imphal-West	12
53	JupiGovt.IdealPrimarySchool	Chandel	40
54	NorthEasternChildrenAcademy	Churachandpur	100
55	SacredHeartHr.SecSchool	Imphal-East	25
56	TrinityPublicSchool	Imphal-West	15
57	LeeFaithSchool	Imphal-West	15
58	SundaySchool	Chandel	35
59	MapaoKhullenSundaySchool	Senapati	30
60	MorningStarEnglishSchool	Kangpokpi	80
61	S.V.GetwellSchool	Haotal	20
62	ManipurCreativeSchool	Imphal-West	50
63	SavioEnglishHr.SecSchool	Imphal-West	20
64	KhuangmunIdealJr.HighSchool	Churachandpur	20
65	GoodShepherdEnglishSchool	Kangpokpi	40
66	K.BethelPrimarySchool	Senapati	20
67	NongmeibungPrimarySchool	Imphal-East	20
68	KasturbaGandhiBalikaVidyalaya	Bishnupur	70
69	SundaySchool,Kharampallen	Senapati	50
70	DameshwariPrimarySchool	Imphal-East	25
71	SundaySchool	Senapati	55
72	SunshineKidSchool	Bishnupur	12
73	SisiyaEnglishSchool		15
74	NatureNurtureDay-care	Imphal-West	30
75	ResidentialSchool	Bishnupur	61
76	DonBoscoHr.SecSchool	Senapati	32

77	BrighterAcademy	Imphal-East	60
78	UnitedHighSchool	Bishnupur	56
79	St.AnthonySchool	Ukhrul	23
80	L.N.School	Kangpokpi	45
81	MahikaTungjongBaptishChurchSundaySchool	Senapati	40
82	AngelKids	Imphal-West	40
83	HundredFlower	Imphal-East	36
84	EliteFoundationAcademy	Thoubal	50
85	LiwachangingS.S.C.CSundaySchool	Chandel	45
86	KapaamSundaySchool	Chandel	80
87	ShishuNishthaNiketan	Imphal-West	83
88	KumbiCollege	Bishnupur	50
89	KendriyaVidyalaya	Imphal-West	137
90	SlopelandPublicSchool	Thoubal	25
91	St.AnthonySchool	Ukhrul	27
92	SlopelandPublicSchool	Thoubal	35
93	KendriyaVidyalaya	Imphal-East	55
94	SlopelandPublicSchool	Thoubal	35
95	Shemrok	Imphal-West	21
96	BजारंगAcademy	Imphal-East	33
97	KangleipakModernSchool		60
98	C.G.C.C	Imphal-West	18
99	AusiaChristianInstitute	Senapati	23
100	HenthoibaMaheikol	Bishnupur	25
101	KholmunJ.BSchool	Churachandpur	25
102	ChildrenHome&Orphanage	Senapati	130
103	SaidanJ.BSchool	Churachandpur	40
104	StandardEnglishSchool	Churachandpur	50
105	GalaxyHighSchool	Imphal-West	60

No.ofSchoolVisited=105

Totalno.ofStudents=5093

OFFICIALS/STAFF OF MANIPUR ZOOLOGICAL GARDEN



Kh. Loteswor Singh
Range Forest Officer
Manipur Zoological Garden, Imphal



SW. Sulisa
Range Forest Officer
Manipur Zoological Garden, Imphal



Dr. L. Saratchandra
Veterinary Officer
Manipur Zoological Garden, Imphal



Ch. Binoy Kumar Singh
Dy. Ranger
Manipur Zoological Garden, Imphal



Ak. Momon Singh
Forester
Manipur Zoological Garden, Imphal



Md. Akbar
Hd. Forest Guard
Manipur Zoological Garden, Imphal



Kh. Mathang Singh
Forest Guard
Manipur Zoological Garden, Imphal



M. Neikhoeng
Forest Guard
Manipur Zoological Garden, Imphal



S. Yaikhomba Singh
Forest Guard
Manipur Zoological Garden, Imphal



Sh. Joy Singh
Forest Guard
Manipur Zoological Garden, Imphal



M. Romesh Singh
Forest Guard
Manipur Zoological Garden, Imphal



N. Bindya Devi
Forest Guard
Manipur Zoological Garden, Imphal



P. Mandakini Devi
Forest Guard
Manipur Zoological Garden, Imphal



A. Robinson Singh
Forest Guard
Manipur Zoological Garden, Imphal



Th. Manimohon Singh
Forest Guard
Manipur Zoological Garden, Imphal



H. Bishworjit Singh
Forest Guard
Manipur Zoological Garden, Imphal



A. Riya Devi
Forest Guard
Manipur Zoological Garden, Imphal



Th. Monarch Singh
Forest Guard
Manipur Zoological Garden, Imphal



S. Ibetombi Devi
Forest Guard
Manipur Zoological Garden, Imphal



Th. Tejmani Singh
Animal Attendant
Manipur Zoological Garden, Imphal



L. Deben Singh
Animal Attendant
Manipur Zoological Garden, Imphal



K. Angam Tangkhul
Animal Attendant
Manipur Zoological Garden, Imphal



Durgachandra Kirmkar
Animal Attendant
Manipur Zoological Garden, Imphal



K. Manglemjao Singh
Animal Attendant
Manipur Zoological Garden, Imphal



I. Lokendro
G. Watcher
Manipur Zoological Garden, Imphal



H. Somipam
Animal Attendant
Mannipur Zoological Garden, Itanagar



K. Gunindro Singh
Animal Attendant
Mannipur Zoological Garden, Itanagar



L. Jadumani
G. Watcher
Mannipur Zoological Garden, Itanagar



M. Raghupati Singh
Mail
Mannipur Zoological Garden, Itanagar



Sh. Shantikumar
Mail
Mannipur Zoological Garden, Itanagar



L. Brojen Singh
Mail
Mannipur Zoological Garden, Itanagar



Th. Jugindro Singh
Mail
Mannipur Zoological Garden, Itanagar



P. Shyamkishor Singh
Gate Keeper
Mannipur Zoological Garden, Itanagar



L. Nilchandra
A/Feed
Mannipur Zoological Garden, Itanagar



L. Bhagawan
A/Feed
Mannipur Zoological Garden, Itanagar



S. Ninghor
A/Feed
Mannipur Zoological Garden, Itanagar



W. Basanta Meitei
A/Feed
Mannipur Zoological Garden, Itanagar



Premabati
Barkeeper
Mannipur Zoological Garden, Itanagar



Shantibala Devi
Head Clerk
Mannipur Zoological Garden, Itanagar



I. Gyaneshor Singh
L. D. C.
Mannipur Zoological Garden, Itanagar



Y. Hera Singh
L. D. C.
Mannipur Zoological Garden, Itanagar



N. Rina Devi
L. D. C.
Mannipur Zoological Garden, Itanagar



H. Leibakmacha Singh
Peon
Mannipur Zoological Garden, Itanagar



Kh. Chandra Singh
Peon
Mannipur Zoological Garden, Itanagar



Kg. Meijinlung
Peon
Mannipur Zoological Garden, Itanagar



**WILDLIFE WING, FOREST DEPARTMENT
GOVERNMENT OF MANIPUR**

